

(1) The following permit table lists the requirements for Storage Vessels affected by 40 CFR Part 63, Subpart HH.

Vessel Type	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Vessel subject to 40 CFR Part 60, Subpart Kb	N/A	N/A	N/A	N/A	511-01-001	None [§63.766 (d)]	None	None
Pressure vessel affected by 40 CFR Part 60, Subpart HH  AND  Operating as a closed vent system	N/A	N/A	N/A	N/A	511-01-002	§63.766(b)(2),(c) §63.764(a)	§63.772(c) §63.775(a)	§63.760(a)(1)(ii) §63.774(a),(b)(1),(2) §63.775(b)(4)-(7),(9),(10),(f)
Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	Yes	Thermal vapor incinerator	Reduces the mass content of either TOC or total HAP by > 95 weight percent	Prior performance test per §63.772(e)(1)(vi)	511-01-003	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(A),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3), (ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1), (3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d)(1),(5)-(7), (9),(10),(e),(1),(2),(i),(ii),(A), (D),(iii),(v),(vii),(viii),(f)
				Performance test per §63.772(e)(3)	511-01-004	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(A),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3), (ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1), (3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d)(1),(4)-(6), (7),(9),(10),(e),(1),(2),(i),(ii), (A),(D),(iii),(v),(vii),(viii),(f)
				Design analysis per §63.772(e)(4)	511-01-005	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(A),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(A),(ii), (d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1), (3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d)(1),(5)-(7), (9),(10),(e),(1),(2),(i),(ii),(A), (D),(iii),(v),(vii),(viii),(f)
				Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	511-01-006	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(B),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3), (ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1), (3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d)(1),(5)-(7), (9),(10),(e),(1),(2),(i),(ii),(A), (D),(iii),(v),(vii),(viii),(f)

Vessel Type	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	Yes	Thermal vapor incinerator	Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Performance test per §63.772(e)(3)	511-01-007	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(B),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3)(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(6),(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
				Design analysis per §63.772(e)(4)	511-01-008	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(B),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(A),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
			Provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C	Prior performance test per §63.772(e)(1)(vi)	511-01-009	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(C),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
			Performance test per §63.772(e)(3)	511-01-010	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(C),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(6),(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)	
			Design analysis per §63.772(e)(4)	511-01-011	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(C),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(A),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)	

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Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	Yes	Catalytic vapor incinerator	Reduces the mass content of either TOC or total HAP by > 95 weight percent	Prior performance test per §63.772(e)(1)(vi)	511-01-012	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(A),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
				Performance test per §63.772(e)(3)	511-01-013	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(A),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(6),(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
				Design analysis per §63.772(e)(4)	511-01-014	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(A),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(B),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
			Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Prior performance test per §63.772(e)(1)(vi)	511-01-015	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(B),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
				Performance test per §63.772(e)(3)	511-01-016	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(B),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(6),(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)

Vessel Type	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	Yes	Catalytic vapor incinerator	Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Design analysis per §63.772(e)(4)	511-01-017	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(B),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(B),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
			Provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C	Prior performance test per §63.772(e)(1)(vi)	511-01-018	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(C),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
				Performance test per §63.772(e)(3)	511-01-019	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(C),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(6)(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
				Design analysis per §63.772(e)(4)	511-01-020	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(C),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(B),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
		Boiler or process heater	Reduces the mass content of either TOC or total HAP by > 95 weight percent	Exempt from performance test or design analysis since design heat input capacity > 44 MW	511-01-021	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(A),(D),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)(iii)-(iv),(5)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)

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Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	Yes	Boiler or process heater	Reduces the mass content of either TOC or total HAP by > 95 weight percent	Exempt from performance test or design analysis since vent stream introduced with the primary fuel or used as the primary fuel	511-01-022	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(A),(D),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)(iii)-(iv),(5)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
				Prior performance test per §63.772(e)(1)(vi)	511-01-023	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(A),(D),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
				Performance test per §63.772(e)(3)	511-01-024	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(A),(D),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
				Design analysis per §63.772(e)(4)	511-01-025	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(A),(D),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(C),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
			Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Exempt from performance test or design analysis since design heat input capacity > 44 MW	511-01-026	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(B),(D),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)(iii)-(iv),(5)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)

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Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	Yes	Boiler or process heater	Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Exempt from performance test or design analysis since vent stream introduced with the primary fuel or used as the primary fuel	511-01-027	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(B),(D),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)(iii)-(iv),(5)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
				Prior performance test per §63.772(e)(1)(vi)	511-01-028	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(B),(D),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
				Performance test per §63.772(e)(3)	511-01-029	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(B),(D),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
				Design analysis per §63.772(e)(4)	511-01-030	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(B),(D),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(C)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
			Provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C	511-01-031	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(C),(D),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)(iii)-(iv),(5)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)	

Vessel Type	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	Yes	Boiler or process heater	Provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C	Exempt from performance test or design analysis since vent stream introduced with the primary fuel or used as the primary fuel	511-01-032	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(C),(D),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)(iii)-(iv),(5)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
				Prior performance test per §63.772(e)(1)(vi)	511-01-033	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(C),(D),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
				Performance test per §63.772(e)(3)	511-01-034	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(C),(D),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
				Design analysis per §63.772(e)(4)	511-01-035	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(i)(C),(D),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(C),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
		Condenser	N/A	Prior performance test per §63.772(e)(1)(vi)	511-01-036	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(E),(5)(ii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(v),(vii),(viii),(f)

Vessel Type	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	Yes	Condenser	N/A	Performance test per §63.772(e)(3)	511-01-037	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(E),(5)(ii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(6)(7),(9),(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(v),(vii),(viii),(f)
				Design analysis per §63.772(e)(4)	511-01-038	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(D),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(E),(5)(ii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(v),(vii),(viii),(f)
		Regenerable carbon adsorption system (CAS)	N/A	Prior performance test per §63.772(e)(1)(vi)	511-01-039	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(F),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
				Performance test per §63.772(e)(3)	511-01-040	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(F),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(6)(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
				Design analysis per §63.772(e)(4)	511-01-041	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(E),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(F),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)

Vessel Type	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	Yes	Non-regenerable CAS	N/A	Prior performance test per §63.772(e)(1)(vi)	511-01-042	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i),(5)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(G),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
				Performance test per §63.772(e)(3)	511-01-043	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i),(5)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(G),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(6)(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
				Design analysis per §63.772(e)(4)	511-01-044	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i),(5)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(F),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(G),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
	No	Thermal vapor incinerator	Reduces the mass content of either TOC or total HAP by > 95 weight percent	Prior performance test per §63.772(e)(1)(vi)	511-01-046	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(A),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
		Flare	N/A	N/A	511-01-045	§63.11(b) §63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(3)(i),(ii),(d)(1),(iii),(4)(i)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(2),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(3)(i)(C),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(2),(6),(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)

Vessel Type	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	No	Thermal vapor incinerator	Reduces the mass content of either TOC or total HAP by > 95 weight percent	Performance test per §63.772(e)(3)	511-01-047	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(A),(4)(i)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(6)(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
				Design analysis per §63.772(e)(4)	511-01-048	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(A),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(i)(A),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
			Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Prior performance test per §63.772(e)(1)(vi)	511-01-049	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(B),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
				Performance test per §63.772(e)(3)	511-01-050	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(B),(4)(i)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(6)(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)

Vessel Type	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	No	Thermal vapor incinerator	Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Design analysis per §63.772(e)(4)	511-01-051	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(B),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(i)(A),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
			Provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C	Prior performance test per §63.772(e)(1)(vi)	511-01-052	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(C),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
				Performance test per §63.772(e)(3)	511-01-053	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(C),(4)(i)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(6)(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
				Design analysis per §63.772(e)(4)	511-01-054	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(C),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(i)(A),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(A),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)

Vessel Type	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	No	Catalytic vapor incinerator	Reduces the mass content of either TOC or total HAP by > 95 weight percent	Prior performance test per §63.772(e)(1)(vi)	511-01-055	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(A),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
				Performance test per §63.772(e)(3)	511-01-056	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(A),(4)(i)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(6)(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
				Design analysis per §63.772(e)(4)	511-01-057	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(A),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(i)(B),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
			Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Prior performance test per §63.772(e)(1)(vi)	511-01-058	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(B),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)

Vessel Type	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	No	Catalytic vapor incinerator	Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Performance test per §63.772(e)(3)	511-01-059	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(B),(4)(i)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(6)(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
				Design analysis per §63.772(e)(4)	511-01-060	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(B),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(i)(B),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
			Provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C	Prior performance test per §63.772(e)(1)(vi)	511-01-061	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(C),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
			Performance test per §63.772(e)(3)	511-01-062	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(C),(4)(i)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(6)(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)	

Vessel Type	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	No	Catalytic vapor incinerator	Provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C	Design analysis per §63.772(e)(4)	511-01-063	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(C),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(i)(B),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(B),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
		Boiler or process heater	Reduces the mass content of either TOC or total HAP by > 95 weight percent	Exempt from performance test or design analysis since design heat input capacity > 44 MW	511-01-064	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(A),(D),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
				Exempt from performance test or design analysis since vent stream introduced with the primary fuel or used as the primary fuel	511-01-065	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(A),(D),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
				Prior performance test per §63.772(e)(1)(vi)	511-01-066	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(A),(D),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
				Performance test per §63.772(e)(3)	511-01-067	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(A),(D),(4)(i)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)

Vessel Type	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	No	Boiler or process heater	Reduces the mass content of either TOC or total HAP by > 95 weight percent	Design analysis per §63.772(e)(4)	511-01-068	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2), (d)(1),(i)(A),(D),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(i)(C),(ii), (d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1), (3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i), (ii),(5)-(8) §63.775(b)(1)-(6),(d),(6),(7), (9),(10),(e),(1),(2)(iii),(f)
			Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Exempt from performance test or design analysis since design heat input capacity > 44 MW	511-01-069	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2), (d)(1),(i)(B),(D),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3), (ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7), (9),(10),(e),(1),(2)(iii),(f)
				Exempt from performance test or design analysis since vent stream introduced with the primary fuel or used as the primary fuel	511-01-070	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2), (d)(1),(i)(B),(D),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3), (ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7), (9),(10),(e),(1),(2)(iii),(f)
				Prior performance test per §63.772(e)(1)(vi)	511-01-071	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2), (d)(1),(i)(B),(D),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3), (ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1), (3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i), (ii),(5)-(8) §63.775(b)(1)-(6),(d),(6),(7), (9),(10),(e),(1),(2)(iii),(f)
				Performance test per §63.772(e)(3)	511-01-072	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2), (d)(1),(i)(B),(D),(4)(i)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3), (ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1), (3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i), (ii),(5)-(8) §63.775(b)(1)-(6),(d),(6),(7), (9),(10),(e),(1),(2)(iii),(f)

Vessel Type	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	No	Boiler or process heater	Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Design analysis per §63.772(e)(4)	511-01-073	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(B),(D),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(i)(C),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
			Provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C	Exempt from performance test or design analysis since design heat input capacity > 44 MW	511-01-074	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(C),(D),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
			Exempt from performance test or design analysis since vent stream introduced with the primary fuel or used as the primary fuel	511-01-075	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(C),(D),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)	
			Prior performance test per §63.772(e)(1)(vi)	511-01-076	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(C),(D),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)	
			Performance test per §63.772(e)(3)	511-01-077	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(C),(D),(4)(i)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)	

Vessel Type	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	No	Boiler or process heater	Provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C	Design analysis per §63.772(e)(4)	511-01-078	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(i)(C),(D),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(i)(C),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(D),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
		Condenser	N/A	Prior performance test per §63.772(e)(1)(vi)	511-01-079	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(E),(5)(ii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(vii),(viii),(f)
				Performance test per §63.772(e)(3)	511-01-080	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(4)(i)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(E),(5)(ii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(6)(7),(9),(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(vii),(viii),(f)
				Design analysis per §63.772(e)(4)	511-01-081	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(i)(D),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(E),(5)(ii) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(vii),(viii),(f)

Vessel Type	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	No	Regenerable CAS	N/A	Prior performance test per §63.772(e)(1)(vi)	511-01-082	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2), (d)(1),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3), (ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1), (3)(i)(F),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i), (ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7) (9),(10),(e),(1),(2),(i),(ii), (A),(D),(iii),(vii),(viii),(f)
				Performance test per §63.772(e)(3)	511-01-083	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2), (d)(1),(4)(i)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3), (ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1), (3)(i)(F),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i), (ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(6) (7),(9),(10),(e),(1),(2),(i),(ii), (A),(D),(iii),(vii),(viii),(f)
				Design analysis per §63.772(e)(4)	511-01-084	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2), (d)(1),(4)(i)	§63.771(d)(3) §63.772(c),(e),(4)(i)(E),(ii), (d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1), (3)(i)(F),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i), (ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7) (9),(10),(e),(1),(2),(i),(ii), (A),(D),(iii),(vii),(viii),(f)
		Non-regenerable CAS	N/A	Prior performance test per §63.772(e)(1)(vi)	511-01-085	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2), (d)(1),(4)(i),(d)(5)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(d)(3), (ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1), (3)(i)(F),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i), (ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7) (9),(10),(e),(1),(2),(i),(ii), (A),(D),(iii),(vii),(viii),(f)

Vessel Type	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Vessel affected by 40 CFR Part 60, Subpart HH  AND  Equipped with a cover connected through a closed vent system, to a control device or a combination of control devices	No	Non-regenerable CAS	N/A	Performance test per §63.772(e)(3)	511-01-086	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(4)(i),(d)(5)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(F),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(6)(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
				Design analysis per §63.772(e)(4)	511-01-087	§63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(4)(i),(d)(5)	§63.771(d)(3) §63.772(c),(e),(4)(i)(F),(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(1),(3)(i)(F),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7)(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
		Flare	N/A	N/A	511-01-088	§63.11(b) §63.766(b)(1),(c) §63.764(a) §63.771(b),(c)(1),(2),(d)(1),(iii),(4)(i),(d)(5)	§63.771(d)(3) §63.772(c),(e),(2),(4)(ii),(d)(3),(ii),(iii),(6)-(9) §63.773(c)(2)(i),(ii),(iii),(d)(3)(i)(C),(5)(i) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(2),(6),(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)

(2) The following permit table lists the requirements for Glycol Dehydration Unit Vents affected by 40 CFR Part 63, Subpart HH.

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Rate < 85,000	N/A	N/A	N/A	N/A	N/A	N/A	511-02-001	§63.764(e)(1)(i) §63.764(a)	§63.772(b)(1)(i),(ii) §63.775(a)	§63.760(a)(1)(ii) §63.774(a),(d)(1)(i)
Flowrate > 85,000	Mg/yr < 0.90	N/A	N/A	N/A	N/A	N/A	511-02-002	§63.764(e)(1)(ii) §63.764(a)	§63.772(b)(2)(i),(ii) §63.775(a)	§63.760(a)(1)(ii) §63.774(a),(d)(1)(ii)
	Mg/yr > 0.90	Connected to a natural gas line	N/A	N/A	N/A	N/A	511-02-003	§63.762(b),(c) §63.764(a) §63.765(c)(1),(3)	§63.762(d)	§63.775(b)(1),(3)-(6)
		Closed-vent system and control device per §63.765(b)(1)(i)	Yes	Thermal vapor incinerator	Reduces the mass content of either TOC or total HAP by > 95 weight percent	Prior performance test per §63.772(e)(1)(vi)	511-02-004	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(A),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d)(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(v)(iii),(f)
						Performance test per §63.772(e)(3)	511-02-005	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(A),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(v)(iii),(f)
					Design analysis per §63.772(e)(4)	511-02-006	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(A),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(A),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(v)(iii),(f)	

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	Yes	Thermal vapor incinerator	Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Prior performance test per §63.772(e)(1)(vi)	511-02-007	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(B),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(v)(iii),(f)
						Performance test per §63.772(e)(3)	511-02-008	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(B),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(v)(iii),(f)
						Design analysis per §63.772(e)(4)	511-02-009	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(B),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(A),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(v)(iii),(f)
					Provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C	Prior performance test per §63.772(e)(1)(vi)	511-02-010	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(C),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(v)(iii),(f)
					Performance test per §63.772(e)(3)	511-02-011	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(C),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(v)(iii),(f)	

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	Yes	Thermal vapor incinerator	Provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C	Design analysis per §63.772(e)(4)	511-02-012	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(C),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(A),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(v)(iii),(f)
				Catalytic vapor incinerator	Reduces the mass content of either TOC or total HAP by > 95 weight percent	Prior performance test per §63.772(e)(1)(vi)	511-02-013	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(A),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(v)(iii),(f)
						Performance test per §63.772(e)(3)	511-02-014	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(A),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(v)(iii),(f)
						Design analysis per §63.772(e)(4)	511-02-015	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(A),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(B),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(v)(iii),(f)
						Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Prior performance test per §63.772(e)(1)(vi)	511-02-016	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(B),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	Yes	Catalytic vapor incinerator	Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Performance test per §63.772(e)(3)	511-02-017	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(B),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d)(1),(4)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(v)(iii),(f)
						Design analysis per §63.772(e)(4)	511-02-018	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(B),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(B),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d)(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(v)(iii),(f)
						Prior performance test per §63.772(e)(1)(vi)	511-02-019	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(C),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d)(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(v)(iii),(f)
						Performance test per §63.772(e)(3)	511-02-020	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(C),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d)(1),(4)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(v)(iii),(f)
						Design analysis per §63.772(e)(4)	511-02-021	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(C),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(B),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d)(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(v)(iii),(f)

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	Yes	Boiler or process heater	Reduces the mass content of either TOC or total HAP by > 95 weight percent	Design heat input capacity > 44 MW	511-02-022	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(A),(D),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(ii),(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
						Vent stream introduced with the primary fuel or used as the primary fuel	511-02-023	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(A),(D),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(ii),(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
						Prior performance test per §63.772(e)(1)(vi)	511-02-024	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(A),(D),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
						Performance test per §63.772(e)(3)	511-02-025	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(A),(D),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
						Design analysis per §63.772(e)(4)	511-02-026	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(A),(D),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(C),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	Yes	Boiler or process heater	Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Design heat input capacity > 44 MW	511-02-027	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(B),(D),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(ii),(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
						Vent stream introduced with the primary fuel or used as the primary fuel	511-02-028	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(B),(D),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(ii),(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
						Prior performance test per §63.772(e)(1)(vi)	511-02-029	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(B),(D),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
						Performance test per §63.772(e)(3)	511-02-030	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(B),(D),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
						Design analysis per §63.772(e)(4)	511-02-031	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(B),(D),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(C),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	Yes	Boiler or process heater	Provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C	Design heat input capacity > 44 MW	511-02-032	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(C),(D),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(ii),(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
						Vent stream introduced with the primary fuel or used as the primary fuel	511-02-033	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(C),(D),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(ii),(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
						Prior performance test per §63.772(e)(1)(vi)	511-02-034	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(C),(D),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
						Performance test per §63.772(e)(3)	511-02-035	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(C),(D),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)
						Design analysis per §63.772(e)(4)	511-02-036	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(c)(3)(i),(ii),(d)(1),(i)(C),(D),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(C),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(v),(f)

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	Yes	Condenser	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-037	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(ii),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(f) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(E),(ii),(iii),(5)(ii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii)(B),(iii),(iv),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(v),(vii),(viii),(f)
						Performance test per §63.772(e)(3)	511-02-038	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(ii),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3)(4)(ii),(f) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(E),(ii),(iii),(5)(ii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii)(B),(iii),(iv),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(7)(9),(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(v),(vii),(viii),(f)
						Design analysis per §63.772(e)(4)	511-02-039	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(ii),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(D),(ii),(f) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(E),(ii),(iii),(5)(ii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii)(B),(iii),(iv),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(v),(vii),(viii),(f)
						Performance Test / Design Analysis Alternative	511-02-040	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(ii),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(5),(f) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(E),(ii),(iii),(5)(ii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii)(B),(iii),(iv),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(v),(vii),(viii),(f)
				Regenerable carbon adsorption system (CAS)	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-041	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(F),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting		
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	Yes	Regenerable CAS	N/A	Performance test per §63.772(e)(3)	511-02-042	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(F),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d)(1),(4)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)		
						Design analysis per §63.772(e)(4)	511-02-043	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(E),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(F),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d)(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)		
						Non-regenerable CAS	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-044	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i),(5) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(G),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d)(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
								Performance test per §63.772(e)(3)	511-02-045	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i),(5) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(G),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d)(1),(4)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
				Non-regenerable CAS	N/A	Design analysis per §63.772(e)(4)	511-02-046	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i),(5) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(F),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(G),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d)(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)		

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	Yes	Flare	N/A	N/A	511-02-047	§63.11(b) §63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(iii),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(2)(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(i)(C),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii)(A),(iii),(iv),(5)-(8),(e) §63.775(b)(1)-(6),(d),(2),(6),(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v),(vii),(viii),(f)
			No	Thermal vapor incinerator	Reduces the mass content of either TOC or total HAP by > 95 weight percent	Prior performance test per §63.772(e)(1)(vi)	511-02-048	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(d)(1),(i)(A),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
						Performance test per §63.772(e)(3)	511-02-049	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(d)(1),(i)(A),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
						Design analysis per §63.772(e)(4)	511-02-050	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(d)(1),(i)(A),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(A),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	No	Thermal vapor incinerator	Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Prior performance test per §63.772(e)(1)(vi)	511-02-051	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(B),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
						Performance test per §63.772(e)(3)	511-02-052	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(B),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
						Design analysis per §63.772(e)(4)	511-02-053	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(B),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(A),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
						Prior performance test per §63.772(e)(1)(vi)	511-02-054	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(C),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
					Provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C					

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	No	Thermal vapor incinerator	Provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C	Performance test per §63.772(e)(3)	511-02-055	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(C),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
						Design analysis per §63.772(e)(4)	511-02-056	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(C),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(A),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
						Prior performance test per §63.772(e)(1)(vi)	511-02-057	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(d)(1),(i)(A),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
				Catalytic vapor incinerator	Reduces the mass content of either TOC or total HAP by > 95 weight percent	Performance test per §63.772(e)(3)	511-02-058	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(d)(1),(i)(A),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	No	Catalytic vapor incinerator	Reduces the mass content of either TOC or total HAP by > 95 weight percent	Design analysis per §63.772(e)(4)	511-02-059	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(d)(1),(i)(A),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(b),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
					Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Prior performance test per §63.772(e)(1)(vi)	511-02-060	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(B),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
						Performance test per §63.772(e)(3)	511-02-061	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(B),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
						Design analysis per §63.772(e)(4)	511-02-062	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(B),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(b),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	No	Catalytic vapor incinerator	Provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C	Prior performance test per §63.772(e)(1)(vi)	511-02-063	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(C),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
						Performance test per §63.772(e)(3)	511-02-064	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(C),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
						Design analysis per §63.772(e)(4)	511-02-065	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(C),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(b),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
				Boiler or process heater	Reduces the mass content of either TOC or total HAP by > 95 weight percent	Design heat input capacity > 44 MW	511-02-066	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(A),(D),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(ii),(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
						Vent stream introduced with the primary fuel or used as the primary fuel	511-02-067	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(A),(D),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(ii),(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	No	Boiler or process heater	Reduces the mass content of either TOC or total HAP by > 95 weight percent	Prior performance test per §63.772(e)(1)(vi)	511-02-068	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(A),(D),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
						Performance test per §63.772(e)(3)	511-02-069	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(A),(D),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
						Design analysis per §63.772(e)(4)	511-02-070	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(A),(D),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(C),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
					Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Design heat input capacity > 44 MW	511-02-071	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(B),(D),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(ii),(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
						Vent stream introduced with the primary fuel or used as the primary fuel	511-02-072	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(B),(D),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(ii),(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
						Prior performance test per §63.772(e)(1)(vi)	511-02-073	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(B),(D),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	No	Boiler or process heater	Reduces the concentration of either TOC or total HAP to a level < 20 ppmv on a dry basis corrected to 3% oxygen	Performance test per §63.772(e)(3)	511-02-074	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(B),(D),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
						Design analysis per §63.772(e)(4)	511-02-075	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(B),(D),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(C),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
					Provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C	Design heat input capacity > 44 MW	511-02-076	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(C),(D),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(ii),(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
						Vent stream introduced with the primary fuel or used as the primary fuel	511-02-077	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(C),(D),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(ii),(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
						Prior performance test per §63.772(e)(1)(vi)	511-02-078	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(C),(D),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
						Performance test per §63.772(e)(3)	511-02-079	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(C),(D),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	No	Boiler or process heater	Provides a minimum residence time of 0.5 seconds at a minimum temperature of 760° C	Design analysis per §63.772(e)(4)	511-02-080	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(i)(C),(D),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(C),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(8) §63.775(b)(1)-(6),(d),(6),(7),(9),(10),(e),(1),(2)(iii),(f)
				Condenser	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-081	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(E),(ii),(iii),(5)(ii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)(i),(ii)(B),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(vii),(viii),(f)
						Performance test per §63.772(e)(3)	511-02-082	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(3)(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(E),(ii),(iii),(5)(ii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)(i),(ii)(B),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(7)(9),(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(vii),(viii),(f)
						Design analysis per §63.772(e)(4)	511-02-083	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(D),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(E),(ii),(iii),(5)(ii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)(i),(ii)(B),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(vii),(viii),(f)

						Performance Test/ Design Analysis Alternative	511-02-084	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2), (c)(3) §63.771(c)(1),(2),(d)(1), (4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(5) §63.773(c)(2)(i),(ii),(d)(1),(3), (i)(E),(ii),(iii),(5)(ii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)(i), (ii)(B),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7), (9),(10),(e),(1),(2),(i),(ii), (A)-(D),(iii),(vii),(viii),(f)
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Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	No	Regenerable CAS	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-085	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(F),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
						Performance test per §63.772(e)(3)	511-02-086	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(F),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
						Design analysis per §63.772(e)(4)	511-02-087	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(E),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(F),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
				Non-regenerable CAS	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-088	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i),(5) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(G),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device per §63.765(b)(1)(i)	No	Non-regenerable CAS	N/A	Performance test per §63.772(e)(3)	511-02-089	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i),(5) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(3)(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(G),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(4)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
						Design analysis per §63.772(e)(4)	511-02-090	§63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i),(5) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(F),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(G),(ii),(iii),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8) §63.775(b)(1)-(6),(d),(1),(5)-(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(f)
			Flare	N/A	N/A	511-02-091	§63.11(b) §63.762(b),(c) §63.764(a) §63.765(b)(1)(i),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(iii),(4)(i) §63.773(c)(3),(4)-(6)	§63.771(d)(3) §63.772(c),(e),(2),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(i)(C),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.764(b) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4),(i),(ii)(A),(5)-(8),(e) §63.775(b)(1)-(6),(d),(2),(6),(7),(9),(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vii),(viii),(x),(f)	
				Closed-vent system and control device with benzene emissions < 0.90 Mg/yr per §63.765(b)(1)(ii)	Yes	Thermal vapor incinerator	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-092	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)
						Performance test per §63.772(e)(3)	511-02-093	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(4)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v)-(viii),(f)



Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device with benzene emissions < 0.90 Mg/yr per §63.765(b)(1)(ii)	Yes	Thermal vapor incinerator	N/A	Design analysis per §63.772(e)(4)	511-02-094	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(A),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(5)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v)-(viii),(f)
				Catalytic vapor incinerator	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-095	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(5)(i)-(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(5)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v)-(viii),(f)
						Performance test per §63.772(e)(3)	511-02-096	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3)(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(5)(i)-(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(4)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v)-(viii),(f)
						Design analysis per §63.772(e)(4)	511-02-097	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(B),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(5)(i)-(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(5)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v)-(viii),(f)
				Boiler or process heater	N/A	Design heat input capacity > 44 MW	511-02-098	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(ii),(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)(iii)-(iv),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(6)-(10),(e),(1),(2)(iii),(v),(vi),(f)

						Vent stream introduced with the primary fuel or used as the primary fuel	511-02-099	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(ii),(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1),(2),(4)(iii)-(iv),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(6)-(10),(e),(1),(2)(iii),(v),(vi),(f)
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Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device with benzene emissions < 0.90 Mg/yr per §63.765(b)(1)(ii)	Yes	Boiler or process heater	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-100	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(6)-(10),(e),(1),(2)(iii),(v),(vi),(f)
						Performance test per §63.772(e)(3)	511-02-101	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(6)-(10),(e),(1),(2)(iii),(v),(vi),(f)
						Design analysis per §63.772(e)(4)	511-02-102	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(C),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(6)-(10),(e),(1),(2)(iii),(v),(vi),(f)
				Condenser	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-103	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(g) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(E),(5)(ii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(5)-(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(v)-(viii),(f)
Performance test per §63.772(e)(3)	511-02-104	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3)(4)(ii),(g) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(E),(5)(ii),(6)-(9) §63.775(a)			§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(4)-(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(v)-(viii),(f)				

						Design analysis per §63.772(e)(4)	511-02-105	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2), (c)(3) §63.771(c)(1),(2),(3)(i), (ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(D),(ii),(g) §63.773(c)(2)(i),(ii),(d)(1),(3), (i)(E),(5)(ii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1), (5)-(10),(e),(1),(2),(i),(ii), (A)-(D),(iii),(v)-(viii),(f)
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Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device with benzene emissions < 0.90 Mg/yr per §63.765(b)(1)(ii)	Yes	Condenser	N/A	Performance Test/ Design Analysis Alternative	511-02-106	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii),(5),(g) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(E),(5)(ii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(5)-(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(v)-(viii),(f)
				Regenerable CAS	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-107	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(F),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(5)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v)-(viii),(f)
						Performance test per §63.772(e)(3)	511-02-108	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(F),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(4)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v)-(viii),(f)
						Design analysis per §63.772(e)(4)	511-02-109	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(E),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(F),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(5)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v)-(viii),(f)
				Non-regenerable CAS	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-110	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i),(5) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(G),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(5)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v)-(viii),(f)

						Performance test per §63.772(e)(3)	511-02-111	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2), (c)(3) §63.771(c)(1),(2),(3)(i), (ii),(d)(1),(4)(i),(5) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3), (i)(G),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1), (4)-(10),(e),(1),(2),(i),(ii), (A),(D),(iii),(v)-(viii),(f)
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Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device with benzene emissions < 0.90 Mg/yr per §63.765(b)(1)(ii)	Yes	Non-regenerable CAS	N/A	Design analysis per §63.772(e)(4)	511-02-112	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(4)(i),(5) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(4)(i)(F),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(G),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(5)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v)-(viii),(f)
				Flare	N/A	N/A	511-02-113	§63.11(b) §63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(3)(i),(ii),(d)(1),(iii),(4)(i) §63.773(c)(3),(4)	§63.771(c)(3)(i)(A)-(B),(d)(3) §63.772(c),(e),(2),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3)(i)(C),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8),(e) §63.775(b)(1)-(6),(d),(2),(6)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(v)-(viii),(f)
			No	Thermal vapor incinerator	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-114	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(5)(i),(3),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(5)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vi)-(viii),(f)
						Performance test per §63.772(e)(3)	511-02-115	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(3)(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(4)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vi)-(viii),(f)
						Design analysis per §63.772(e)(4)	511-02-116	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(A),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(A),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(5)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vi)-(viii),(f)

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device with benzene emissions < 0.90 Mg/yr per §63.765(b)(1)(ii)	No	Catalytic vapor incinerator	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-117	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d)(1),(5)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vi)-(viii),(f)
						Performance test per §63.772(e)(3)	511-02-118	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d)(1),(4)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vi)-(viii),(f)
						Design analysis per §63.772(e)(4)	511-02-119	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(B),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(B),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d)(1),(5)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vi)-(viii),(f)
				Boiler or process heater	N/A	Design heat input capacity > 44 MW	511-02-120	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(ii),(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1),(2),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(6)-(10),(e),(1),(2)(iii),(vi),(f)
						Vent stream introduced with the primary fuel or used as the primary fuel	511-02-121	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(ii),(iii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1),(2),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(6)-(10),(e),(1),(2)(iii),(vi),(f)

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting				
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device with benzene emissions < 0.90 Mg/yr per §63.765(b)(1)(ii)	No	Boiler or process heater	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-122	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(6)-(10),(e),(1),(2)(iii),(vi),(f)				
						Performance test per §63.772(e)(3)	511-02-123	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(6)-(10),(e),(1),(2)(iii),(vi),(f)				
						Design analysis per §63.772(e)(4)	511-02-124	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(C),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(D),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(6)-(10),(e),(1),(2)(iii),(vi),(f)				
								Condenser	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-125	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(g) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(E),(5)(ii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(5)-(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(vi)-(viii),(f)
										Performance test per §63.772(e)(3)	511-02-126	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii),(g) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(E),(5)(ii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(4)-(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(vi)-(viii),(f)

						Design analysis per §63.772(e)(4)	511-02-127	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2), (c)(3) §63.771(c)(1),(2),(d)(1), (4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(D),(ii),(g) §63.773(c)(2)(i),(ii),(d)(1),(3), (i)(E),(5)(ii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1), (5)-(10),(e),(1),(2),(i),(ii), (A)-(D),(iii),(vi)-(viii),(f)
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Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device with benzene emissions < 0.90 Mg/yr per §63.765(b)(1)(ii)	No	Condenser	N/A	Performance Test/ Design Analysis Alternative	511-02-128	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii),(5),(g) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(E),(5)(ii),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(5)-(10),(e),(1),(2),(i),(ii),(A)-(D),(iii),(vi)-(viii),(f)
				Regenerable CAS	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-129	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(F),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(5)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vi)-(viii),(f)
						Performance test per §63.772(e)(3)	511-02-130	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(F),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(4)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vi)-(viii),(f)
						Design analysis per §63.772(e)(4)	511-02-131	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(E),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(F),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(5)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vi)-(viii),(f)
				Non-regenerable CAS	N/A	Prior performance test per §63.772(e)(1)(vi)	511-02-132	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i),(5) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(G),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d),(1),(5)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vi)-(viii),(f)

Annual Average Flowrate (scm/day)	Average Precontrol Benzene Emissions (Mg/yr)	Process Vent Control	Bypass Device	Control Device Type	Control Device Operation	Performance Test or Design Analysis	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Flowrate > 85,000	Mg/yr > 0.90	Closed-vent system and control device with benzene emissions < 0.90 Mg/yr per §63.765(b)(1)(ii)	No	Non-regenerable CAS	N/A	Performance test per §63.772(e)(3)	511-02-133	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i),(5) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(3),(4)(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(G),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d)(1),(4)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vi)-(viii),(f)
						Design analysis per §63.772(e)(4)	511-02-134	§63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(4)(i),(5) §63.773(c)(3),(4)	§63.771(d)(3) §63.772(c),(e),(4)(i)(F),(ii) §63.773(c)(2)(i),(ii),(d)(1),(3),(i)(G),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1)-(3),(4)(i),(ii),(5)-(8),(c),(d)(8) §63.775(b)(1)-(6),(d)(1),(5)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vi)-(viii),(f)
				Flare	N/A	N/A	511-02-135	§63.11(b) §63.762(b),(c) §63.764(a) §63.765(b)(1)(ii),(2),(c)(3) §63.771(c)(1),(2),(d)(1),(iii),(4)(i) §63.773(c)(3),(4)-(6)	§63.771(d)(3) §63.772(c),(e),(2),(4)(ii) §63.773(c)(2)(i),(ii),(d)(3),(i)(C),(5)(i),(6)-(9) §63.775(a)	§63.760(a)(1)(ii) §63.762(d) §63.773(d)(4) §63.774(a),(b)(1),(2),(3),(4)(i),(ii)(A),(5)-(8),(c),(d)(8),(e) §63.775(b)(1)-(6),(d)(2),(6)-(10),(e),(1),(2),(i),(ii),(A),(D),(iii),(vi)-(viii),(x),(f)

(3) The following permit table lists the requirements for Ancillary Equipment (Compressors, Pumps, Pressure Relief Devices, Sampling Connection Systems, Open-ended Valves or Lines, Valves, Flanges, or Other Connectors) affected by 40 CFR Part 63, Subpart HH.

Unit Subject to 40 CFR Part 60, Subpart KKK	VHAP Weight Percent	VHAP Service Operating Hours (hr/yr)	Component Type	Type of Service	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Yes	NA	NA	NA	NA	511-03-001	§63.760(g)(1)	None	§63.774(b)(9)
No	Unit contains or contacts a fluid with a VHAP concentration < 10% weight	NA	NA	NA	511-03-002	§63.764(a),(e)(2)(i)	[G]§63.772(a) §63.775(a)	§63.760(a)(1)(ii) §63.774(a),(d)(2)(i)
		Service < 300	NA	NA	511-03-003	§63.764(a),(e)(2)(ii)	§63.775(a)	§63.760(a)(1)(ii) §63.774(a),(d)(2)(ii)
	Unit contains or contacts a fluid with a VHAP concentration > 10% weight	Service > 300	Any component in vacuum service	NA	511-03-004	§61.242-1(e) §63.769(c)	None	[G]§61.246(e) §63.774(a)
			Sampling connection system	NA	511-03-005	None §63.769(c)(4)	None	None
			Pumps	Located at a nonfractionating plant with a design capacity < 283,000 scm/day	511-03-006	§61.242-1(a),(b),(d) §61.242-2(a)(2),[G](b)-(e), (f)-(g) [G]§61.242-10 §63.769(c)	§61.242-2(a)(2), [G](d),(f) [G]§61.245(b)-(d)	[G]§61.246(a)-(c),[G](e), [G](h)-(i),(j) [G]§61.247(a)-(b),(c),[G](e) §63.774(a)
				Located at a nonfractionating plant with a design capacity > 283,000 scm/day	511-03-007	§61.242-1(a),(b),(d) [G]§61.242-2 [G]§61.242-10 §63.769(c)	[G]§61.242-2 [G]§61.245(b)-(d)	[G]§61.246(a)-(c),[G](e), [G](h)-(i),(j) [G]§61.247(a)-(b),(c),[G](e) §63.774(a)
			Compressors	Reciprocating compressor in wet gas service	511-03-008	§63.769(c)(7)	None	§63.774(a)
				Other	511-03-009	§63.769(c) [G]§61.242-3 §61.242-1(a)-(b),(d) [G]§61.242-10	[G]§61.242-3 [G]§61.245(b)-(d)	§63.774(a) [G]§61.246(a)-(c),[G](e), [G](h)-(i),(j) [G]§61.247(a)-(b),(c),[G](e)
			Pressure relief devices in gas/vapor service	Located at a nonfractionating plant monitored only by non-facility personnel	511-03-010	§63.769(c) §61.242-1(a)-(b),(d) [G]§61.242-4 [G]§61.242-10 §63.769(c)(2),(3)	[G]§61.245(b)-(d) §63.769(c)(1)(ii)	§63.774(a) [G]§61.246(a),[G](e),[G](i),(j) [G]§61.247(a)-(b),(c),[G](e)
				Located at a nonfractionating plant with a design capacity < 283,000 scm/day	511-03-011	§63.769(c) [G]§61.242-4 §61.242-1(a)-(b),(d) [G]§61.242-10	[G]§61.242-4 [G]§61.245(b)-(d)	§63.774(a) [G]§61.246(a),[G](e),[G](i),(j) [G]§61.247(a)-(b),(c),[G](e)

Unit Subject to 40 CFR Part 60, Subpart KKK	VHAP Weight Percent	VHAP Service Operating Hours (hr/yr)	Component Type	Operating Scenario	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
No	Unit contains or contacts a fluid with a VHAP concentration > 10% weight	Service > 300	Pressure relief devices in gas/vapor service	Located at a nonfractionating plant with a design capacity > 283,000 scm/day or at a fractionation plant	511-03-012	§63.769(c) §61.242-4(c) §61.242-1(a)-(b),(d) [G]§61.242-10 §63.769(c)(1)(2),(3)	[G]§61.245(b)-(d) §63.769(c)(1)	§63.774(a) [G]§61.246(a),[G](e),[G](i),(j) [G]§61.247(a)-(b),(c),[G](e)
			Open ended valves	Any	511-03-013	§63.769(c) §61.242-1(a)-(b),(d) [G]§61.242-6 [G]§61.242-10	[G]§61.245(d)	§63.774(a) [G]§61.246(a),[G](e),[G](i),(j) [G]§61.247(a)-(b),(c),[G](e)
			Valves in gas/vapor or light liquid service	Located at a nonfractionating plant with a design capacity < 283,000 scm/day	511-03-014	§63.769(c) §61.242-1(a),(b),(d) §61.242-7(b),[G](c)-(h) [G]§61.242-10 [G]§61.243-1 [G]§61.243-2	[G]§61.242-7(c), [G](g)-(h) [G]§61.243-1 [G]§61.245(b)-(d)	§63.774(a) [G]§61.246(a)-(c),[G](e)-(g), [G](i),(j) [G]§61.247(a)-(b),(c),(d),[G](e)
				Located at a nonfractionating plant with a design capacity > 283,000 scm/day or at a fractionation plant	511-03-015	§63.769(c) §61.242-1(a),(b),(d) [G]§61.242-7 [G]§61.242-10 [G]§61.243-1 [G]§61.243-2	[G]§61.242-7 [G]§61.243-1 [G]§61.245(b)-(d)	§63.774(a) [G]§61.246(a)-(c),[G](e)-(g), [G](i),(j) [G]§61.247(a)-(b),(c),(d),[G](e)
			Pressure relief devices in liquid service, flanges or other connectors	Any	511-03-016	§63.769(c) §61.242-1(a),(b),(d) [G]§61.242-8 [G]§61.242-10	[G]§61.242-8 [G]§61.245(b)-(d)	§63.774(a) [G]§61.246(a)-(c),[G](e),[G](i),(j) [G]§61.247(a)-(b),(c),[G](e)
			Product accumulator vessels	Any	511-03-017	§63.769(c) §61.242-1(a),(b),(d) [G]§61.242-9	[G]§61.245(d)	§63.774(a) [G]§61.246(a),[G](e),[G](i),(j) [G]§61.247(a)-(b),(c),[G](e)
			Vapor recovery system	Any	511-03-018	§63.769(c) §61.242-1(a),(b),(d) §61.242-11(b),(e),(m)	[G]§61.245(d)	§63.774(a) [G]§61.246(a),[G](d)-(e),[G](i),(j) [G]§61.247(a)-(b),(c),[G](e)
			Enclosed combustion device	Any	511-03-019	§63.769(c) §61.242-1(a),(b),(d) §61.242-11(c),(e),(m)	[G]§61.245(d)	§63.774(a) [G]§61.246(a),[G](d)-(e),[G](i),(j) [G]§61.247(a)-(b),(c),[G](e)
			Flare	Any	511-03-020	§63.11(b) §63.769(c) §61.242-1(a),(b),(d) §61.242-11(e),(m)	[G]§61.245(d),(e)	§63.774(a) [G]§61.246(a),[G](d)-(e),[G](i),(j) [G]§61.247(a)-(b),(c),[G](e)
			Closed vent system	Any	511-03-021	§63.769(c) §61.242-1(a),(b),(d) [G]§61.242-10 [G]§61.242-11(f)(g),(h)-(i), (m),[G](j)-(k),(m)	§61.242-11(f) [G]§61.245(b)-(d)	§61.242-11(l) §63.774(a) [G]§61.246(a),[G](d)-(e),[G](i),(j) [G]§61.247(a)-(b),(c),[G](e)

(4) The following permit table lists the requirements for Heaters affected by 30 TAC Chapter 117, Subchapter B, Division 3 and located in the Houston/Galveston area.

RACT or ESAD	Maximum Rated Capacity (MRC) (MMBtu/hour)	Service Date	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
RACT	MRC < 2		511-04-001	None [§117.203(a)(9)]	None	None
	2 < MRC < 40	N/A	511-04-002	§117.205(h)(1)	None	§117.209(a),(1),(c),(1),(3)
	40 < MRC < 100	On/Before 11/15/92	511-04-003	§117.205(h)(1),(i)(2)	None	§117.209(a),(c) §117.215(a) §117.219(a)
		After 11/15/92	511-04-004	§117.205(h)(1)	None	
		New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93	511-04-005	§117.205(h)(8),(i)(2)	None	§117.209(a),(c) §117.215(a) §117.219(a)
ESAD	MRC < 40	N/A	511-04-006	§117.206(c)(8)(A)(ii),(17), (d)(2),(e)(1),(2), (3)(B), (f)(4),(h)	§117.211(a)(1),(A),(2),(4),(b),(d), (e)(1)-(5),(g) §117.214(a),(b)(1),(c)	§117.216(a),(1)(A),(E),(2)-(5),(c) §117.217(1),(3) §117.219(a)-(c),(f),(8),(9)
	40 < MRC < 100	N/A	511-04-007	§117.206(c)(8)(A)(i),(17), (d)(2),(e)(1),(2), (3)(B), (f)(4),(h)	§117.211(a)(1),(A),(2),(4),(b),(d), (e)(1)-(5),(g) §117.214(a),(b)(1),(c)	§117.216(a),(1)(A),(E),(2)-(5),(c) §117.217(1),(3) §117.219(a)-(c),(f),(8),(9)

(5) The following permit table lists the requirements for Stationary Gas Turbines affected by 40 CFR Part 60, Subpart GG.

Construction, Modification, or Reconstruction Date	Heat Input at Peak Load and Rated Base Load, if Applicable	Turbine Cycle	Type of Service	NO <sub>x</sub> Emission Control Method	Previous Custom Fuel Schedule	Monitoring	Index No.	Regulatory Requirements [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
On/before 10/3/77	Any	Any	Any	N/A	NA	N/A	511-05-001	None [§60.330(b)]	None	None
After 10/3/77 and On/Before 10/3/82	Heat Input < 10 MMBtu/hr based on lower heating value of fuel fired	Any	Any	N/A	NA	N/A	511-05-002	None [§60.330(a)]	None	None
	N/A	Yes	N/A	511-05-004	§60.332(l) §60.333(b)	§60.334(h),(h)(4)	None			
	Simple	Emergencies or firefighting	N/A	No	N/A	511-05-005	§60.332(g) §60.333(b)	§60.334(h),[G](h)(3)	None	
				Yes	N/A	511-05-006	§60.332(g) §60.333(b)	§60.334(h),(h)(4)	None	
		Research and development	N/A	No	N/A	511-05-007	§60.332(h) §60.333(b)	§60.334(h),[G](h)(3)	None	
				Yes	N/A	511-05-008	§60.332(h) §60.333(b)	§60.334(h),(h)(4)	None	
		Other	N/A	No	N/A	511-05-009	§60.332(e) §60.333(b)	§60.334(h),[G](h)(3)	None	
				Yes	N/A	511-05-010	§60.332(e) §60.333(b)	§60.334(h),(h)(4)	None	
	Heat input >100 MMBtu/hr based on lower heating value of fuel and the base load < 30MW	Any	Emergencies or firefighting	N/A	No	N/A	511-05-011	§60.332(g) §60.333(b)	§60.334(h),[G](h)(3)	None
					Yes	N/A	511-05-012	§60.332(g) §60.333(b)	§60.334(h),(h)(4)	None
		Research and development	N/A	No	N/A	511-05-013	§60.332(h) §60.333(b)	§60.334(h),[G](h)(3)	None	
										Yes

Construction, Modification, or Reconstruction Date	Heat Input at Peak Load and Rated Base Load, if Applicable	Turbine Cycle	Type of Service	NO <sub>x</sub> Emission Control Method	Previous Custom Fuel Schedule	Monitoring	Index No.	Regulatory Requirements [Exemption]	Monitoring and Testing	Recordkeeping and Reporting					
After 10/3/77 and On/Before 10/3/82 (Continued)	Heat input >100 MMBtu/hr based on lower heating value of fuel and the base load < 30MW (Continued)	Any (Continued)	Other	Water or steam injection	No	Continuous Monitoring System	511-05-015	§60.332(a)(2),(3),(d),(f) §60.333(b)	§60.334(a),(g),(h),(h)(2),[G](h)(3),(i),(i)(2),(j),(j)(1),[G](j)(1)(i)-(ii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5),(9),(9)(ii),(c)(1)	§60.334(a),(g),(j),(j)(3),(5)					
						NOx CEMS	511-05-016	§60.332(a)(2),(3),(d),(f) §60.333(b)	[G]§60.334(b),(h),(h)(2),[G](h)(3),(i),(i)(2),(j),(j)(1),[G](j)(1)(ii)-(iii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5),(9),(9)(ii),(c)(1)	[G]§60.334(b),(j),(j)(3),(5)					
					Yes	Continuous Monitoring System	511-05-017	§60.332(a)(2),(3),(d),(f) §60.333(b)	§60.334(a),(g),(h),(h)(2),(h)(4),(i),(i)(2),(j),(j)(1),[G](j)(1)(i)-(ii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5),(9),(9)(ii),(c)(1)	§60.334(a),(g),(j),(j)(3),(5)					
						NOx CEMS	511-05-018	§60.332(a)(2),(3),(d),(f) §60.333(b)	[G]§60.334(b),(h),(h)(2),(h)(4),(i),(i)(2),(j),(j)(1),[G](j)(1)(i)-(iii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5),(9),(9)(ii),(c)(1)	[G]§60.334(b),(j),(j)(3),(5)					
					Other	No	NOx CEMS	511-05-019	§60.332(a)(2),(3) §60.333(b)	[G]§60.334(b),(h),(h)(2),[G](h)(3),(i),(i)(2),(j),(j)(1),[G](j)(1)(ii)-(iii) [G]§60.335(a),(b),(b)(1)-(2),(5)-(6),(9),(9)(ii),(c)(1)	[G]§60.334(b),(j),(j)(5)				
						Yes	NOx CEMS	511-05-020	§60.332(a)(2),(3) §60.333(b)	[G]§60.334(b),(h),(h)(2),(h)(4),(i),(i)(2),(j),(j)(1),[G](j)(1)(ii)-(iii) [G]§60.335(a),(b),(b)(1)-(2),(5)-(6),(9),(9)(ii),(c)(1)	[G]§60.334(b),(j),(j)(5)				
On/After 10/3/82 and On/Before 7/08/04	Heat Input < 10 MMBtu/hr based on lower heating value of fuel fired	Any		N/A	N/A	N/A	511-05-021	None [§60.330(a)]	None	None					
							Regenerative cycle gas turbines	Any	N/A	N/o	N/A	511-05-022	§60.332(l) §60.333(b)	§60.334(h),[G](h)(3)	None
									N/A	Yes	N/A	511-05-023	§60.332(l) §60.333(b)	§60.334(h),(h)(4)	None
							Simple	Emergencies or firefighting	N/A	N/o	N/A	511-05-024	§60.332(g) §60.333(b)	§60.334(h),[G](h)(3)	None
									N/A	Yes	N/A	511-05-025	§60.332(g) §60.333(b)	§60.334(h),(h)(4)	None

Construction, Modification, or Reconstruction Date	Heat Input at Peak Load and Rated Base Load, if Applicable	Turbine Cycle	Type of Service	NO <sub>x</sub> Emission Control Method	Previous Custom Fuel Schedule	Monitoring	Index No.	Regulatory Requirements [Exemption]	Monitoring and Testing	Recordkeeping and Reporting		
On/After 10/3/82 and On/Before 7/08/04 (Continued)	10 < Heat Input < 100 MMBtu based on lower heating value of fuel fired (Continued)	Simple (Continued)	Research and development	N/A	No	N/A	511-05-026	§60.332(h) §60.333(b)	§60.334(h),[G](h)(3)	None		
				N/A	Yes	N/A	511-05-027	§60.332(h) §60.333(b)	§60.334(h),(h)(4)	None		
			Other	Water or steam injection	No	Continuous Monitoring System	511-05-028	§60.332(a)(2),(3),(d),(f) §60.333(b)	§60.334(a),(g),(h),(h)(2),[G](h)(3),(i),(i)(2),(j),(j)(1),[G](j)(1)(i)-(ii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5),(9),(9)(ii),(c)(1)	§60.334(a),(g),(j),(j)(3),(5)		
							511-05-029	§60.332(a)(2),(3),(d),(f) §60.333(b)	[G]§60.334(b),(h),(h)(2),[G](h)(3),(i),(i)(2),(j),(j)(1),[G](j)(1)(ii)-(iii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5),(9),(9)(ii),(c)(1)	[G]§60.334(b),(j),(j)(3),(5)		
				Yes	Continuous Monitoring System	511-05-030	§60.332(a)(2),(3),(d),(f) §60.333(b)	§60.334(a),(g),(h),(h)(2),(h)(4),(i),(i)(2),(j),(j)(1),[G](j)(1)(i)-(ii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5),(9),(9)(ii),(c)(1)	§60.334(a),(g),(j),(j)(3),(5)			
						511-05-031	§60.332(a)(2),(3),(d),(f) §60.333(b)	[G]§60.334(b),(h),(h)(2),(h)(4),(i),(i)(2),(j),(j)(1),[G](j)(1)(i)-(iii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5),(9),(9)(ii),(c)(1)	[G]§60.334(b),(j),(j)(3),(5)			
				Other	No	NOx CEMS	511-05-032	§60.332(a)(2),(3) §60.333(b)	[G]§60.334(b),(h),(h)(2),[G](h)(3),(i),(i)(2),(j),(j)(1),[G](j)(1)(ii)-(iii) [G]§60.335(a),(b),(b)(1)-(2),(5)-(6),(9),(9)(ii),(c)(1)	[G]§60.334(b),(j),(j)(5)		
							511-05-033	§60.332(a)(2),(3) §60.333(b)	[G]§60.334(b),(h),(h)(2),(h)(4),(i),(i)(2),(j),(j)(1),[G](j)(1)(ii)-(iii) [G]§60.335(a),(b),(b)(1)-(2),(5)-(6),(9),(9)(ii),(c)(1)	[G]§60.334(b),(j),(j)(5)		
			Heat input >100 MMBtu/hr based on lower heating value of fuel and the base load < 30MW	Any	Emergencies or firefighting	N/A	No	N/A	511-05-034	§60.332(g) §60.333(b)	§60.334(h),[G](h)(3)	None
						N/A	Yes	N/A	511-05-035	§60.332(g) §60.333(b)	§60.334(h),(h)(4)	None
Research and development	N/A	No			N/A	511-05-036	§60.332(h) §60.333(b)	§60.334(h),[G](h)(3)	None			
	N/A	Yes			N/A	511-05-037	§60.332(h) §60.333(b)	§60.334(h),(h)(4)	None			

Construction, Modification, or Reconstruction Date	Heat Input at Peak Load and Rated Base Load, if Applicable	Turbine Cycle	Type of Service	NO <sub>x</sub> Emission Control Method	Previous Custom Fuel Schedule	Monitoring	Index No.	Regulatory Requirements [Exemption]	Monitoring and Testing	Recordkeeping and Reporting	
On/After 10/3/82 and On/Before 7/08/04 (Continued)	Heat input >100 MMBtu/hr based on lower heating value of fuel and the base load < 30MW (Continued)	Any (Continued)	Other (Continued)	Water or steam injection (Continued)	No	Continuous Monitoring System	511-05-038	§60.332(a)(2),(3),(d),(f) §60.333(b)	§60.334(a),(g),(h),(h)(2),[G](h)(3),(i),(i)(2),(j),(j)(1),[G](j)(1)(i)-(ii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5),(9),(9)(ii),(c)(1)	§60.334(a),(g),(j),(j)(3),(5)	
						NOx CEMS	511-05-039	§60.332(a)(2),(3),(d),(f) §60.333(b)	[G]§60.334(b),(h),(h)(2),[G](h)(3),(i),(i)(2)(j),(j)(1),[G](j)(1)(ii)-(iii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5)(9),(9)(ii),(c)(1)	[G]§60.334(b),(j),(j)(3),(5)	
					Yes	Continuous Monitoring System	511-05-040	§60.332(a)(2),(3),(d),(f) §60.333(b)	§60.334(a),(g),(h),(h)(2),(h)(4),(i),(i)(2),(j),(j)(1),[G](j)(1)(i)-(ii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5),(9),(9)(ii),(c)(1)	§60.334(a),(g),(j),(j)(3),(5)	
						NOx CEMS	511-05-041	§60.332(a)(2),(3),(d),(f) §60.333(b)	[G]§60.334(b),(h),(h)(2),(h)(4),(i),(i)(2),(j),(j)(1),[G](j)(1)(i)-(iii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5),(9),(9)(ii),(c)(1)	[G]§60.334(b),(j),(j)(3),(5)	
					Other	No	NOx CEMS	511-05-042	§60.332(a)(2),(3) §60.333(b)	[G]§60.334(b),(h),(h)(2),[G](h)(3),(i),(i)(2),(j),(j)(1),[G](j)(1)(ii)-(iii) [G]§60.335(a),(b),(b)(1)-(2),(5)-(6),(9),(9)(ii),(c)(1)	[G]§60.334(b),(j),(j)(5)
						Yes	NOx CEMS	511-05-043	§60.332(a)(2),(3) §60.333(b)	[G]§60.334(b),(h),(h)(2),(h)(4),(i),(i)(2),(j),(j)(1),[G](j)(1)(ii)-(iii) [G]§60.335(a),(b),(b)(1)-(2),(5)-(6),(9),(9)(ii),(c)(1)	[G]§60.334(b),(j),(j)(5)
After 07/08/04	Heat Input < 10 MMBtu/hr based on lower heating value of fuel fired	Any	Any	N/A	NA	N/A	511-05-044	None [§60.330(a)]	None	None	
											10 < Heat Input < 100 MMBtu based on lower heating value of fuel fired
	N/A	Yes	N/A	511-05-046	§60.332(l) §60.333(b)	§60.334(h),(h)(4)	None				
	Simple	Emergencies or firefighting	N/A	No	N/A	511-05-047	§60.332(g) §60.333(b)	§60.334(h),[G](h)(3)	None		
			N/A	Yes	N/A	511-05-048	§60.332(g) §60.333(b)	§60.334(h),(h)(4)	None		

Construction, Modification, or Reconstruction Date	Heat Input at Peak Load and Rated Base Load, if Applicable	Turbine Cycle	Type of Service	NO <sub>x</sub> Emission Control Method	Previous Custom Fuel Schedule	Monitoring	Index No.	Regulatory Requirements [Exemption]	Monitoring and Testing	Recordkeeping and Reporting	
After 07/08/04 (Continued)	10 < Heat Input < 100 MMBtu based on lower heating value of fuel fired (Continued)	Simple (Continued)	Research and development	N/A	No	N/A	511-05-049	§60.332(h) §60.333(b)	§60.334(h),[G](h)(3)	None	
				N/A	Yes	N/A	511-05-050	§60.332(h) §60.333(b)	§60.334(h),(h)(4)	None	
		Other	Water or steam injection	No	Continuous Monitoring System	511-05-051	§60.332(a)(2),(3),(d),(f) §60.333(b)	§60.334(a),(g),(h),(h)(2),[G](h)(3),(i),(i)(2),(j),(j)(1),[G](j)(1)(i)-(ii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5),(9),(9)(ii),(c)(1)	§60.334(a),(g),(j),(j)(3),(5)		
										NOx CEMS	511-05-052
					Yes	Continuous Monitoring System	511-05-053	§60.332(a)(2),(3),(d),(f) §60.333(b)	§60.334(a),(g),(h),(h)(2),(h)(4),(i),(i)(2),(j),(j)(1),[G](j)(1)(i)-(ii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5),(9),(9)(ii),(c)(1)		
										NOx CEMS	511-05-054
				Other	No	Continuous Parameter Monitoring	511-05-055	§60.332(a)(2),(3) §60.333(b)	§60.334(f)(1)-(3),(g),(h),(h)(2),[G](h)(3),(i),(i)(2),(j),(j)(1),[G](j)(1)(ii),(iv) [G]§60.335(a),(b),(b)(1)-(2),(5)-(6),(8),(9),(9)(ii),(c)(1)		
										NOx CEMS	511-05-056
						Yes	Continuous Parameter Monitoring	511-05-057	§60.332(a)(2),(3), §60.333(b)		
										NOx CEMS	511-05-058

Construction, Modification, or Reconstruction Date	Heat Input at Peak Load and Rated Base Load, if Applicable	Turbine Cycle	Type of Service	NO <sub>x</sub> Emission Control Method	Previous Custom Fuel Schedule	Monitoring	Index No.	Regulatory Requirements [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
After 07/08/04 (Continued)	Heat input >100 MMBtu/hr based on lower heating value of fuel and the base load < 30MW	Any	Emergencies or firefighting	N/A	No	N/A	511-05-059	§60.332(g) §60.333(b)	§60.334(h),[G](h)(3)	None
				N/A	Yes	N/A	511-05-060	§60.332(g) §60.333(b)	§60.334(h),(h)(4)	None
			Research and development	N/A	No	N/A	511-05-061	§60.332(h) §60.333(b)	§60.334(h),[G](h)(3)	None
				N/A	Yes	N/A	511-05-062	§60.332(h) §60.333(b)	§60.334(h),(h)(4)	None
			Other	Water or steam injection	No	Continuous Monitoring System	511-05-063	§60.332(a)(2),(3),(d),(f) §60.333(b)	§60.334(a),(g),(h),(h)(2),[G](h)(3),(i),(i)(2),(j),(j)(1),[G](j)(1)(i)-(ii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5),(9),(9)(ii),(c)(1)	§60.334(a),(g),(j),(j)(3),(5)
						NO <sub>x</sub> CEMS	511-05-064	§60.332(a)(2),(3),(d),(f) §60.333(b)	[G]§60.334(b),(h),(h)(2),[G](h)(3),(i),(i)(2),(j),(j)(1),[G](j)(1)(ii)-(iii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5),(9),(9)(ii),(c)(1)	[G]§60.334(b),(j),(j)(3),(5)
					Yes	Continuous Monitoring System	511-05-065	§60.332(a)(2),(3),(d),(f) §60.333(b)	§60.334(a),(g),(h),(h)(2),(h)(4),(i),(i)(2),(j),(j)(1),[G](j)(1)(i)-(ii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5),(9),(9)(ii),(c)(1)	§60.334(a),(g),(j),(j)(3),(5)
					NO <sub>x</sub> CEMS	511-05-066	§60.332(a)(2),(3),(d),(f) §60.333(b)	[G]§60.334(b),(h),(h)(2),(h)(4),(i),(i)(2),(j),(j)(1),[G](j)(1)(i)-(iii) [G]§60.335(a),(b),(b)(1)-(2),(4)-(5),(9),(9)(ii),(c)(1)	[G]§60.334(b),(j),(j)(3),(5)	
				Other	No	Continuous Parameter Monitoring	511-05-067	§60.332(a)(2),(3) §60.333(b)	§60.334(f)(1)-(3)(g),(h),(h)(2),[G](h)(3),(i),(i)(2),(j),(j)(1),[G](j)(1)(ii),(iv) [G]§60.335(a),(b),(b)(1)-(2),(5)-(6),(8)(9),(9)(ii),(c)(1)	§60.334(f)(1)-(3),(g),(j),(j)(5)
						NO <sub>x</sub> CEMS	511-05-068	§60.332(a)(2),(3) §60.333(b)	[G]§60.334(b),(h),(h)(2),[G](h)(3),(i),(i)(2),(j),(j)(1),[G](j)(1)(ii)-(iii) [G]§60.335(a),(b),(b)(1)-(2),(5)-(6),(9),(9)(ii),(c)(1)	[G]§60.334(b),(j),(j)(5)
			Other	Yes	Continuous Parameter Monitoring	511-05-069	§60.332(a)(2),(3) §60.333(b)	§60.334(f)(1)-(3),(g),(h),(h)(2),(h)(4),(i),(i)(2),(j),(j)(1),[G](j)(1)(ii),(iv) [G]§60.335(a),(b),(b)(1)-(2),(5)-(6),(8)(9),(9)(ii),(c)(1)	§60.334(f)(1)-(3),(g),(j),(j)(5)	
					NO <sub>x</sub> CEMS	511-05-070	§60.332(a)(2),(3) §60.333(b)	[G]§60.334(b),(h),(h)(2),(h)(4),(i),(i)(2),(j),(j)(1),[G](j)(1)(ii)-(iii) [G]§60.335(a),(b),(b)(1)-(2),(5)-(6),(9),(9)(ii),(c)(1)	[G]§60.334(b),(j),(j)(5)	

(6) The following permit table lists the requirements for Storage Vessels affected by 40 CFR Part 60, Subparts K and Ka.

Construction, Modification, or Reconstruction Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Reid Vapor Pressure (RVP) (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
On/Before 6/11/73	Any	Any	TVP < 11.1	Any	Any	511-06-001	None [§60.110(c)(2)]	None	None
After 6/11/73 and Before 3/8/74	Petroleum liquids including petroleum or condensate after custody transfer	Cap. < 65,000	TVP < 11.1	Any	Any	511-06-002	None [§60.110(c)(2)]	None	None
				Cap. > 65,000	TVP < 1.0	RVP < 1.0	Any	511-06-003	None [§60.113(d)(1)]
		RVP > 1.0	Vapor recovery system (VRS)			511-06-004	None [§60.113(d)(2)]	None	None
			No VRS		511-06-005	§60.110(c),(2)	§60.113(a)-(b)	§60.113(a)	
		1.0 < TVP < 1.5	RVP < 2.0		VRS	511-06-006	None [§60.113(d)(2)]	None	None
				No VRS	511-06-007	§60.110(c),(2)	§60.113(a)-(c)	§60.113(a),(c)	
			RVP > 2.0	VRS	511-06-008	None [§60.113(d)(2)]	None	None	
				No VRS	511-06-009	§60.110(c),(2)	§60.113(a)-(b)	§60.113(a)	
		1.5 < TVP < 11.1	Any	VRS	511-06-010	§60.112(a)(1)	Periodic Monitoring	None	
		Petroleum or condensate at a drilling and production facility prior to custody transfer	Any	TVP < 11.1	Any	Any	511-06-011	None [§60.110(b)]	None
	On/After 3/9/74 and On/Before 5/18/78	Petroleum liquids including petroleum or condensate after custody transfer	Cap. < 40,000	TVP < 11.1	Any	Any	511-06-012	None [§60.110(a)]	None
40,000 < Cap. < 65,000			TVP < 1.0	RVP < 1.0	Any	511-06-013	None [§60.113(d)(1)]	None	None
				RVP > 1.0	VRS	511-06-014	None [§60.113(d)(2)]	None	None
					No VRS	511-06-015	§60.110(c),(1)	§60.113(a)-(b)	§60.113(a)

Construction, Modification, or Reconstruction Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Reid Vapor Pressure (RVP) (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting	
On/After 3/9/74 and On/Before 5/18/78	Petroleum liquids including petroleum or condensate after custody transfer (continued )	40,000 < Cap. < 65,000	1.0 < TVP < 1.5	RVP < 2.0	VRS	511-06-016	None [§60.113(d)(2)]	None	None	
					No VRS	511-06-017	§60.110(c),(1)	§60.113(a)-(c)	§60.113(a),(c)	
				RVP > 2.0	VRS	511-06-018	None [§60.113(d)(2)]	None	None	
					No VRS	511-06-019	§60.110(c),(1)	§60.113(a)-(b)	§60.113(a)	
			1.5 < TVP < 11.1	Any	VRS	511-06-020	§60.112(a)(1)	Periodic Monitoring	None	
			Cap. > 65,000	TVP < 1.0	RVP < 1.0	Any	511-06-021	None [§60.113(d)(1)]	None	None
						VRS	511-06-022	None [§60.113(d)(2)]	None	None
					No VRS	511-06-023	§60.110(c),(2)	§60.113(a)-(b)	§60.113(a)	
		1.0 < TVP < 1.5		RVP < 2.0	VRS	511-06-024	None [§60.113(d)(2)]	None	None	
					No VRS	511-06-025	§60.110(c),(2)	§60.113(a)-(c)	§60.113(a),(c)	
				RVP > 2.0	VRS	511-06-026	None [§60.113(d)(2)]	None	None	
		No VRS	511-06-027		§60.110(c),(2)	§60.113(a)-(b)	§60.113(a)			
		1.5 < TVP < 11.1	Any	VRS	511-06-028	§60.112(a)(1)	Periodic Monitoring	None		
		Petroleum or condensate at a drilling and production facility prior to custody transfer	Any	TVP < 11.1	Any	Any	511-06-029	None [§60.110(b)]	None	None
	On/After 5/19/78 and On/Before 7/23/84	Petroleum or condensate prior to custody transfer	Cap. < 420,000	TVP < 11.1	Any	Any	511-06-030	None [§60.110a(b)]	None	None
Cap. > 420,000			TVP < 1.0	RVP < 1.0	Any	511-06-031	None [§60.115a(d)(1)]	None	None	
				RVP > 1.0	VRS	511-06-032	None [§60.115a(d)(2)]	None	None	

Construction, Modification, or Reconstruction Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Reid Vapor Pressure (RVP) (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
On/After 5/19/78 and On/Before 7/23/84	Petroleum or condensate prior to custody transfer	Cap. > 420,000	TVP < 1.0	RVP > 1.0	No VRS	511-06-033	§60.110a(a)	§60.115a(a)-(b)	§60.115a(a)
			1.0 < TVP < 1.5	RVP < 2.0	VRS	511-06-034	None [§60.115a(d)(2)]	None	None
					No VRS	511-06-035	§60.110a(a)	§60.115a(a)-(c)	§60.115a(a),(c)
			RVP > 2.0	VRS	511-06-036	None [§60.115a(d)(2)]	None	None	
				No VRS	511-06-037	§60.110a(a)	§60.115a(a)-(b)	§60.115a(a)	
	1.5 < TVP < 11.1	Any	VRS	511-06-038	§60.112a(a)(3)	[G]§60.113a(a)(2) Periodic Monitoring	[G]§60.113a(a)(2)		
	Petroleum liquids including petroleum or condensate after custody transfer  OR Petroleum liquids other than petroleum or condensate prior to custody transfer	Cap. < 40,000	TVP < 11.1	Any	Any	511-06-039	None [§60.110a(a)]	None	None
		Cap. > 40,000	TVP < 1.0	RVP < 1.0	Any	511-06-040	None [§60.115a(d)(1)]	None	None
					VRS	511-06-041	None [§60.115a(d)(2)]	None	None
					No VRS	511-06-042	§60.110a(a)	§60.115a(a)-(b)	§60.115a(a)
		1.0 < TVP < 1.5	RVP < 2.0	VRS	511-06-043	None [§60.115a(d)(2)]	None	None	
				No VRS	511-06-044	§60.110a(a)	§60.115a(a)-(c)	§60.115a(a),(c)	
		RVP > 2.0	VRS	511-06-045	None [§60.115a(d)(2)]	None	None		
			No VRS	511-06-046	§60.110a(a)	§60.115a(a)-(b)	§60.115a(a)		
		1.5 < TVP < 11.1	Any	VRS	511-06-047	§60.112a(a)(3)	[G]§60.113a(a)(2) Periodic Monitoring	[G]§60.113a(a)(2)	
		Other than petroleum liquids	Any	TVP < 11.1	Any	Any	511-06-048	None [§60.110a(a)]	None

(7) The following permit table lists the requirements for Storage Vessels affected by 40 CFR Part 60, Subpart Kb.

Construction, Modification, or Reconstruction Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
After 7/23/84	Petroleum or condensate prior to custody transfer	Cap. < 420,000	TVP < 11.1	Any	511-07-001	None [§60.110b(d)(4)]	None	None
		Cap. > 420,000	TVP < 0.5	Any	511-07-002	None [§60.110b(b)]	None	None
			0.5 < TVP < 0.75		511-07-003	Reserved		
				Any/None	511-07-004	§60.110b(a)	§60.116b(a)-(e)	§60.116b(a)-(d),(e)(2)(ii)
			0.75 < TVP < 11.1	CVS with flare	511-07-005	[G]§60.112b(a)(3) §60.18	§60.113b(d) §60.116b(a),(b),(e),(2)(ii) [G]§60.485(b)	§60.115b,(d)(1)-(3) §60.116b(a),(b),(e)(2)(ii)
		CVS with control device other than flare		511-07-006	[G]§60.112b(a)(3)	[G]§60.113b(c)(1),(2) §60.116b(a),(b),(e),(2)(ii) [G]§60.485(b)	[G]§60.113b(c)(1) §60.115b,(c) §60.116b(a),(b),(e)(2)(ii)	
	Volatile organic liquid, other than petroleum or condensate, prior to or after custody transfer  OR Petroleum or condensate after custody transfer	Cap. < 10,000	TVP < 11.1	Any	511-07-007	None [§60.110b(a)]	None	None
		10,000 < Cap. < 20,000	TVP < 11.1	Any	511-07-008	None [§60.110b(a)]	None	None
		20,000 < Cap. < 40,000	TVP < 2.2	Any	511-07-009	None [§60.110b(c)]	None	None
			2.2 < TVP < 4.0		511-07-010	Reserved		
				Any/None	511-07-011	§60.110b(a)	§60.116b(a)-(e),(1),(2)(i)-(ii), [G](3)	§60.116b(a)-(d), (e)(2)(ii)
4.0 < TVP < 11.1	CVS with flare	511-07-012	[G]§60.112b(a)(3) §60.18	§60.113b(d) §60.116b(a),(b),(e),(1),(2)(i)-(ii),[G](3) [G]§60.485(b)	§60.115b,(d)(1)-(3) §60.116b(a),(b),(e)(2)(ii)			
	CVS with control device other than flare	511-07-013	[G]§60.112b(a)(3)	[G]§60.113b(c)(1),(2) §60.116b(a),(b),(e),(1),(2)(i)-(ii),[G](3) [G]§60.485(b)	[G]§60.113b(c)(1) §60.115b,(c) §60.116b(a),(b),(e)(2)(ii)			

Construction, Modification, or Reconstruction Date	Material Stored	Storage Capacity (gallons)	Maximum True Vapor Pressure (TVP) (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
After 7/23/84	Volatile organic liquid, other than petroleum or condensate, prior to or after custody transfer  OR  Petroleum or condensate after custody transfer	Cap. > 40,000	TVP < 0.5	Any	511-07-014	None [§60.110b(b)]	None	None
			0.5 < TVP < 0.75		511-07-015	Reserved		
				Any/None	511-07-016	§60.110b(a)	§60.116b(a)-(e),(1), (2)(i)-(ii),[G](3)	§60.116b(a)-(d),(e)(2)(ii)
			0.75 < TVP < 11.1	CVS with flare	511-07-017	[G]§60.112b(a)(3) §60.18	§60.113b(d) §60.116b(a),(b),(e),(1), (2)(i)-(ii),[G](3) [G]§60.485(b)	§60.115b,(d)(1)-(3) §60.116b(a),(b),(e)(2)(ii)
	CVS with control device other than flare	511-07-018		[G]§60.112b(a)(3)	[G]§60.113b(c)(1),(2) §60.116b(a),(b),(e),(1), (2)(i)-(ii),[G](3) [G]§60.485(b)	[G]§60.113b(c)(1) §60.115b,(c) §60.116b(a),(b),(e)(2)(ii)		
	Other than volatile organic liquids, petroleum, or condensate prior to or after custody transfer	Any	TVP < 11.1	Any	511-07-019	None [§60.110b(a)]	None	None

(8) The following permit table lists the requirements for Storage Vessels affected by 30 TAC Chapter 115, Subchapter B, Division 1.

Material Stored	Storage Capacity (gallons)	True Vapor Pressure (TVP) (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Gasoline at a motor vehicle fuel dispensing facility	Cap. < 25,000	TVP < 11.0	Any	511-08-001	None [§115.117(a)(3)]	None	None
Crude oil or condensate prior to custody transfer	Cap. < 210,000	TVP < 11.0	Any	511-08-002	None [§115.117(a)(2)]	None	None
	Cap. > 210,000	TVP < 1.5	Any	511-08-003	None [§115.117(a)(1)]	None	None
		1.5 < TVP < 11.0	Vapor recovery system (VRS) with direct-flame incinerator	511-08-004	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(A),(4)-(5)	§115.116(a)(3), (A),(4)-(5)
			VRS with chiller or catalytic incinerator	511-08-005	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(B),(4)-(5)	§115.116(a)(3), (B),(4)-(5)
			VRS with carbon adsorption system	511-08-006	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(C),(4)-(5)	§115.116(a)(3), (C),(4)-(5)
	VRS with other controls	511-08-007	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(4)-(5) Periodic Monitoring	§115.116(a)(4)-(5)		
Crude oil or condensate after custody transfer	Cap. < 1,000	TVP < 1.5	Any	511-08-008	None [§115.117(a)(1)]	None	None
		1.5 < TVP < 11.0	Any	511-08-009	[§115.112(a)(1)]	None	None
	1,000 < Cap. < 40,000	TVP < 1.5	Any	511-08-010	None [§115.117(a)(1)]	None	None
		1.5 < TVP < 11.0	Submerged fill pipe	511-08-011	§115.112(a)(1)	§115.115(a)(1)-(7) §115.116(a)(4)-(5) Periodic Monitoring	§115.116(a)(4)-(5)
			VRS with direct-flame incinerator	511-08-012	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(A),(4)-(5)	§115.116(a)(3), (A),(4)-(5)
			VRS with chiller or catalytic incinerator	511-08-013	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(B),(4)-(5)	§115.116(a)(3), (B),(4)-(5)
			VRS with carbon adsorption system	511-08-014	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(C),(4)-(5)	§115.116(a)(3), (C),(4)-(5)
			VRS with other controls	511-08-015	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(4)-(5) Periodic Monitoring	§115.116(a)(4)-(5)

Material Stored	Storage Capacity (gallons)	True Vapor Pressure (TVP) (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Crude oil or condensate after custody transfer <i>(Continued)</i>	Cap. > 40,000	TVP < 1.5	Any	511-08-016	None [§115.117(a)(1)]	None	None
		1.5 < TVP < 11.0	VRS with direct-flame incinerator	511-08-017	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(A),(4)-(5)	§115.116(a)(3), (A),(4)-(5)
			VRS with chiller or catalytic incinerator	511-08-018	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(B),(4)-(5)	§115.116(a)(3), (B),(4)-(5)
			VRS with carbon adsorption system	511-08-019	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(C),(4)-(5)	§115.116(a)(3), (C),(4)-(5)
			VRS with other controls	511-08-020	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(4)-(5) Periodic Monitoring	§115.116(a)(4)-(5)
VOC liquids other than crude oil or condensate	Cap. < 1,000	TVP < 1.5	Any	511-08-021	None [§115.117(a)(1)]	None	None
		1.5 < TVP < 11.0	Any	511-08-022	[§115.112(a)(1)]	None	None
	1,000 < Cap. < 25,000	TVP < 1.5	Any	511-08-023	None [§115.117(a)(1)]	None	None
		1.5 < TVP < 11.0	Submerged fill pipe	511-08-024	§115.112(a)(1)	§115.115(a)(1)-(7) §115.116(a)(4)-(5) Periodic Monitoring	§115.116(a)(4)-(5)
			VRS with direct-flame incinerator	511-08-025	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(A),(4)-(5)	§115.116(a)(3), (A),(4)-(5)
			VRS with chiller or catalytic incinerator	511-08-026	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(B),(4)-(5)	§115.116(a)(3), (B),(4)-(5)
			VRS with carbon adsorption system	511-08-027	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(C),(4)-(5)	§115.116(a)(3), (C),(4)-(5)
	VRS with other controls	511-08-028	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(4)-(5) Periodic Monitoring	§115.116(a)(4)-(5)		
	25,000 < Cap. < 40,000	TVP < 1.5	Any	511-08-021	None [§115.117(a)(1)]	None	None
		1.5 < TVP < 11.0	VRS with direct-flame incinerator	511-08-030	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(A),(4)-(5)	§115.116(a)(3), (A),(4)-(5)

Material Stored	Storage Capacity (gallons)	True Vapor Pressure (TVP) (psia)	Tank Description	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting	
VOC liquids other than crude oil or condensate (Continued)	25,000 < Cap. < 40,000 (Continued)	1.5 < TVP < 11.0 (Continued)	VRS with chiller or catalytic incinerator	511-08-031	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(B),(4)-(5)	§115.116(a)(3), (B),(4)-(5)	
			VRS with carbon adsorption system	511-08-032	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(C),(4)-(5)	§115.116(a)(3), (C),(4)-(5)	
			VRS with other controls	511-08-033	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(4)-(5) Periodic Monitoring	§115.116(a)(4)-(5)	
	Cap. > 40,000	TVP < 1.5	Any	511-08-034	None [§115.117(a)(1)]	None	None	
			1.5 < TVP < 11.0	VRS with direct-flame incinerator	511-08-035	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(A),(4)-(5)	§115.116(a)(3), (A),(4)-(5)
				VRS with chiller or catalytic incinerator	511-08-036	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(B),(4)-(5)	§115.116(a)(3), (B),(4)-(5)
				VRS with carbon adsorption system	511-08-037	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(3),(C),(4)-(5)	§115.116(a)(3), (C),(4)-(5)
				VRS with other controls	511-08-038	§115.112(a)(1),(3)	§115.115(a)(1)-(7) §115.116(a)(4)-(5) Periodic Monitoring	§115.116(a)(4)-(5)

- (9) The following permit table lists the requirements for Gas Sweetening Units Not Utilizing Sulfur Recovery affected by 40 CFR Part 60, Subpart LLL.

Onshore	Is Acid Gas Completely Rejected into Oil or Gas-Bearing Strata or Otherwise Not Vented	Construction, Modification, or Reconstruction Date	Design Capacity (long tons/day [LTPD] H <sub>2</sub> S in acid gas, expressed as sulfur)	Operating at < 2 LTPD, (H <sub>2</sub> S in acid gas, expressed as sulfur) AND complying with alternative compliance provisions	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
No	N/A	Any	Any	N/A	511-09-001	None [§60.640(c)]	None	None
Yes	Yes	Any	Any	N/A	511-09-002	None [§60.640(e)]	None	None
	No	On/before 1/20/84	Any	N/A	511-09-003	None [§60.640(d)]	None	None
		After 1/20/84	Cap. < 2	N/A	511-09-004	§60.640(b)	None	§60.647(c)
						511-09-005	Reserved	

(10) The following permit table lists the requirements for Natural Gas Processing Plant Fugitive Emissions affected by 40 CFR Part 60, Subpart KKK (Standards of Performance for Equipment Leaks of VOC from Onshore Natural Gas Processing Plants).

Construction, Reconstruction or Modification Date	Component Type	Type of Service	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
On/Before 1/20/84	Any	Any	511-10-001	None [§60.630(b)]	None	None
After 1/20/84	Any Component in Vacuum Service	Any	511-10-002	§60.632(a) §60.482-1(d)	None	§60.486(e),(5)
	Any Component in Non-VOC Service	Any	511-10-003	§60.632(f)	§60.632(d),(f)	§60.632(e),(f) §60.486(j)
	Pump	Light Liquid	511-10-004	§60.632(a) §60.633(d) §60.482-1(a),(b) §60.482-2 §60.482-9	§60.632(d) §60.633(h) §60.482-2 §60.485(a),(b),(c),(d),(2),(3),(e),(f)	§60.632(e) §60.635(a) §60.636 §60.486(a),(b),(c),(e),(1),(2),(4),(h),(k) §60.487(a),(b),(c),(e)
		Heavy Liquid	511-10-005	§60.632(a) §60.482-1(a),(b) §60.482-8 §60.482-9	§60.632(d) §60.633(h) §60.482-8 §60.485(a),(b),(d),(2),(3),(e),(f)	§60.632(e) §60.635(a) §60.636 §60.486(a),(b),(c),(e),(1),(k) §60.487(a),(b),(c),(e)
	Reciprocating Compressor	Wet Gas	511-10-006	§60.633(f)	None	§60.635(a),(c) §60.486(j)
	Compressor other than reciprocating in wet gas service	VOC (greater than 10% VOC by weight)	511-10-007	§60.632(a) §60.482-1(a),(b) §60.482-3 §60.482-9	§60.632(d) §60.633(h) §60.482-3 §60.485(a),(b),(c),(d),(2),(3),(e),(f)	§60.632(e) §60.635(a) §60.636 §60.486(a),(b),(c),(e),(1),(2),(4),(h),(k) §60.487(a),(b),(c),(e)
	Pressure Relief Device	Gas/Vapor	511-10-008	§60.632(a) §60.633(b)(1)-(4),(d) §60.482-1(a),(b) §60.482-4 §60.482-9	§60.632(d) §60.633(h) §60.482-4 §60.485(a),(b),(c),(d),(2),(3),(f)	§60.632(e) §60.635(a),(b) §60.636 §60.486(a),(e),(1),(3),(4),(k) §60.487(a),(b),(c),(e)
		Light Liquid or Heavy Liquid	511-10-009	§60.632(a) §60.482-1(a),(b) §60.482-8 §60.482-9	§60.632(d) §60.633(h) §60.482-8 §60.485(a),(b),(d),(2),(3),(e),(f)	§60.632(e) §60.635(a) §60.636 §60.486(a),(b),(c),(e),(1),(k) §60.487(a),(b),(c),(e)
	Sampling Connection	Any	511-10-010	None [§60.633(c)]	None	None

Construction, Reconstruction or Modification Date	Component Type	Type of Service	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
After 1/20/84	Open-Ended Valve or Line	Any	511-10-011	§60.632(a) §60.482-1(a),(b) §60.482-6 §60.482-9	§60.632(d) §60.633(h) §60.485(a),(b),(d),(2),(3),(f)	§60.632(e) §60.635(a) §60.636 §60.486(a),(e),(1),(k) §60.487(a),(b),(c),(e)
	Valve	Gas/Vapor or Light Liquid	511-10-012	§60.632(a),(b) §60.633(d) §60.482-1(a),(b) §60.482-7 §60.482-9 §60.483-1 §60.483-2	§60.632(d) §60.633(h) §60.482-7 §60.483-1 §60.483-2 §60.485(a),(b),(c),(d),(2),(3),(e),(f)	§60.632(e) §60.635(a) §60.636 §60.486(a),(b),(c),(e),(1),(2),(4),(f),(g),(k) §60.487(a),(b),(c),(d),(e)
		Heavy Liquid	511-10-013	§60.632(a) §60.482-1(a),(b) §60.482-8 §60.482-9	§60.632(d) §60.633(h) §60.482-8 §60.485(a),(b),(d),(2),(3),(e),(f)	§60.632(e) §60.635(a) §60.636 §60.486(a),(b),(c),(e),(1),(k) §60.487(a),(b),(c),(e)
	Flanges and Other Connectors	Any	511-10-014	§60.632(a) §60.482-1(a),(b) §60.482-8 §60.482-9	§60.632(d) §60.633(h) §60.482-8 §60.485(a),(b),(d),(2),(3),(e),(f)	§60.632(e) §60.635(a) §60.636 §60.486(a),(b),(c),(e),(1),(k) §60.487(a),(b),(c),(e)
	Closed Vent System (CVS) with a Flare	Any	511-10-015	§60.632(a) §60.633(g) §60.18 §60.482-1(a),(b) §60.482-10	§60.632(d) §60.633(h) §60.485(a),(b),(c),(d),(2),(3),(f),(g)	§60.632(e) §60.635(a) §60.636 §60.486(a),(d),(e),(1),(k) §60.487(a),(b),(c),(e)
	CVS with control device other than Flare	Any	511-10-016	§60.632(a) §60.482-1(a),(b) §60.482-10	§60.632(d) §60.633(h) §60.485(a),(b),(c),(d),(2),(3),(f),(g)	§60.632(e) §60.635(a) §60.636 §60.486(a),(d),(e),(1),(k) §60.487(a),(b),(c),(e)

(11) The following permit table lists the requirements for Natural Gas Processing Operations Fugitive Emissions affected by 30 TAC Chapter 115, Subchapter D, Division 3 (Fugitive Emission Control in Petroleum Refining, Natural Gas/Gasoline Processing, and Petrochemical Processes in Ozone Nonattainment Areas).

Total Number of Components (N) in VOC Service at the Site	VOC Content for All Process Fluids less than 1% By Weight	All Fugitive Unit Components in Vacuum Service	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
N < 250	N/A	N/A	511-11-001	§115.357(7)	None	§115.356, (3), [G](3)(C)
N > 250	Yes	N/A	511-11-003	§115.357(6)	None	None§115.356, (3), [G](3)(C)
	No	Yes	511-11-002	None[§115.357(2)]	None	None
		No	511-11-004	§115.352 §115.357(1)-(6),(8)-(13)	§115.354 §115.355 §115.356	§115.356

(12) The following permit table lists the requirements for Flares affected by 40 CFR Part 60, Subpart A (General Provisions).

Flare Subject to 40 CFR §60.18	Adhering to Heat Content and Tip Velocity Specifications	Flare Assist Type	Exit Velocity at Standard Conditions of 68°F and 1 atm. (ft/second)	Net Heating Value of Gas, $H_T$ , at 77°F and 1 atm. (Btu/scf)	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
No	N/A	N/A	N/A	N/A	511-12-001	None [§60.18(a)]	None	None
Yes	Yes	None	$V < 60$	$H_T > 200$	511-12-002	§60.18(b),(c)(1),(2),(3)(ii),(4)(i),(6),(e)	§60.18(d),(f)(1)-(4)	None
			$60 < V < 400$	$200 < H_T < 1000$	511-12-003	§60.18(b),(c)(1),(2),(3)(ii),(4)(iii),(6),(e)	§60.18(d),(f)(1)-(5)	None
				$H_T > 1000$	511-12-004	§60.18(b),(c)(1),(2),(3)(ii),(4)(ii),(6),(e)	§60.18(d),(f)(1)-(4)	None
		Steam	$V < 60$	$H_T > 300$	511-12-005	§60.18(b),(c)(1),(2),(3)(ii),(4)(i),(6),(e)	§60.18(d),(f)(1)-(4)	None
			$60 < V < 400$	$300 < H_T < 1000$	511-12-006	§60.18(b),(c)(1),(2),(3)(ii),(4)(iii),(6),(e)	§60.18(d),(f)(1)-(5)	None
				$H_T > 1000$	511-12-007	§60.18(b),(c)(1),(2),(3)(ii),(4)(ii),(6),(e)	§60.18(d),(f)(1)-(4)	None
		Air	N/A	$H_T > 300$	511-12-008	§60.18(b),(c)(1),(2),(3)(ii),(5),(6),(e)	§60.18(d),(f)(1)-(3),(6)	None
	No	N/A	N/A	N/A	511-12-009	§60.18(b),(c)(1),(2),(3)(i)(A),(B),(6),(e)	§60.18(d),(f)(1),(2),(4)	None

(13) The following permit table lists the requirements for Flares affected by 30 TAC Chapter 111.

Flare Used for Emergency or Upset Only	Acid Gas Flare as Defined in 30 TAC §101.1	Any Sources Routed to this Flare Constructed after 1/31/72	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Yes	N/A	N/A	511-13-001	None [§111.111(a)(4)(B)]	None	None
No	Yes	Yes	511-13-002	§111.111(a)(1)(B)	§111.111(a)(1)(F)(i)-(iii)	None
		No	511-13-003	§111.111(a)(1)(A)	§111.111(a)(1)(F)(i)-(iii)	None
	No	N/A	511-13-004	§111.111(a)(4)(A)	§111.111(a)(4)(A)(i),(ii)	§111.111(a)(4)(A)(ii)

(14) The following permit table lists the requirements for Gas Sweetening Units Utilizing Sulfur Recovery affected by 40 CFR Part 60, Subpart LLL.

Onshore	Construction, Reconstruction or Modification Date	Design Capacity (long tons/day [LTPD] H <sub>2</sub> S in acid gas, expressed as sulfur)	Operating at < 2 LTPD, (H <sub>2</sub> S in acid gas, expressed as sulfur) AND complying with alternative compliance provisions	Compliance Method	Monitoring System	Effluent Gas Oxygen Content	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
No	Any	Any	N/A	N/A	N/A	N/A	511-14-001	None [§60.640(c)]	None	None
Yes	On/Before 1/20/84	Any	N/A	N/A	N/A	N/A	511-14-002	None [§60.640(d)]	None	None
	After 1/20/84	Cap. < 2	N/A	N/A	N/A	N/A	511-14-003	§60.640(b)	None	§60.647(c)
		2 < Cap. < 150	Yes	N/A	N/A	N/A	511-14-004	Reserved		
			No	None	N/A	Content < 1.0%	511-14-005	§60.642(a),(b)	§60.643(a),(b) §60.644(a),(b),(c)(1)-(3), §60.644(c)(4),(i),(ii),(iv) §60.646(a) §60.648	§60.647(a) §60.647(b),(1)
		511-14-006					§60.642(a),(b)	§60.643(a),(b) §60.644(a),(b),(c)(1)-(3), §60.644(c)(4),(i),(iii),(iv) §60.646(a) §60.648	§60.647(a) §60.647(b),(1)	
		Oxidation type	CEM	N/A	511-14-007	§60.642(a),(b)	§60.643(a),(b) §60.644(a),(b),(c)(1)-(3) §60.644(c)(4),(i),(iii),(iv),(d) §60.646(a),(b),(d),(f),(g) §60.648	§60.647(a) §60.647(b),(1),(2)		
									None	N/A
		Reduction type followed by incinerator	CEM	N/A	511-14-009	§60.642(a),(b)	§60.643(a),(b) §60.644(a),(b),(c)(1)-(3), §60.644(c)(4),(i),(ii),(iv),(d) §60.646(a),(b),(d),(f),(g) §60.648	§60.647(a) §60.647(b),(1),(2)		

Onshore	Construction, Reconstruction or Modification Date	Design Capacity (long tons/day [LTPD] H <sub>2</sub> S in acid gas, expressed as sulfur)	Operating at < 2 LTPD, (H <sub>2</sub> S in acid gas, expressed as sulfur) AND complying with alternative compliance provisions	Compliance Method	Monitoring System	Effluent Gas Oxygen Content	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Yes	After 1/20/84	2 < Cap. < 150	No	Reduction type followed by incinerator	None	N/A	511-14-010	§60.642(a),(b)	§60.643(a),(b) §60.644(a),(b),(c)(1)-(3) §60.644(c)(4),(i),(ii),(iv) §60.646(a),(e) §60.648	§60.647(a) §60.647(b),(1),(d)
				Reduction type without incinerator	CEM	N/A	511-14-011	§60.642(a),(b)	§60.643(a),(b) §60.644(a),(b),(c)(1)-(3), §60.644(c)(4),(i),(ii),(iv),(d) §60.646(a),(c),(d),(f),(g) §60.648	§60.647(a) §60.647(b),(1)
					None	N/A	511-14-012	§60.642(a),(b)	§60.643(a),(b) §60.644(a),(b),(c)(1)-(3) §60.644(c)(4),(i),(ii),(iv) §60.646(a),(e) §60.648	§60.647(a) §60.647(b),(1),(d)
		Cap. > 150	N/A	None	N/A	Content < 1.0%	511-14-013	§60.642(a),(b)	§60.643(a),(b) §60.644(a),(b),(c)(1)-(3), §60.644(c)(4),(i),(ii),(iv) §60.646(a) §60.648	§60.647(a) §60.647(b),(1)
						Content > 1.0%	511-14-014	§60.642(a),(b)	§60.643(a),(b) §60.644(a),(b),(c)(1)-(3), §60.644(c)(4),(i),(iii),(iv) §60.646(a) §60.648	§60.647(a) §60.647(b),(1)
				Oxidation type	CEM	N/A	511-14-015	§60.642(a),(b)	§60.643(a),(b) §60.644(a),(b),(c)(1)-(3), §60.644(c)(4),(i),(iii),(iv),(d) §60.646(a),(b),(d),(f),(g) §60.648	§60.647(a) §60.647(b),(1),(2)
				Reduction type followed by incinerator	CEM	N/A	511-14-016	§60.642(a),(b)	§60.643(a),(b) §60.644(a),(b),(c)(1)-(3), §60.644(c)(4),(i),(ii),(iv),(d) §60.646(a),(b),(d),(f),(g) §60.648	§60.647(a) §60.647(b),(1),(2)
				Reduction type without incinerator	CEM	N/A	511-14-017	§60.642(a),(b)	§60.643(a),(b) §60.644(a),(b),(c)(1)-(3), §60.644(c)(4),(i),(ii),(iv),(d) §60.646(a),(c),(d),(f),(g) §60.648	§60.647(a) §60.647(b),(1)

(15) The following permit table lists the requirements for Gas Sweetening Units Utilizing Sulfur Recovery affected by 30 TAC Chapter 112 (Control of Air Pollution from Sulfur Compounds).

Effective Stack Height (H <sub>e</sub> ) less than Standard Effective Stack Height (H <sub>s</sub> )	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Yes	511-15-001	§112.7(a),(b)	§112.2(a)	§112.2(b),(c)
No	511-15-002	§112.7(a)	§112.2(a) Periodic Monitoring	§112.2(b),(c)

(16) The following permit table lists the requirements for Stationary Vents affected by 30 TAC Chapter 111.

Effluent Flow Rate > 100,000 acfm	Equipped with Continuous Opacity Monitor	Sources Routed to this Vent Constructed After 1/31/72	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Yes	Yes	Yes	511-16-001	§111.111(a)(1)(B),(C)	§111.111(a)(1)(D),(F)(i)-(iii)	§111.111(a)(1)(C)-(D)
		No	511-16-002	§111.111(a)(1)(A),(C)	§111.111(a)(1)(D),(F)(i)-(iii)	§111.111(a)(1)(C)-(D)
	No	N/A	511-16-003	§111.111(a)(1)(C)	§111.111(a)(1)(F)(i)-(iii)	None

(17) The following permit table lists the requirements for Stationary Vents affected by 30 TAC Chapter 115, Subchapter B, Division 2 (Vent Gas Control).

Vent Gas Stream from a Source Subject to Another Division Within 30 TAC Chapter 115	Combustion Unit Exhaust Stream and Unit Is Used as a Control Device for a Vent Gas Stream Subject to 30 TAC Chapter 115 Vent Gas Control Requirements and Which Originates from a Non-combustion Source	Highest Combined Weight of VOC in any 24-Hour Period Since 7/17/91 (pounds)	Highest Concentration of VOC Since 7/17/91 (psia true partial pressure)	Exceed Exemption Limits at Maximum Operating Conditions	Control Device Type	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting	
Yes	N/A	N/A	N/A			511-17-012	None [§115.127(a)(6)]	None	None	
No	No	N/A	N/A			511-17-013	None [§115.127(a)(6)]	None	None	
	Yes	Wt. < 100		No	N/A	511-17-001	§115.127(a)(2),(A) §115.122(a)(4)	§115.125,(1)-(2) §115.126(2),(4)	§115.126,(2),(4)	
				Yes	N/A	511-17-002	§115.127(a)(2),(A) §115.122(a)(4)	§115.125,(1)-(2) §115.126(3),(B)	§115.126,(3),(B)	
						511-17-003	Reserved			
		Wt. > 100	TPP < 0.009		No	N/A	511-17-004	§115.127(a)(2),(B) §115.122(a)(4)	§115.125,(1)-(2) §115.126(2),(4)	§115.126,(2),(4)
					Yes	N/A	511-17-005	§115.127(a)(2),(B) §115.122(a)(4)	§115.125,(1)-(2) §115.126(3),(C)	§115.126,(3),(C)
						511-17-006	Reserved			
			TPP > 0.009				Direct flame incinerator	511-17-007	§115.121(a)(1) §115.122(a)(1),(A)	§115.125(1)-(3),(D)-(E) §115.126(1),(A),(i),(2)
		Smokeless flare					511-17-008	§115.121(a)(1) §115.122(a)(1),(B) §60.18	§115.125(1)-(3),(A)-(C),(E) §115.126(1),(B),(2)	§115.126,(1),(B),(2)
		Catalytic incinerator or chiller					511-17-009	§115.121(a)(1) §115.122(a)(1),(C)	§115.125(1)-(2) §115.126(1),(A),(ii),(2)	§115.126,(1),(A),(ii),(2)
Carbon adsorption system	511-17-010	§115.121(a)(1) §115.122(a)(1),(C)					§115.125(1)-(2) §115.126(1),(A),(iii),(2)	§115.126,(1),(A),(iii),(2)		

Vent Gas Stream from a Source Subject to Another Division Within 30 TAC Chapter 115	Combustion Unit Exhaust Stream and Unit Is Used as a Control Device for a Vent Gas Stream Subject to 30 TAC Chapter 115 Vent Gas Control Requirements and Which Originates from a Non-combustion Source	Highest Combined Weight of VOC in any 24-Hour Period Since 7/17/91 (pounds)	Highest Concentration of VOC Since 7/17/91 (psia true partial pressure)	Exceed Exemption Limits at Maximum Operating Conditions	Control Device Type	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting
No <i>(Continued)</i>	Yes <i>(Continued)</i>	Wt. > 100 (Continued)	TPP > 0.009		Other	511-17-011	§115.121(a)(1) §115.122(a)(1),(C)	§115.125(1)-(2) §115.126(1),(C),(2) Periodic Monitoring	§115.126(1),(C),(2)
					Combustor	512-05-014	§115.121(a)(1) §115.122(a)(1),(C)	§115.125(1)-(2) §115.126(1),(A),(C),(iv),(2)	§115.126(1),(A),(C),(iv),(2)

(18) The following permit table lists the requirements for Stationary Gas Turbines affected by 30 TAC Chapter 117, Subchapter B, Division 3 and located in the Houston/Galveston area.

Maximum Rated Capacity (MRC) (Megawatts)	RACT or ESAD	Service Type	Hours of Operation per Year (rolling 12-month average)	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
N/A	RACT	Emergency	N/A	N/A	N/A	N/A	511-18-039	§117.203(a)(6)(D)]	None	§117.213(i), §117.219(f)(6)(B)
MRC < 1	RACT	Non-Emergency	N/A	N/A	N/A	N/A	511-18-001	§117.205(h)(7)	None	None
	ESAD	Non-Emergency	N/A	N/A	N/A	N/A	511-18-002	§117.206(c),(10)(C)(17), (d)(2),(e)(1), (2),(f)(4),(h) §117.211(d) §117.213(k)(2)	§117.211(a)(1), (2),(4),(b)-(c), (e)(1)-(5),(f)(2)-(3) §117.213(a) §117.214(a)(1)(D),(b)(1),(c)	§117.211(g) §117.216(a),(1)(A),(E),(2)-(5),(c) §117.217(1),(3) §117.219(a)-(d),(f),(1),(9)
							511-18-003	Reserved		
1 < MRC < 10	RACT	Non-Emergency					511-18-004	Reserved		
			N/A	On/Before 11/15/92	N/A	N/A	511-18-005	§117.205(h)(7)	§117.209(b) §117.213(a),(h)	§117.209(a),(b),(c),(1),(3),(7), (9),(11) §117.219(a)-(d),(f)
				After 11/15/92 and on/before 6/9/93 OR After 6/9/93 and not a Functionally Identical Replacement	N/A	N/A	511-18-006	§117.205(h)(7)	None	None
				New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93	N/A	N/A	511-18-007	§117.205(h)(7)	§117.209(b) §117.213(a),(h)	§117.209(a),(1),(b),(c),(1),(3), (7),(9),(11) §117.219(a)-(d),(f)

Maximum Rated Capacity (MRC) (Megawatts)	RACT or ESAD	Service Type	Hours of Operation per Year (rolling 12-month average)	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting										
	ESAD	Non-Emergency	N/A	N/A	N/A	N/A	511-18-008	§117.206(c),(10)(B), (17),(d)(2),(e),(1), (2),(f)(4),(h) §117.211(d) §117.213(k)(2)	§117.211(a)(1),(2),(4), (b)-(c),(e)(1)-(5) §117.213(a) §117.214(a)(1)(D),(b)(1),(c)	§117.211(g) §117.216(a),(1)(A),(E),(2)-(4),(c) §117.217(1),(3) §117.219(a)-(d),(f),(1),(2),(9)										
10 < MRC < 30	RACT	Non-Emergency	Hours < 850	N/A	N/A	N/A	511-18-009	§117.205(h)(2)	None	§117.213(i),(m) §117.215(a)(6)(B),(d)-(e) §117.219(f)(6)(B)										
			Hours > 850	On/Before 11/15/92	Yes	CEMS	511-18-010	§117.205(a)(1),(2),(c), (i)(2) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4), (b),(c),(f),(2),(3) §117.213(a),(2),(c)(3)(B), (D),(d),(1)(A),(2),(e), (1)-(3),(5)-(6),(h)(1)	§117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)										
											PEMS	511-18-011	§117.205(a)(1),(2),(c), (i)(2) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4), (b),(c),(f),(2),(3) §117.213(a),(c)(3)(B)-(D), (d),(1)(B),(2), (e)(1)(B)(ii),(f),(1), (2)(A)(i),(B),(3),(7),(h)(1)	§117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)					
																Continuous Monitoring System	511-18-012	§117.205(a)(1),(2),(c), (i)(2) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4), (b),(e)(1)-(5) §117.213(a),(h)(2)	§117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1)(A), (2)-(5),(f),(1),(4),(8)-(9)

Maximum Rated Capacity (MRC) (Megawatts)	RACT or ESAD	Service Type	Hours of Operation per Year (rolling 12-month average)	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
10 < MRC < 30 (Continued)	RACT (Continued)	Non-Emergency (Continued)	Hours > 850 (Continued)	On/Before 11/15/92 (Continued)	No	CEMS	511-18-014	§117.205(c),(i)(2) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4), (b),(c),(f),(2),(3) §117.213(a),(2),(c)(3)(B), (D),(d),(1)(A),(2),(e), (1)-(3),(5)-(6),(h)(1)	§117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
						PEMS	511-18-015	§117.205(c),(i)(2) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) §117.213(a),(c)(3)(B)- (D),(d), (1)(B),(2),(e)(1)(B)(ii),(f),(1) , (2)(A)(i),(B),(3),(7),(h)(1)	§117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
						Continuous Monitoring System	511-18-016	§117.205(c),(i)(2) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (e)(1)-(5) §117.213(a),(h)(2)	§117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1)(A), (2)-(5),(f),(1),(4),(8)-(9)
						Other/None	511-18-017	§117.205(c),(i)(2) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (e)(1)-(5) §117.213(a)	§117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c), (f),(1),(9)
						After 11/15/92 and on/before 6/9/93 OR After 6/9/93 and not a Functionally Identical Replacement	N/A	N/A	511-18-018	§117.205(h)(8)

Maximum Rated Capacity (MRC) (Megawatts)	RACT or ESAD	Service Type	Hours of Operation per Year (rolling 12-month average)	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
10 < MRC < 30 (Continued)	RACT (Continued)	Non-Emergency (Continued)	Hours > 850 (Continued)	New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93	Yes	CEMS	511-18-019	§ 117.205(c),(i)(2) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(2),(c)(3)(B),(D), (d),(1)(A),(2),(1)-(3), (5)-(6),(e),(h)(1)	§ 117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
						PEMS	511-18-020	§ 117.205(c),(i)(2) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(c)(3)(B)-(D),(d), (1)(B),(2),(e)(1)(B)(ii),(f),(1), (2)(A)(i),(B),(3),(7),(h)(1)	§ 117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
						Continuous Monitoring System	511-18-021	§ 117.205(c),(i)(2) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (e)(1)-(5) § 117.213(a),(h)(2)	§ 117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1)(A), (2)-(5),(f),(1),(4),(8)-(9)
						Other/None	511-18-022	§ 117.205(c),(i)(2) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (e)(1)-(5) § 117.213(a)	§ 117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c), (f),(1),(9)
						No	CEMS	511-18-023	§ 117.205(a)(2),(3),(c), (i)(2) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(2),(c)(3)(B),(D), (d),(1)(A),(2),(e),(1)-(3), (5)-(6),(h)(1)

Maximum Rated Capacity (MRC) (Megawatts)	RACT or ESAD	Service Type	Hours of Operation per Year (rolling 12-month average)	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
10 < MRC < 30 (Continued)	RACT (Continued)	Non-Emergency (Continued)	Hours > 850 (Continued)	New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93 (Continued)	No	PEMS	511-18-024	§117.205(a)(2),(3),(c), (i)(2) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) §117.213(a),(c)(3)(B)-(D),(d), (1)(B),(2),(e)(1)(B)(ii),(f),(1), (2)(A)(i),(B),(3),(7),(h)(1)	§117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
						Continuous Monitoring System	511-18-025	§117.205(a)(2),(3),(c), (i)(2) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (e)(1)-(5) §117.213(a),(h)(2)	§117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1)(A), (2)-(5),(f),(1),(4),(8)-(9)
						Other/None	511-18-026	§117.205(a)(2),(3),(c), (i)(2) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (e)(1)-(5) §117.213(a)	§117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c), (f),(1),(9)
10 < MRC < 30	ESAD	Non-Emergency	N/A	N/A	N/A	Other/None	511-18-027	§117.206(c)(10)(A), (17),(d)(2),(e),(1), (2),(f)(4),(h) §117.211(d) §117.213(k)(2)	§117.211(a),(1),(2),(4), (b)-(c),(e)(1)-(5) §117.213(a) §117.214(a)(1)(D),(b)(1),(c), (1),(3)	§117.211(g) §117.216(a),(1)(A),(E), (2)-(4),(c) §117.217(1),(3) §117.219(a)-(c),(f),(1),(9)
			N/A	N/A	N/A	CEMS	511-18-040	§117.206(c),(10)(A), (17),(d)(2),(e),(1), (2),(f)(4),(h) §117.211(d) §117.213(k)(2)	§117.211(a),(1),(2),(4),(b),(c), (f),(2),(3) §117.213(a),(2),(c)(3)(B),(D), (d),(1)(A),(2),(e),(1)-(3), (5)-(6),(h)(1) §117.214(a)(1)(D),(b)(1),(c), (1),(3)	§117.211(g) §117.216(a),(1)(A),(E), (2)-(4),(c) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)

Maximum Rated Capacity (MRC) (Megawatts)	RACT or ESAD	Service Type	Hours of Operation per Year (rolling 12-month average)	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
10 < MRC < 30 (Continued)	ESAD (Continued)	Non-Emergency (Continued)	N/A	N/A	N/A	PEMS	511-18-041	§117.206(c),(10)(A), (17),(d)(2),(e),(1), (2),(f)(4),(h) §117.211(d) §117.213(k)(2)	§117.211(a),(1),(2),(4),(b),(c), (f),(2),(3) §117.213(a),(c)(3)(B)-(D),(d), (1)(B),(2),(e)(1)(B)(ii),(f),(1), (2)(A)(i),(B),(3),(7),(h)(1) §117.214(a)(1)(D),(b)(1),(c), (1),(3)	§117.211(g) §117.216(a),(1)(A),(E), (2)-(4),(c) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
MRC > 30	RACT	Non-Emergency	Hours < 850	N/A	N/A	N/A	511-18-028	§117.205(h)(2)	None	§117.213(i),(m) §117.215(a)(6)(B),(d) §117.219(f)(6)(B)
			Hours > 850	On/Before 11/15/92	Yes	CEMS	511-18-029	§117.205(a)(1),(2),(c), (i)(2) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) §117.213(a),(2),(c)(1), (3)(B),(D),(d),(1)(A),(2),(e), (1)-(3),(5)-(6)	§117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
						PEMS	511-18-030	§117.205(a)(1),(2),(c), (i)(2) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) §117.213(a),(c)(1),(3)(B)- (D),(d),(1)(B),(2), (e)(1)(B)(ii),(f),(1),(2)(A)(i), (B),(3),(7)	§117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
					No	CEMS	511-18-031	§117.205(c),(i)(2) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) §117.213(a),(2),(c)(1),(3)(B), (D),(d),(1)(A),(2),(e),(1)-(3), (5)-(6)	§117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)

Maximum Rated Capacity (MRC) (Megawatts)	RACT or ESAD	Service Type	Hours of Operation per Year (rolling 12-month average)	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
MRC > 30 (Continued)	RACT (Continued)	Non-Emergency (Continued)	Hours > 850 (Continued)	On/Before 11/15/92 (Continued)	No	PEMS	511-18-032	§ 117.205(c),(i)(2) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(c)(1),(3)(B)-(D), (d),(1),(B),(2),(e)(1)(B)(ii), (f),(1),(2)(A)(i),(B),(3),(7)	§ 117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
				After 11/15/92 and on/before 6/9/93 OR After 6/9/93 and not a Functionally Identical Replacement	N/A	N/A	511-18-033	§ 117.205(h)(8)	None	§ 117.215(a)(6)(B),(d)-(e)
				New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93	Yes	CEMS	511-18-034	§ 117.205(c),(i)(2) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(2),(c)(1),(3)(B), (D),(d),(1)(A),(2),(e), (1)-(3),(5)-(6)	§ 117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1)(A), (2)-(5),(f),(1),(2),(7)-(9)
					No	CEMS	511-18-036	§ 117.205(a)(2),(3),(c), (i)(2) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(2),(c)(1),(3)(B), (D),(d),(1)(A),(2),(e), (1)-(3),(5)-(6)	§ 117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1)(A), (2)-(5),(f),(1),(2),(7)-(9)

Maximum Rated Capacity (MRC) (Megawatts)	RACT or ESAD	Service Type	Hours of Operation per Year (rolling 12-month average)	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
MRC > 30 (Continued)	RACT (Continued)	Non-Emergency (Continued)	Hours > 850 (Continued)	New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93 (Continued)	No (Continued)	PEMS	511-18-037	§ 117.205(a)(2),(3),(c), (i)(2) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(c)(1),(3)(B)-(D), (d),(1)(B),(2),(e)(1)(B)(ii),(f), (1),(2)(A)(i),(B),(3),(7)	§ 117.209(a),(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1)(A), (2)-(5),(f),(1),(2),(7)-(9)
	ESAD						511-18-038	Reserved		
		Non-Emergency	N/A	N/A	N/A	N/A	CEMS	511-18-042	§ 117.206(c),(10)(A), (17),(d)(2),(e),(1), (2),(f)(4),(h) § 117.211(d) § 117.213(k)(2)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(2),(c)(1),(3)(B), (D),(d),(1)(A),(2),(e),(1)-(3), (5)-(6) § 117.214(a)(1)(D),(b)(1),(c), (1),(3)
	Non-Emergency	N/A	N/A	N/A	N/A	PEMS	511-18-043	§ 117.206(c),(10)(A), (17),(d)(2),(e),(1), (2),(f)(4),(h) § 117.211(d) § 117.213(k)(2)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(c)(1),(3)(B)-(D), (d),(1)(B),(2),(e)(1)(B)(ii),(f), (1),(2)(A)(i),(B),(3),(7) § 117.214(a)(1)(D),(b)(1),(c), (1),(3)	§ 117.211(g) § 117.216(a),(1)(A),(E), (2)-(4),(c) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)

(19) The following permit table lists the requirements for Boilers/Steam Generators affected by 40 CFR Part 60, Subparts Db (Standards of

Performance for Industrial-Commercial-Institutional Steam Generating Units) and Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units).

Date Constructed, Reconstructed or Modified	Fuel Type	Maximum Design Heat Input Capacity (MMBtu/hr)	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
On/Before June 9, 1989	Natural gas	MMBtu/hr < 100	511-19-001	None [§60.40b(a)]	None	None
After June 9, 1989	Natural gas	MMBtu/hr < 10	511-19-002	None [§60.40c(a)]	None	None
		10 < MMBtu/hr < 100	511-19-003	§60.40c(a)	None	§60.48c(a),(1),(3),(g),(i)

(20) The following permit table lists the requirements for VOC Loading and Unloading Operations affected by 30 TAC Chapter 115, Subchapter C, Division 1.

Product Transferred	Transfer Operation	Highest True Vapor Pressure (TVP) since 11/15/96 (psia)	Highest Daily Throughput since 11/15/96 (30-day average)	Control Devices / Options	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Liquified Petroleum Gas (LPG)	Loading Operations Only	N/A	N/A	N/A	511-20-001	[G]§115.212(a)(7) §115.217(a)(3) §115.214(a)(1)(B),(D),(i)	§115.214(a)(1)(A),(i)	§115.216,(3),(A),(i)-(iii),(B)
	Unloading Operations Only	N/A	N/A	N/A	511-20-012	§115.212(a)(2),[G](7) §115.217(a)(3) §115.214(a)(1)(B),(D),(i)	§115.214(a)(1)(A),(i)	§115.216,(3),(A),(i)-(iii),(B)
VOC other than Liquified Petroleum Gas (LPG)	Loading Operations Only	TVP < 0.5	N/A	Any/None	511-20-002	[G]§115.212(a)(7) §115.217(a)(1) §115.214(a)(1)(B),(D),(i)	§115.214(a)(1)(A),(i) §115.215,(4)	§115.216,(2),(3)(B)
		0.5 < TVP < 11	Gallons < 20,000 (VOC)	Any/None	511-20-003	[G]§115.212(a)(7) §115.217(a)(2)(A) §115.214(a)(1)(B),(D),(i)	§115.214(a)(1)(A),(i) §115.215,(4)	§115.216,(2),(3)(B),(D)
			Gallons > 20,000 (VOC)	Vapor Control System (VCS) with direct-flame incinerator	511-20-004	§115.212(a)(1),(A), (3)(A)(i)-(ii),(B),-[G](C),(E) §115.214(a)(1)(B)-(C)	§115.212(a)(3)(B) §115.214(a)(1)(A),(i)-(iii) §115.215,(1),[G](2),(4),(9)-(10) §115.216(1),(A),(i)	§115.216,(1),(A),(i), (2),(3)(A),(i)-(iii),(B)
				VCS with chiller or catalytic incinerator	511-20-005	§115.212(a)(1),(A), (3)(A)(i)-(ii),(B),-[G](C),(E) §115.214(a)(1)(B)-(C)	§115.212(a)(3)(B) §115.214(a)(1)(A),(i)-(iii) §115.215,(1),[G](2),(4),(9)-(10) §115.216(1),(A),(ii)	§115.216,(1),(A),(ii), (2),(3)(A),(i)-(iii),(B)
				VCS with carbon adsorption system	511-20-006	§115.212(a)(1),(A), (3)(A)(i)-(ii),(B),-[G](C),(E) §115.214(a)(1)(B)-(C)	§115.212(a)(3)(B) §115.214(a)(1)(A),(i)-(iii) §115.215,(1),[G](2),(4),(9)-(10) §115.216(1),(A),(iii)	§115.216,(1),(A),(iii), (2),(3)(A),(i)-(iii),(B)
				VCS with flare	511-20-007	§60.18 §115.212(a)(1),(A), (3)(A)(i)-(ii),(B),-[G](C),(E) §115.214(a)(1)(B)	§115.212(a)(3)(B) §115.214(a)(1)(A),(i)-(iii) §115.215,(1),[G](2)-(3),(4),(9)-(10) §115.216(1),(B)	§115.216,(1),(B), (2),(3)(A),(i)-(iii),(B)
				VCS with vapor combustor	511-20-008	§115.212(a)(1),(A),(3)(A)(i)-(ii), (B),-[G](C),(E) §115.214(a)(1)(B)-(C)	§115.212(a)(3)(B) §115.214(a)(1)(A),(i)-(iii) §115.215,(1),[G](2),(4),(9)-(10) §115.216(1),(A),(iv)	§115.216,(1),(A),(iv), (2),(3)(A),(i)-(iii),(B)

Product Transferred	Transfer Operation	Highest True Vapor Pressure (TVP) since 11/15/96 (psia)	Highest Daily Throughput since 11/15/96 (30-day average)	Control Devices / Options	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting	
					511-20-009	Reserved			
VOC other than Liquified Petroleum Gas (LPG) (Continued)	Loading Operations Only (Continued)	0.5 < TVP < 11 (Continued)	Gallons > 20,000 (VOC) (Continued)	Vapor balance system	511-20-010	§ 115.212(a)(1),(B), (3)(A)(i)-(ii),(B),-[G](C),(E) § 115.214(a)(1)(B)-(C)	§ 115.212(a)(3)(B) § 115.214(a)(1)(A),(i)-(iii) § 115.215,(1),[G](2),(4),(9)-(10)	§ 115.216,(2),(3)(A),(i)-(iii),(B)	
				Pressurized loading	511-20-011	§ 115.212(a)(1),(C), (3)(A)(i)-(ii),(B),-[G](C),(E) § 115.214(a)(1)(B)-(C)	§ 115.212(a)(3)(B) § 115.214(a)(1)(A),(i)-(iii) § 115.215,(1),[G](2),(4),(9)-(10)	§ 115.216,(2),(3)(A),(i)-(iii),(B)	
	Both Loading and Unloading Operations	0.5 < TVP < 11	Gallons < 20,000 (VOC)	Any	Any/None	511-23-013	§ 115.212(a)(2),[G](7) § 115.217(a)(1) § 115.214(a)(1)(B),(D),(i)	§ 115.214(a)(1)(A),(i) § 115.215,(4)	§ 115.216,(2),(3)(B)
					Any/None	511-23-014	§ 115.212(a)(2),[G](7) § 115.217(a)(2)(A) § 115.214(a)(1)(B),(D),(i)	§ 115.214(a)(1)(A),(i) § 115.215,(4)	§ 115.216,(2),(3)(B),(D)
				Gallons > 20,000 (VOC)	Vapor Control System (VCS) with direct-flame incinerator	511-23-015	§ 115.212(a)(1),(A),(2), (3)(A)(i)-(ii),(B),[G](C),(D)-(E) § 115.214(a)(1)(B)-(C)	§ 115.212(a)(3)(B) § 115.214(a)(1)(A),(i)-(iii) § 115.215,(1),[G](2),(4),(9)-(10) § 115.216(1),(A),(i)	§ 115.216,(1)(A),(i),(2), (3)(A),(i)-(iii),(B)
					VCS with chiller or catalytic incinerator	511-23-016	§ 115.212(a)(1),(A),(2), (3)(A)(i)-(ii),(B),[G](C),(D)-(E) § 115.214(a)(1)(B)-(C)	§ 115.212(a)(3)(B) § 115.214(a)(1)(A),(i)-(iii) § 115.215,(1),[G](2),(4),(9)-(10) § 115.216(1),(A),(ii)	§ 115.216,(1),(A),(ii),(2), (3)(A),(i)-(iii),(B)
					VCS with carbon adsorption system	511-23-017	§ 115.212(a)(1),(A),(2), (3)(A)(i)-(ii),(B),[G](C),(D)-(E) § 115.214(a)(1)(B)-(C)	§ 115.212(a)(3)(B) § 115.214(a)(1)(A),(i)-(iii) § 115.215,(1),[G](2),(4),(9)-(10) § 115.216(1),(A),(iii)	§ 115.216,(1),(A),(iii),(2), (3)(A),(i)-(iii),(B)
					VCS with flare	511-23-018	§ 60.18 § 115.212(a)(1),(A),(2), (3)(A)(i)-(ii),(B),[G](C),(D)-(E) § 115.214(a)(1)(B)-(C)	§ 115.212(a)(3)(B) § 115.214(a)(1)(A),(i)-(iii) § 115.215,(1),[G](2)-(3),(4),(9)-(10) § 115.216(1),(B)	§ 115.216,(1),(B),(2), (3)(A),(i)-(iii),(B)
					VCS with vapor combustor	511-23-019	§ 115.212(a)(1),(A),(2), (3)(A)(i)-(ii),(B),[G](C),(D)-(E) § 115.214(a)(1)(B)-(C)	§ 115.212(a)(3)(B) § 115.214(a)(1)(A),(i)-(iii) § 115.215,(1),[G](2),(4),(9)-(10) § 115.216(1),(A),(iv)	§ 115.216,(1),(A),(iv),(2), (3)(A),(i)-(iii),(B)

Product Transferred	Transfer Operation	Highest True Vapor Pressure (TVP) since 11/15/96 (psia)	Highest Daily Throughput since 11/15/96 (30-day average)	Control Devices / Options	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
				Vapor balance system	511-23-021	§115.212(a)(1),(B),(2) (3)(A)(i)-(ii),(B),[G](C),(D)-(E) §115.214(a)(1)(B)-(C)	§115.212(a)(3)(B) §115.214(a)(1)(A),(i)-(iii) §115.215,(1),[G](2),(4),(9)-(10)	§115.216,(2),(3)(A),(i)-(iii),(B)
				Pressurized loading	511-23-022	§115.212(a)(1),(C),(2), (3)(A)(i)-(ii),(B),[G](C),(D)-(E) §115.214(a)(1)(B)-(C)	§115.212(a)(3)(B) §115.214(a)(1)(A),(i)-(iii) §115.215,(1),[G](2),(4),(9)-(10)	§115.216,(2),(3)(A),(i)-(iii),(B)
VOC other than Liquified Petroleum Gas (LPG) (Continued)	Unloading Operations Only	TVP < 0.5	N/A	Any/None	511-23-023	§115.212(a)(2),[G](7) §115.217(a)(1) §115.214(a)(1)(B),(D),(i)	§115.214(a)(1)(A),(i) §115.215,(4)	§115.216,(2),(3)(B)
		0.5 < TVP < 11	Gal < 20,000 <i>(note: at least one loading operation must be identified)</i>	Any/None	511-23-024	§115.212(a)(2),[G](7) §115.217(a)(2)(A) §115.214(a)(1)(B),(D),(i)	§115.214(a)(1)(A),(i) §115.215,(4)	§115.216,(2),(3)(B),(D)
			Gal. > 20,000	Any/None	511-23-025	§115.212(a)(2),(3),(A), (A)(i)-(ii),(B),[G](C),(D) §115.214(a)(1)(B),(C)	§115.212(a)(3)(B) §115.214(a)(1)(A),(i)-(iii)	§115.216,(3)(A),(i),(iii)

(21) The following permit table lists the requirements for VOC Water Separators affected by 30 TAC Chapter 115, Subchapter B, Division 3 (Water Separation).

Material Separated	Highest Total of VOCs emitted per 24 Hours from this Unit's Vent Since 11/20/95 (pounds)	Highest Maximum True Vapor Pressure (TVP) Since 11/20/95 (psia)	Control Device Type	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting
Crude oil or condensate at production facilities	LBS < 100	Any	None	511-21-001	§115.137(a)(1) [G]§115.132(a)(4)	§115.135(a)(1)-(5) §115.136(a)(1),(3),(4)	§115.136(a)(1),(3),(4)
	LBS > 100	TVP < 0.5	None	511-21-002	§115.137(a)(2) [G]§115.132(a)(4)	§115.135(a)(1)-(5) §115.136(a)(1),(3),(4)	§115.136(a)(1),(3),(4)
		TVP > 0.5	Vapor recovery system (VRS) with direct flame incinerator	511-21-003	§115.131(a) §115.132(a)(3)	§115.135(a)(1)-(5) §115.136(a)(2),(A),(3),(4)	§115.136(a)(2),(A),(3),(4)
			VRS with chiller or catalytic incinerator	511-21-004	§115.131(a) §115.132(a)(3)	§115.135(a)(1)-(5) §115.136(a)(2),(B),(3),(4)	§115.136(a)(2),(B),(3),(4)
			VRS with carbon adsorption system	511-21-005	§115.131(a) §115.132(a)(3)	§115.135(a)(1)-(5) §115.136(a)(2),(C),(3),(4)	§115.136(a)(2),(C),(3),(4)
			VRS with other control system	511-21-006	§115.131(a) §115.132(a)(3)	§115.135(a)(1)-(5) §115.136(a)(3),(4) Periodic Monitoring	§115.136(a)(3),(4)
			Floating roof	511-21-007	§115.132(a)(2)	§115.135(a)(1)-(5) §115.136(a)(3),(4) Periodic Monitoring	§115.136(a)(3),(4)
			Sealed openings, liquid totally enclosed	511-21-008	§115.132(a)(1)	§115.135(a)(1)-(5) §115.136(a)(3),(4) Periodic Monitoring	§115.136(a)(3),(4)
Storm water, spills, or exterior surface cleanup waters	Any	Any	VOC water separator must be fully covered	511-21-009	None [§115.137(a)(3)]	None	None
Other	Any	TVP < 0.5	None	511-21-010	§115.137(a)(2) [G]§115.132(a)(4)	§115.135(a)(5) §115.136(a)(1),(3),(4)	§115.136(a)(1),(3),(4)
		TVP > 0.5	VRS with direct flame incinerator	511-21-011	§115.131(a) §115.132(a)(3)	§115.135(a)(1)-(5) §115.136(a)(2),(A),(3),(4)	§115.136(a)(2),(A),(3),(4)
			VRS with chiller or catalytic incinerator	511-21-012	§115.131(a) §115.132(a)(3)	§115.135(a)(1)-(5) §115.136(a)(2),(B),(3),(4)	§115.136(a)(2),(B),(3),(4)
			VRS with carbon adsorption system	511-21-013	§115.131(a) §115.132(a)(3)	§115.135(a)(1)-(5) §115.136(a)(2),(C),(3),(4)	§115.136(a)(2),(C),(3),(4)

Material Separated	Highest Total of VOCs emitted per 24 Hours from this Unit's Vent Since 11/20/95 (pounds)	Highest Maximum True Vapor Pressure (TVP) Since 11/20/95 (psia)	Control Device Type	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting
			VRS with other control system	511-21-014	§115.131(a) §115.132(a)(3)	§115.135(a)(1)-(5) §115.136(a)(3),(4) Periodic Monitoring	§115.136(a)(3),(4)
			Floating roof	511-21-015	§115.132(a)(2)	§115.135(a)(1)-(5) §115.136(a)(3),(4) Periodic Monitoring	§115.136(a)(3),(4)
			Sealed openings, liquid totally enclosed	511-21-016	§115.132(a)(1)	§115.135(a)(1)-(5) §115.136(a)(3),(4) Periodic Monitoring	§115.136(a)(3),(4)

(22) The following permit table lists the requirements for Cold Cleaning Degreasing Operations affected by 30 TAC Chapter 115, Subchapter E, Division 1 (Degreasing and Clean-Up Processes).

Solvent Spray	Remote Reservoir	Solvent True Vapor Pressure (TVP) at 100°F (psia)	Drain Area (in <sup>2</sup> )	Waste Solvent Properly Disposed in Enclosed Containers	Solvent Heated Above 120°F	Cleaned Parts Larger than Internal Drainage	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting
Yes	No	TVP < 0.6	N/A	N/A	No	N/A	511-22-001	§115.412(1),(A),(C),(D),(F) §115.417(1),(2),(A)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)
					Yes	N/A	511-22-002	§115.412(1),(A),(C)-(F) §115.417(1)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)
		TVP > 0.6	N/A	N/A	N/A	Yes	511-22-003	§115.412(1),(A),(C),(D),(E),(F) §115.417(1)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)
					No	511-22-004	§115.412(1),(A)-(F)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)	
	Yes	TVP < 0.6	Area < 16	No	No	N/A	511-22-005	§115.412(1),(A),(C),(D),(F) §115.417(1),(2)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)
					Yes	N/A	511-22-006	§115.412(1),(A),(C),(D),(F) §115.417(1),(2),(B)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)
					Yes	N/A	511-22-007	None [§115.417(4)]	None	None
		TVP > 0.6	Area > 16	N/A	No	N/A	511-22-008	§115.412(1),(A),(C),(D),(F) §115.417(1),(2)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)
					Yes	N/A	511-22-009	§115.412(1),(A),(C),(D),(F) §115.417(1),(2),(B)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)
					Yes	N/A	511-22-010	§115.412(1),(A),(C),(D),(F) §115.417(1),(2),(B)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)
No	No	TVP < 0.6	N/A	N/A	No	N/A	511-22-012	§115.412(1),(A),(C),(F) §115.417(1),(2),(A)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)
					Yes	N/A	511-22-013	§115.412(1),(A),(C),(E),(F) §115.417(1)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)
No	No	TVP > 0.6	N/A	N/A	N/A	Yes	511-22-014	§115.412(1),(A),(C),(E),(F) §115.417(1)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)
					No	511-22-015	§115.412(1),(A)-(C),(E),(F)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)	

Solvent Spray	Remote Reservoir	Solvent True Vapor Pressure (TVP) at 100°F (psia)	Drain Area (in <sup>2</sup> )	Waste Solvent Properly Disposed in Enclosed Containers	Solvent Heated Above 120°F	Cleaned Parts Larger than Internal Drainage	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting		
No (cont.)	Yes	TVP < 0.6	Area < 16	No	No	N/A	511-22-016	§115.412(1),(A),(C),(F) §115.417(1),(2)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)		
					Yes	N/A	511-22-017	§115.412(1),(A),(C),(F) §115.417(1),(2),(B)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)		
				Yes	N/A	N/A	511-22-018	None [§115.417(4)]	None	None		
				Area > 16	N/A	No	N/A	511-22-019	§115.412(1),(A),(C),(F) §115.417(1),(2)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)	
					Yes	N/A	511-22-020	§115.412(1),(A),(C),(F) §115.417(1),(2),(B)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)		
				TVP > 0.6	N/A	N/A	N/A	Yes	511-22-021	§115.412(1),(A),(C),(F) §115.417(1),(2),(B)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)
								No	511-22-022	§115.412(1),(A)-(C),(F) §115.417(2),(B)	§115.415(1)(A) Periodic Monitoring	§115.416,(1)

(23) The following permit table lists the requirements for Stationary Internal Combustion Engines affected by 30 TAC Chapter 117, Subchapter B, Division 3 and located in Houston/Galveston area.

Horsepower Rating	RACT or ESAD	Service Type	Hours of Operation per Year Based on a Rolling 12-month Average	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Engine Type	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
N/A	N/A	Emergency	N/A	N/A	N/A	N/A	N/A	511-23-026	§117.203(a)(6)(D)	None	§117.213(i) §117.19(f),(6)(B)
Horsepower Rating <150 hp	RACT	Non-Emergency	N/A	N/A	N/A	N/A	N/A	511-23-001	None [§117.205(h)(10)(A)]	None	None
Horsepower Rating > 150 hp	RACT	Non-Emergency	Hours < 850	N/A	N/A	N/A	N/A	511-23-008	§117.205(h)(2)	None	§117.209(c)(1) §117.213(i),(m) §117.215(a)(6),(C) §117.19(f),(6)(B)
			Hours > 850	On/Before 11/15/92	Yes	Rich- Burn	CEMS	511-23-009	§117.205(a)(1), (2),(d),(g) §117.208(a),(d), (4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1), (2),(4),(b),(c),(f),(2) §117.213(a),(c)(1), (3)(B),(D),(d), (1)(A),(d)(2),(A), (B),(e),(1)-(3), (g)(2)	§117.209(a),(1),(b),(c),(1),(2), (4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e), (f),(1),(2),(A),(3),(A),(B), (7)-(9)
								PEMS	511-23-010	§117.205(a)(1), (2),(d),(g) §117.208(a),(d), (4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1), (2),(4),(b),(c),(f), (2) §117.213(a),(c)(1), (3)(B),(C),(D), (d),(1)(B),(d)(2),(A), (B),(e)(1)(B),(ii),(f), (1),(2)(A)(i),(B),(3), (7),(g)(2)

Horsepower Rating	RACT or ESAD	Service Type	Hours of Operation per Year Based on a Rolling 12-month Average	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Engine Type	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Horsepower Rating > 150 hp (Continued)	RACT (Continued)	Non-Emergency (Continued)	Hours > 850 (Continued)	On/Before 11/15/92 (Continued)	Yes (Continued)	Rich- Burn (Continued)	Other	511-23-011	§117.205(a)(1), (2),(d),(g) §117.208(a),(d), (4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1), (2),(4),(b), (e)(1)-(5) §117.213(a) §117.213(g)(1)	§117.209(a),(1),(b),(c),(1),(2), (4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(c),(e),(f), (1),(3),(9)
							N/A	511-23-012	§117.205(h)(6)	§117.209(b) §117.213(a)	§117.209(a),(1),(b),(c),(1),(2), (4)-(9),(11) §117.219(f),(1)
					No	Rich- Burn	CEMS	511-23-013	§117.205(d),(g) §117.208(a),(d), (4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1), (2),(4),(b),(c),(f),(2) §117.213(a),(c)(1), (3)(B),(D),(d), (1)(A),(d)(2),(A), (B),(e),(1)-(3), (g)(2)	§117.209(a),(1),(b),(c),(1),(2), (4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e), (f),(1)(2),(A),(3),(A),(B), (7)-(9)
							PEMS	511-23-014	§117.205(d),(g) §117.208(a),(d), (4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1), (2),(4),(b),(c),(f),(2) §117.213(a),(c)(1), (3)(B),(C),(D), (d),(1)(B),(d)(2),(A), (B),(e)(1)(B),(ii),(f), (1),(2)(A)(i),(B),(3), (7),(g)(2)	§117.209(a),(1),(b),(c),(1),(2), (4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e), (f),(1)(2),(A),(3),(A),(B), (7)-(9)
		Rich- Burn Continued	Other	511-23-015	§117.205(d),(g) §117.208(a),(d), (4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1), (2),(4),(b), (e)(1)-(5) §117.213(a) §117.213(g)(1)	§117.209(a),(1),(b),(c),(1),(2), (4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(c),(e),(f), (1),(3),(9)				

Horsepower Rating	RACT or ESAD	Service Type	Hours of Operation per Year Based on a Rolling 12-month Average	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Engine Type	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting					
Horsepower Rating > 150 hp (Continued)	RACT (Continued)	Non-Emergency (Continued)	Hours > 850 (Continued)	On/Before 11/15/92 (Continued)	No (Continued)	Lean-Burn	N/A	511-23-016	§117.205(h)(6)	§117.209(b) §117.213(a)	§117.209(a),(b),(c),(1),(3), (7),(9),(11)					
				After 11/15/92	N/A	N/A	N/A	511-23-017	None [§117.205(h)(8)]	None	None					
				New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93	Yes	Rich-Burn	CEMS	511-23-018	§117.205(d),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(c),(f),(2) §117.213(a),(c)(1),(3)(B),(D),(d),(1)(A),(d)(2),(A),(B),(e),(1)-(3),(g)(2)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e),(f),(1)(2),(A),(3),(A),(B),(7)-(9)					
												PEMS	511-23-019	§117.205(d),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(c),(f),(2) §117.213(a),(c)(1),(3)(B),(C),(D),(d),(1)(B),(d)(2),(A),(B),(e)(1)(B),(ii),(f),(1),(2)(A)(i),(B),(3),(7),(g)(2)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e),(f),(1)(2),(A),(3),(A),(B),(7)-(9)
												Other	511-23-020	§117.205(d),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(e)(1)-(5) §117.213(a) §117.213(g)(1)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(c),(e),(f),(1),(3),(9)
Lean-Burn	N/A	511-23-021	§117.205(h)(6)	§117.209(b) §117.213(a)	§117.209(a),(1)(b),(c),(1),(3), (7),(9),(11)											

Horsepower Rating	RACT or ESAD	Service Type	Hours of Operation per Year Based on a Rolling 12-month Average	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Engine Type	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Horsepower Rating > 150 hp (Continued)	RACT (Continued)	Non-Emergency (Continued)	Hours > 850 (Continued)	New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93 (Continued)	No	Rich-Burn	CEMS	511-23-022	§117.205(a)(2),(3),(d),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(c),(f),(2) §117.213(a),(c)(1),(3)(B),(D),(d),(1)(A),(d)(2),(A),(B),(e),(1)-(3),(g)(2)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e),(f),(1)(2),(A),(3),(A),(B),(7)-(9)
							PEMS	511-23-023	§117.205(d),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(c),(f),(2) §117.213(a),(c)(1),(3)(B),(C),(D),(d),(1)(B),(d)(2),(A),(B),(e)(1)(B),(ii),(f),(1),(2)(A)(i),(B),(3),(7),(g)(2)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e),(f),(1)(2),(A),(3),(A),(B),(7)-(9)
							Other	511-23-024	§117.205(d),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(e)(1)-(5) §117.213(a) §117.213(g)(1)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(c),(e),(f),(1),(3),(9)
							Lean-Burn	N/A	511-23-025	§117.205(h)(6)	§117.209(b) §117.213(a)
N/A	ESAD	Non-Emergency	N/A	N/A	N/A	Rich-Burn	CEMS	511-23-002	§117.206(c)(9)(A),(17),(d)(2),(e),(1),(2),(f)(4),(h) §117.211(d) §117.213(k)(2)	§117.211(a)(1),(2),(4),(b)-(d),(f)(2),(3) §117.213(a),(c)(1),(3)(B),(D),(d),(1)(A),(d)(2),(A),(B),(e),(1)-(4),(g)(2) §117.214(a)(1)(D),(b)(1),(c),(1),(3)	§117.211(g) §117.216(a),(1)(E),(2)-(5),(c) §117.217(1),(3) §117.219(a)-(e),(f),(1),(2),(3),(7)-(9)

Horsepower Rating	RACT or ESAD	Service Type	Hours of Operation per Year Based on a Rolling 12-month Average	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Engine Type	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
N/A (Continued)	ESAD (Continued)	Non-Emergency (Continued)	N/A (Continued)	N/A (Continued)	N/A (Continued)	Rich-Burn (Continued)	PEMS	511-23-003	§117.206(c)(9)(A), (17),(d)(2),(e),(1), (2),(f)(4),(h) §117.211(d) §117.213(k)(2)	§117.211(a)(1), (2),(4),(b),(c)-(d),(f)(2),(3) §117.213(a), (c)(1),(3)(B),(C), (D),(d),(1)(B), (d)(2),(A),(B), (e)(1)(B),(ii),(f), (1),(2)(A)(i),(B), (3),(7),(g)(2) §117.214(a)(1)(D), (b)(1),(c),(1),(3)	§117.211(g) §117.216(a),(1)(E),(2)-(5),(c) §117.217(1),(3) §117.219(a)-(e),(f),(1),(2),(3), (7)-(9)
							Other	511-23-004	§117.206(c)(9)(A), (17),(d)(2),(e),(1), (2),(f)(4),(h) §117.211(d) §117.213(k)(2)	§117.211(a)(1),(2),(4), (b)-(d),(e),(1)-(5), §117.213(a) §117.213(g)(1) §117.214(a)(1)(D),(b), (1)-(3),(c),(1)-(3)	§117.217(1),(3) §117.219(a)-(e),(f),(1),(2),(3), (7)-(9)
						Lean-Burn	CEMS	511-23-005	§117.206(c)(9)(B), (17),(d)(2),(e),(1), (2),(f)(4),(h) §117.211(d) §117.213(k)(2)	§117.211(a)(1),(2),(4), (b),(c)-(d),(f)(2),(3), §117.213(a), (c)(1),(3)(B), (D),(d),(1)(A), (d)(2),(A),(B), (e),(1)-(4),(g)(2) §117.214(a)(1)(D), (b)(1),(c),(1),(3)	§117.211(g) §117.216(a),(1)(E),(2)-(5),(c) §117.217(1),(3) §117.219(a)-(e),(f),(1),(2),(3), (7)-(9)
							PEMS	511-23-006	§117.206(c)(9)(A), (17),(d)(2),(e),(1), (2),(f)(4),(h) §117.211(d) §117.213(k)(2)	§117.211(a)(1),(2),(4), (b),(c)-(d),(f)(2),(3) §117.213(a), (c)(1),(3)(B),(C), (D),(d),(1)(B), (d)(2),(A),(B), (e)(1)(B),(ii),(f), (1),(2)(A)(i),(B), (3),(7),(g)(2) §117.214(a)(1)(D), (b)(1),(c),(1),(3)	§117.211(g) §117.216(a),(1)(E),(2)-(5),(c) §117.217(1),(3) §117.219(a)-(e),(f),(1),(2),(3), (7)-(9)

Horsepower Rating	RACT or ESAD	Service Type	Hours of Operation per Year Based on a Rolling 12-month Average	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Engine Type	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
N/A (Continued)	ESAD (Continued)	Non-Emergency (Continued)	N/A (Continued)	N/A (Continued)	N/A (Continued)	Lean-Burn (Continued)	Other	511-23-007	§117.206(c)(9)(A), (17),(d)(2),(e),(1), (2),(f)(4),(h) §117.211(d) §117.213(k)(2)	§117.211(a)(1),(2),(4), (b),(c),(e),(1)-(5), §117.213(a) §117.213(g)(1) §117.214(a)(1)(D),(b), (1)-(3),(c),(1)-(3)	§117.211(g) §117.216(a),(1)(E),(2)-(5),(c) §117.217(1),(3) §117.219(a)-(e),(f),(1),(2),(3), (7)-(9)

(24) The following permit table lists the requirements for Incinerators affected by 30 TAC Chapter 111.

Type	Amount of Waste Burned (lbs/hr)	Continuous Opacity Monitor, Carbon Monoxide Monitor, or Equivalent	Index No.	Regulatory Requirements [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Single-, Dual-, or Multiple-Chamber burning domestic, municipal, commercial, or industrial solid waste	Amount < 100	N/A	511-24-001	Reserved		
		N/A	511-24-002	§111.121(6)	None	§111.127(d)
	Amount > 100	Yes	511-24-003	§111.121(1)-(5) §111.129(2)	§111.125 §111.127(a)	§111.127(a),(b)
		No	511-24-004	§111.121(1)-(5) §111.129(1),(2)	§111.125 §111.127(a)	§111.127(a),(b)

(25) The following permit table lists the requirements for Boilers affected by 30 TAC Chapter 117, Subchapter B, Divison 3 and located in the Houston/Galveston area.

Type of unit	RACT or ESAD	Maximum Rated Capacity (MRC) (MMBtu/hour)	Heat Input (based on a rolling 12 month average)	Service Date	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting	
Sulfur plant reaction boiler	N/A	N/A	N/A	N/A	511-25-001	§117.203(a)(4)	None	§117.209(a),(1),(c),(1),(3)	
All other industrial, commercial, or institutional (ICI) boilers	N/A	MRC < 2	N/A	N/A	511-25-002	None [§117.203(a)(9)]	None	None	
	RACT	2 < MRC < 40 40 < MRC < 100	N/A	N/A	511-25-003	§117.205(h)(1)	None	§117.209(a),(1),(c),(1),(3)	
					511-25-004	§117.205(h)(1)	None	§117.209(a),(1),(c),(1),(3) §117.215(a) §117.219(a)	
					511-25-005	§117.205(h)(1)	None		
					511-25-006	§117.205(h)(1)	None	§117.209(a),(1),(c),(1),(3) §117.215(a) §117.219(a)	
	ESAD	2 < MRC < 40 40 < MRC < 100	N/A	N/A	N/A	511-25-007	§117.206(c)(1)(C), (17),(d)(2),(e),(1), (2),(3)(B),(f)(4),(h) §117.211(d)	§117.211(a)(1),(2),(4), (b)-(c), (e)(1)-(5),(f)(1)-(3) §117.214(a)(1)(D),(b), (c),(1)-(3)	§117.211(g) §117.216(a),(1)(E),(2)-(5),(c) §117.217(1),(3) §117.219(a)-(d),(f),(1),(2), (7)-(9)
						511-25-008	§117.206(c)(1)(B), (17),(d)(2),(e),(1), (2),(3)(B),(f)(4),(h) §117.211(d)	§117.211(a)(1),(2),(4), (b)-(c),(e)(1)-(5),(f)(1)-(3) §117.214(a)(1)(D),(b), (c),(1)-(3)	§117.211(g) §117.216(a),(1)(E),(2)-(5),(c) §117.217(1),(3) §117.219(a)-(d),(f),(1),(2),(7)-(9)

(26) The following permit table lists the requirements for Boilers affected by 30 TAC Chapter 117, Subchapter B, Divison 3 and located in the Beaumont/Port Arthur area.

Type of unit	RACT or ESAD	Maximum Rated Capacity (MRC) (MMBtu/hour)	Heat Input (based on a rolling 12 month average)	Service Date	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Sulfur plant reaction boiler	N/A	N/A	N/A	N/A	511-26-001	§117.203(a)(4)	None	§117.209(a),(1),(c),(1),(3)
All other commercial, institutional, or industrial boilers	N/A	MRC < 2	N/A	N/A	511-26-002	None [§117.203(a)(9)]	None	None
	RACT	2 < MRC < 40 40 < MRC < 100	N/A	N/A	511-26-003	§117.203(a)(2)	None	§117.209(a),(1),(c),(1),(3)
			N/A	On/Before 11/15/92	511-26-004	§117.205(h)(1)	None	§117.215(a) §117.219(a)
			N/A	After 11/15/92, On/Before 6/9/93 or After 6/9/93 and not as a Functionally Identical Replacement	511-26-005	§117.205(h)(8)	None	
			N/A	New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93	511-26-006	§117.205(h)(1)	None	§117.209(a),(1),(c),(1),(3) §117.215(a) §117.219(a)
	ESAD	2 < MRC < 40 40 < MRC < 100	N/A	N/A	511-26-007	None [§117.206(g)(1)]	None	None
			Btu/year < 2.8(10 <sup>11</sup> )	N/A	511-26-008	§117.206(a), (g)(2)	None	§117.219(f),(6)
			Btu/year > 2.8(10 <sup>11</sup> )	N/A	511-26-009	§117.206(a)(1),(d)(1)(B), (e)(1),(2),(3)(B), (f)(1)(C) §117.208(d),(2)-(5) §117.211(d) §117.213(k)(1)	§117.211(a)(1),(2),(4), (b),(e)(1)-(5), (f)(1)-(3), §117.213(a), (c)(1),(3)(B),(C), (D),(d),(1)(A),(B), (d)(2),(A),(B), (e),(1)-(4),(f), (1),(2)(A)(i),(3), (7),(g)(1),(2)	§117.211(g) §117.216(a),(1)(A),(C),(2)-(5),(c) §117.217(1),(3) §117.219(a)-(d),(f),(1), (2)(A),(B),(7)-(9)

(27) The following permit table lists the requirements for Boilers affected by 30 TAC Chapter 117, Subchapter B, Divison 3 and located in the Dallas/Fort Worth area.

Type of unit	RACT or ESAD	Maximum Rated Capacity (MRC) (MMBtu/hour)	Heat Input (based on a rolling 12 month average)	Service Date	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Sulfur plant reaction boiler	N/A	N/A	N/A	N/A	511-27-001	None [§117.203(a)(4)]	None	None
All other institutional, commercial, or industrial (ICI) boilers	N/A	MRC < 2	N/A	N/A	511-27-002	None [§117.203(a)(9)]	None	None
	RACT	2 < MRC < 40	N/A	N/A	511-27-003	None [§117.203(a)(2)]	None	None
		40 < MRC < 100	N/A	On/Before 11/15/92	511-27-004	§117.205(h)(1)	None	§117.215(a) §117.219(a),
			N/A	After 11/15/92	511-27-005	None [§117.203(a)(1)]	None	None
	ESAD	2 < MRC < 40	N/A	N/A	511-27-006	None [§117.206(g)(1)]	None	None
		40 < MRC < 100	Btu/year < 2.8(10 <sup>11</sup> )	N/A	511-27-007	None [§117.206(g)(2)]	None	None
			Btu/year > 2.8(10 <sup>11</sup> )	N/A	511-27-008	§117.206(b)(1),(d)(1)(B),(e)(1),(2),(3)(B),(f)(1)(C) §117.208(d),(2)-(5) §117.211(d) §117.213(k)(1)	§117.211(a)(1),(2),(4),(b),(e)(1)-(5),(f)(1)-(3), §117.213(a),(c)(1),(3)(B),(C),(D),(d),(1)(A),(B),(d)(2),(A),(B),(e),(1)-(4),(f), (1),(2)(A)(i),(3),(7),(g)(1),(2)	§117.211(g) §117.216(a),(1)(A),(C),(2)-(5),(c) §117.217(1),(3) §117.219(a),-(d),(f),(1),(2)(A),(B),(7)-(9)

(28) The following permit table lists the requirements for Heaters affected by 30 TAC Chapter 117, Subchapter B, Divison 3 and located in the

Beaumont/Port Arthur area.

RACT or ESAD	Maximum Rated Capacity (MRC) (MMBtu/hour)	Heat Input (rolling 12 month average)	Service Date	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
RACT	MRC < 2			511-28-001	None [§117.203(a)(9)]	None	None
	2 < MRC < 40	N/A	N/A	511-28-002	§117.203(a)(2)	None	§117.209(a),(1),(c),(1),(3)
	40 < MRC < 100	N/A	On/Before 11/15/92	511-28-003	§117.205(h)(2),(i)(1)	None	§117.209(a),(c) §117.215(a) §117.219(a),(f),(6)
			After 11/15/92 On/Before 6/9/93 Or After 6/9/93 and not as a Functionally Identical Replacement	511-28-004	None [§117.203(a)(1)]	None	None
			New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93	511-28-005	§117.205(h)(8),(i)(1)	None	§117.209(a),(c) §117.215(a) §117.219(a)
ESAD	MRC < 40	N/A	N/A	511-28-006	None [§117.206(g)(1)]	None	None
	40 < MRC < 100	Btu/year < 2.8(10 <sup>11</sup> )	N/A	511-28-007	None [§117.206(g)(2)]	None	None
		Btu/year > 2.8(10 <sup>11</sup> )	N/A	511-28-008	§117.206(a)(2),(d)(1)(B), (e)(1),(2),(3)(B),(f)(1)(C) §117.208(d),(2)-(5) §117.211(d), §117.213(k)(1)	§117.211(a)(1),(2),(4),(b), (f)(1)-(3), §117.213(a),(c)(1),(3)(B),(C),(D), (d),(1)(A),(B),(d)(2),(A),(B), (e),(1)-(4),(f),(1),(2)(A)(i),(3), (7),(g)(1),(2)	§117.211(g) §117.216(a),(1)(A),(C),(2)-(5),(c) §117.217(1),(3) §117.219(a),(b)(1)(d),(f),(1),(9)

(29) The following permit table lists the requirements for Heaters affected by 30 TAC Chapter 117, Subchapter B, Divison 3 and located in the

Dallas/Fort Worth area.

Maximum Rated Capacity (MRC) (MMBtu/hour)	Service Date	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
MRC < 2	N/A	511-29-001	None [§117.203(a)(9)]	None	None
2 < MRC < 40	N/A	511-29-002	None [§117.203(a)(2)]	None	None
40 < MRC < 100	On/Before 11/15/92	511-29-003	§117.205(h)(1)	None	§117.215(a) §117.219(a)
	After 11/15/92 OR After 6/9/93 and not a Functionally Identical Replacement	511-29-004	None [§117.203(a)(1)]	None	None

(30) The following permit table lists the requirements for Stationary Gas Turbines affected by 30 TAC Chapter 117, Subchapter B, Division 3 and

located in the Beaumont/Port Arthur area.

Maximum Rated Capacity (MRC) (Megawatts)	Service Type	Hours of Operation per Year (rolling 12-month average)	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
MRC < 1	N/A	N/A	N/A	N/A	N/A	511-30-032	None [§117.203(a)(7)]	None	None
MRC > 1	Emergency		N/A	N/A	N/A	511-30-033	§117.203(a)(6)(D)	None	§117.213(i) §117.219(f),(6)(B)
1 < MRC < 10	Non-Emergency					511-30-001	Reserved		
		Hours > 850	On/Before 11/15/92	N/A	N/A	511-30-002	§117.205(h)(7)	§117.209(b) §117.213(a),(h)	§117.209(a),(1),(b),(c),(1),(3), (7),(9),(11) §117.219(a),(f)
			After 11/15/92 and on/before 6/9/93 OR After 6/9/93 and not a Functionally Identical Replacement	N/A	N/A	511-30-003	§117.203(a)(1)	None	None
			New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93	N/A	N/A	511-30-004	§117.205(h)(7)	§117.209(b) §117.213(a),(h)	§117.209(a),(1),(b),(c),(1),(3), (7),(9),(11) §117.219(a),(f)
10 < MRC < 30	Non-Emergency	Hours < 850	N/A	N/A	N/A	511-30-005	§117.205(h)(2)	None	§117.213(i),(m) §117.215(a)(6)(B),(d)-(e) §117.219(f),(6)(B)
		Hours > 850	On/Before 11/15/92	Yes	CEMS	511-30-006	§117.205(a)(1),(2),(c) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) §117.213(a),(2),(c)(3)(B),(D), (d),(1)(A),(2),(e),(1)-(3), (5)-(6),(h)(1)	§117.209(a)(1),(b),(5),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)

Maximum Rated Capacity (MRC) (Megawatts)	Service Type	Hours of Operation per Year (rolling 12-month average)	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
10 < MRC < 30 (Continued)	Non-Emergency (Continued)	Hours > 850 (Continued)	On/Before 11/15/92 (Continued)	Yes (Continued)	PEMS	511-30-007	§ 117.205(a)(1),(2),(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(c)(3)(B)-(D), (d),(1)(B),(2),(e)(1)(B)(ii),(f), (1),(2)(A)(i),(B),(3),(7),(h)(1)	§ 117.209(a),(b),(5),(c),(1),(2), (4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E),(3)- (5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
					Continuous Monitoring System	511-30-008	§ 117.205(a)(1),(2),(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (e)(1)-(5) § 117.213(a),(h)(2)	§ 117.209(a)(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1)(A), (2)-(5),(f),(1),(4),(8)-(9)
					Other/None	511-30-009	§ 117.205(a)(1),(2),(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (e)(1)-(5) § 117.213(a)	§ 117.209(a)(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c), (f),(1),(9)
				No	CEMS	511-30-010	§ 117.205(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(2),(c)(3)(B),(D), (d),(1)(A),(2),(e),(1)-(3), (5)-(6),(h)(1)	§ 117.209(a)(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1) (2)-(5),(f),(1),(2),(7)-(9)
					PEMS	511-30-011	§ 117.205(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(c)(3)(B)-(D), (d),(1)(B),(2),(e)(1)(B)(ii),(f), (1),(2)(A)(i),(B),(3),(7),(h)(1)	§ 117.209(a)(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)

Maximum Rated Capacity (MRC) (Megawatts)	Service Type	Hours of Operation per Year (rolling 12-month average)	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
10 < MRC < 30 (Continued)	Non-Emergency (Continued)	Hours > 850 (Continued)	On/Before 11/15/92 (Continued)	No (Continued)	Continuous Monitoring System	511-30-012	§117.205(c) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (e)(1)-(5) §117.213(a),(h)(2)	§117.209(a)(1),(b),(5),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1)(A), (2)-(5),(f),(1),(4),(8)-(9)
					Other/None	511-30-013	§117.205(c) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (e)(1)-(5) §117.213(a)	§117.209(a)(1),(b),(5),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c), (f),(1),(9)
			After 11/15/92 and on/before 6/9/93 OR After 6/9/93 and not a Functionally Identical Replacement	N/A	N/A	511-30-014	§117.203(a)(1)	None	§117.215(a)(6)(B),(d)-(e)
			New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93	Yes	CEMS	511-30-015	§117.205(c) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) §117.213(a),(2),(c)(3)(B),(D), (d),(1)(A),(2),(e),(1)-(3), (5)-(6),(h)(1)	§117.209(a)(1),(b),(5),(c),(1),(2), (4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1) (2)-(5),(f),(1),(2),(7)-(9)
					PEMS	511-30-016	§117.205(c) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) §117.213(a),(c)(3)(B)-(D), (d),(1)(B),(2),(e)(1)(B)(ii),(f), (1),(2)(A)(i),(B),(3),(7),(h)(1)	§117.209(a)(1),(b),(5),(c),(1),(2), (4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1) (2)-(5),(f),(1),(2),(7)-(9)

Maximum Rated Capacity (MRC) (Megawatts)	Service Type	Hours of Operation per Year (rolling 12-month average)	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
10 < MRC < 30 (Continued)	Non-Emergency (Continued)	Hours > 850 (Continued)	New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93 (Continued)	Yes (Continued)	Continuous Monitoring System	511-30-017	§ 117.205(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (e)(1)-(5) § 117.213(a),(h)(2)	§ 117.209(a)(1),(b),(5),(c),(1),(2), (4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1)(A), (2)-(5),(f),(1),(4),(8)-(9)
					Other/None	511-30-018	§ 117.205(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (e)(1)-(5) § 117.213(a)	§ 117.209(a)(1),(b),(5),(c),(1),(2), (4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c), (f),(1),(9)
				No	CEMS	511-30-019	§ 117.205(a)(2),(3),(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(2),(c)(3)(B),(D), (d),(1)(A),(2),(e),(1)-(3), (5)-(6),(h)(1)	§ 117.209(a),(b),(5),(c),(1),(2), (4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1) (2)-(5),(f),(1),(2),(7)-(9)
					PEMS	511-30-020	§ 117.205(a)(2),(3),(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(c)(3)(B)-(D), (d),(1)(B),(2),(e)(1)(B)(ii),(f), (1),(2)(A)(i),(B),(3),(7),(h)(1)	§ 117.209(a)(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1) (2)-(5),(f),(1),(2),(7)-(9)
					Continuous Monitoring System	511-30-021	§ 117.205(a)(2),(3),(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (e)(1)-(5) § 117.213(a),(h)(2)	§ 117.209(a)(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1)(A), (2)-(5),(f),(1),(4),(8)-(9)

Maximum Rated Capacity (MRC) (Megawatts)	Service Type	Hours of Operation per Year (rolling 12-month average)	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
10 < MRC < 30 (Continued)	Non-Emergency (Continued)	Hours > 850 (Continued)	New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93 (Continued)		Other/None	511-30-022	§ 117.205(a)(2),(3),(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1)(A),(2),(4),(b), (e)(1)-(5) § 117.213(a)	§ 117.209(a)(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c), (f),(1),(9)
MRC > 30	Non-Emergency	Hours < 850	N/A	N/A	N/A	511-30-023	§ 117.205(h)(2)	None	§ 117.213(i),(m) § 117.215(a)(6)(B),(d)-(e) § 117.219(f),(6)(B)
		Hours < 850	On/Before 11/15/92	Yes	CEMS	511-30-024	§ 117.205(a)(1),(2),(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(2),(c)(3)(B),(D), (d),(1)(A),(2),(e),(1)-(3), (5)-(6),(h)(1)	§ 117.209(a)(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1) (2)-(5),(f),(1),(2),(7)-(9)
					PEMS	511-30-025	§ 117.205(a)(1),(2),(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(c)(3)(B)-(D), (d),(1)(B),(2),(e)(1)(B)(ii),(f), (1),(2)(A)(i),(B),(3),(7),(h)(1)	§ 117.209(a)(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1) (2)-(5),(f),(1),(2),(7)-(9)
					CEMS	511-30-026	§ 117.205(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(2),(c)(3)(B),(D), (d),(1)(A),(2),(e),(1)-(3), (5)-(6),(h)(1)	§ 117.209(a)(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1) (2)-(5),(f),(1),(2),(7)-(9)

Maximum Rated Capacity (MRC) (Megawatts)	Service Type	Hours of Operation per Year (rolling 12-month average)	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
MRC > 30 (Continued)	Non-Emergency (Continued)	Hours > 850	On/Before 11/15/92	No	PEMS	511-30-027	§ 117.205(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(c)(3)(B)-(D), (d),(1)(B),(2),(e)(1)(B)(ii),(f), (1),(2)(A)(i),(B),(3),(7),(h)(1)	§ 117.209(a)(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1) (2)-(5),(f),(1),(2),(7)-(9)
			After 11/15/92 and on/before 6/9/93 OR After 6/9/93 and not a Functionally Identical Replacement	N/A	N/A	511-30-028	§ 117.203(a)(1)	None	§ 117.215(a)(6)(B),(d)-(e)
			New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93	Yes	CEMS	511-30-029	§ 117.205(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(2),(c)(3)(B),(D), (d),(1)(A),(2),(e),(1)-(3), (5)-(6),(h)(1)	§ 117.209(a)(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1) (2)-(5),(f),(1),(2),(7)-(9)
				No	PEMS	511-30-030	§ 117.205(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(c)(3)(B)-(D), (d),(1)(B),(2),(e)(1)(B)(ii),(f), (1),(2)(A)(i),(B),(3),(7),(h)(1)	§ 117.209(a)(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1) (2)-(5),(f),(1),(2),(7)-(9)
				No	CEMS	511-30-031	§ 117.205(a)(2),(3),(c) § 117.208(a),(d),(4),(5) § 117.211(d) § 117.213(k)(1),(l)	§ 117.211(a),(1),(2),(4),(b), (c),(f),(2),(3) § 117.213(a),(2),(c)(3)(B),(D), (d),(1)(A),(2),(e),(1)-(3), (5)-(6),(h)(1)	§ 117.209(a)(1),(b),(5),(c),(1), (2),(4)-(9),(11) § 117.211(g) § 117.215(a),(1),(2)(A),(E), (3)-(5),(d)-(e) § 117.217(1),(3) § 117.219(a),(b),(c),(d),(1) (2)-(5),(f),(1),(2),(7)-(9)

(31) The following permit table lists the requirements for Stationary Gas Turbines affected by 30 TAC Chapter 117, Subchapter B, Division 3 and located in the Dallas/Fort Worth area.

Maximum Rated Capacity (MRC) (Megawatts)	Service Type	Hours of Operation per Year (rolling 12-month average)	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
MRC < 1	N/A	N/A	N/A	N/A	N/A	511-31-020	None [§117.203(a)(7)]	None	None
MRC > 1	Emergency	N/A	N/A	N/A	N/A	511-31-021	§117.203(6)(D)	None	§117.213(i) §117.219(f),(6)(B)
1 < MRC < 10	Non-Emergency	N/A	On/Before 11/15/92	N/A	N/A	511-31-001	Reserved		
			After 11/15/92 and on/before 6/9/93 OR After 6/9/93 and not a Functionally Identical Replacement	N/A	N/A	511-31-002	§117.205(h)(7)	§117.213(a)	§117.219(a),(b),(f),(1)
				N/A	N/A	511-31-003	§117.203(a)(1)	None	None
10 < MRC < 30	Non-Emergency	Hours < 850	N/A	N/A	N/A	511-31-004	§117.205(h)(2)	None	§117.213(i),(m) §117.215(a),(6)(B),(d)-(e) §117.219(f),(6)(B)
		Hours > 850	On/Before 11/15/92	Yes	CEMS	511-31-005	§117.205(a)(1),(2),(c) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b),(c), ,(f),(2),(3), §117.213(a),(2),(c)(3)(B),(D), (d),(1)(A),(2),(e),(1)-(3), (5)-(6),(h)(1)	§117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5), (d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
					PEMS	511-31-006	§117.205(a)(1),(2),(c) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b),(c), (f),(2),(3), §117.213(a),(c)(3)(B)-(D), (d),(1)(B),(2),(e)(1)(B)(ii),(f), (1),(2)(A)(i),(B),(3),(7),(h)(1)	§117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5), (d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
					Continuous Monitoring System	511-31-007	§117.205(a)(1),(2),(c) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (e)(1)-(5), §117.213(a),(h)(2)	§117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5), (d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1)(A), (2)-(5),(f),(1),(4),(7)-(8)

Maximum Rated Capacity (MRC) (Megawatts)	Service Type	Hours of Operation per Year (rolling 12-month average)	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
10 < MRC < 30 (Continued)	Non-Emergency (Continued)	Hours > 850 (Continued)	On/Before 11/15/92 (Continued)	Yes (Continued)	Other/None	511-31-008	§117.205(a)(1),(2),(c) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (e)(1)-(5), §117.213(a)	§117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5), (d)-(e) §117.217(1),(3) §117.219(a),(b),(c), (f),(1),(9)
				No	CEMS	511-31-009	§117.205(c) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b),(c), (f),(2),(3), §117.213(a),(2),(c)(3)(B),(D), (d),(1)(A),(2),(e),(1)-(3), (5)-(6),(h)(1)	§117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5), (d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
					PEMS	511-31-010	§117.205(c) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b),(c), (f),(2),(3), §117.213(a),(c)(3)(B)-(D), (d),(1)(B),(2),(e)(1)(B)(ii),(f), (1),(2)(A)(i),(B),(3),(7),(h)(1)	§117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5), (d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
					Continuous Monitoring System	511-31-011	§117.205(c) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (e)(1)-(5), §117.213(a),(h)(2)	§117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5), (d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1)(A), (2)-(5),(f),(1),(4),(7)-(8)
					Other/None	511-31-012	§117.205(c) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b), (e)(1)-(5), §117.213(a)	§117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5), (d)-(e) §117.217(1),(3) §117.219(a),(b),(c), (f),(1),(9)
				After 11/15/92 and on/before 6/9/93 OR After 6/9/93 and not a Functionally Identical Replacement	N/A	N/A	511-31-013	§117.203(a)(1)	None
MRC > 30	Non-Emergency	Hours < 850	N/A	N/A	N/A	511-31-014	§117.203(6)(B)	None	§117.213(i),(m) §117.215(a)(6)(B),(d)-(e) §117.219(f),(6)(B)

Maximum Rated Capacity (MRC) (Megawatts)	Service Type	Hours of Operation per Year (rolling 12-month average)	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
MRC > 30 (Continued)	Non-Emergency (Continued)	Hours > 850 (Continued)	On/Before 11/15/92	Yes	CEMS	511-31-015	§117.205(a)(1),(2),(c) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b),(c), (f),(2),(3), §117.213(a),(2),(c)(3)(B),(D), (d),(1)(A),(2),(e),(1)-(3), (5)-(6),(h)(1)	§117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5), (d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
					PEMS	511-31-016	§117.205(a)(1),(2),(c) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b),(c), (f),(2),(3), §117.213(a),(c)(3)(B)-(D), (d),(1)(B),(2),(e)(1)(B)(ii),(f), (1),(2)(A)(i),(B),(3),(7),(h)(1)	§117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5), (d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
					CEMS	511-31-017	§117.205(c) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b),(c), (f),(2),(3), §117.213(a),(2),(c)(3)(B),(D), (d),(1)(A),(2),(e),(1)-(3), (5)-(6),(h)(1)	§117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5), (d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
					PEMS	511-31-018	§117.205(c) §117.208(a),(d),(4),(5) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1),(2),(4),(b),(c), (f),(2),(3), §117.213(a),(c)(3)(B)-(D), (d),(1)(B),(2),(e)(1)(B)(ii),(f), (1),(2)(A)(i),(B),(3),(7),(h)(1)	§117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5), (d)-(e) §117.217(1),(3) §117.219(a),(b),(c),(d),(1), (2)-(5),(f),(1),(2),(7)-(9)
			After 11/15/92 and on/before 6/9/93 OR After 6/9/93 and not a Functionally Identical Replacement	N/A	N/A	511-31-019	§117.203(a)(1)	None	§117.215(a)(6)(B),(d)-(e)

(32) The following permit table lists the requirements for Stationary Internal Combustion Engines affected by 30 TAC Chapter 117, Subchapter B, Division 3 and located in Beaumont/Port Arthur area.

Horsepower Rating	Service Type	Hours of Operation per Year Based on a Rolling 12-month Average	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Engine Type	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Horsepower Rating < 300 hp	N/A	N/A	N/A	N/A	N/A	N/A	511-32-027	None [§117.203(a)(8)(A)]	None	None
Horsepower Rating > 300 hp	Emergency	N/A	N/A	N/A	N/A	N/A	511-32-028	§117.203(a)(6)(D)	None	§117.213(i) §117.219(f),(6)(B)
	Non-Emergency	Hours < 850	N/A	N/A	N/A	N/A	511-32-001	§117.205(h)(2)	None	§117.209(a),(1),(c),(1),(3) §117.213(i),(m) §117.219(f),(6)(B)
		Hours > 850	On/Before 11/15/92	Yes	Rich-Burn	CEMS	511-32-002	§117.205(a)(1),(2),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(c),(f),(2),(3) §117.213(a),(c)(1),(3)(B),(D),(d),(1)(A),(d)(2),(A),(B),(e),(1)-(3),(g)(2)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e),(f),(1),(2),(A),(B)(3),(A),(B),(7)-(9)
						PEMS	511-32-003	§117.205(a)(1),(2),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(c),(f)(2),(3) §117.213(a),(c)(1),(3)(B),(C),(D),(d),(1)(B),(d)(2),(A),(B),(e)(1)(B),(ii),(f),(1),(2)(A)(i),(B),(3),(7),(g)(2)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e),(f),(1),(2),(A),(B)(3),(A),(B),(7)-(9)
Other	511-32-004	§117.205(a)(1),(2),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(e)(1)-(5) §117.213(a),(g)(1)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(c),(e),(f),(1),(3),(9)						

Horsepower Rating	Service Type	Hours of Operation per Year Based on a Rolling 12-month Average	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Engine Type	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Horsepower Rating > 300 hp	Non-Emergency	Hours > 850	On/Before 11/15/92	Yes	Lean-Burn	CEMS	511-32-005	§117.205(e),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(c),(f),(2),(3) §117.213(a),(c)(1),(3)(B),(D),(d),(1)(A),(d)(2),(A),(B),(e),(1)-(3),(g)(2)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e),(f),(1),(2),(A),(B)(3),(A),(B),(7)-(9)
						PEMS	511-32-006	§117.205(e),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(c),(f)(2),(3) §117.213(a),(c)(1),(3)(B),(C),(D),(d),(1)(B),(d)(2),(A),(B),(e)(1)(B),(ii),(f),(1),(2)(A)(i),(B),(3),(7),(g)(2)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e),(f),(1),(2),(A),(B)(3),(A),(B),(7)-(9)
						Other	511-32-007	§117.205(e),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(e)(1)-(5) §117.213(a),(g)(1)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(c),(e),(f),(1),(3),(9)
				No	Rich-Burn	CEMS	511-32-008	§117.205(d),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(c),(f),(2),(3) §117.213(a),(c)(1),(3)(B),(D),(d),(1)(A),(d)(2),(A),(B),(e),(1)-(3),(g)(2)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e),(f),(1),(2),(A),(3),(A),(B),(7)-(9)

Horsepower Rating	Service Type	Hours of Operation per Year Based on a Rolling 12-month Average	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Engine Type	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Horsepower Rating > 300 hp	Non-Emergency	Hours > 850	On/Before 11/15/92	No	Rich-Burn	PEMS	511-32-009	§117.205(d),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(c),(f)(2),(3) §117.213(a),(c)(1),(3)(B),(C),(D),(d),(1)(B),(d)(2),(A),(B),(e)(1)(B),(ii),(f),(1),(2)(A)(i),(B),(3),(7),(g)(2)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e),(f),(1),(2),(A),(3),(A),(B),(7)-(9)
						Other	511-32-010	§117.205(d),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(e)(1)-(5) §117.213(a),(g)(1)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(c),(e),(f),(1),(3),(9)
					Lean-Burn	CEMS	511-32-011	§117.205(e),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(c),(f),(2),(3) §117.213(a),(c)(1),(3)(B),(D),(d),(1)(A),(d)(2),(A),(B),(e),(1)-(3),(g)(2)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e),(f),(1),(2),(A),(B)(3),(A),(B),(7)-(9)
						PEMS	511-32-012	§117.205(e),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(c),(f)(2),(3) §117.213(a),(c)(1),(3)(B),(C),(D),(d),(1)(B),(d)(2),(A),(B),(e)(1)(B),(ii),(f),(1),(2)(A)(i),(B),(3),(7),(g)(2)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e),(f),(1),(2),(A),(B)(3),(A),(B),(7)-(9)

Horsepower Rating	Service Type	Hours of Operation per Year Based on a Rolling 12-month Average	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Engine Type	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Horsepower Rating > 300 hp	Non-Emergency	Hours > 850	On/Before 11/15/92	No ( <i>continued</i> )	Lean-Burn	Other	511-32-013	§117.205(e),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(e)(1)-(5) §117.213(a),(g)(1)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(c),(e),(f),(1),(3),(9)
			After 11/15/92 and On/Before 6/9/93 or After 6/9/93 and not a functionally identical replacement	N/A	N/A	N/A	511-32-014	§117.203(a)(1)	None	§117.215(a)(6)(C)(ii)
			New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93	Yes	Rich-Burn	CEMS	511-32-015	§117.205(d),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(c),(f),(2),(3) §117.213(a),(c)(1),(3)(B),(D),(d),(1)(A),(d)(2),(A),(B),(e),(1)-(3),(g)(2)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e),(f),(1),(2),(A),(3),(A),(B),(7)-(9)
						PEMS	511-32-016	§117.205(d),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(c),(f)(2),(3) §117.213(a),(c)(1),(3)(B),(C),(D),(d),(1)(B),(d)(2),(A),(B),(e)(1)(B),(ii),(f),(1),(2)(A)(i),(B),(3),(7),(g)(2)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e),(f),(1),(2),(A),(3),(A),(B),(7)-(9)
Other	511-32-017	§117.205(d),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(e)(1)-(5) §117.213(a),(g)(1)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(c),(e),(f),(1),(3),(9)						

Horsepower Rating	Service Type	Hours of Operation per Year Based on a Rolling 12-month Average	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Engine Type	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Horsepower Rating > 300 hp	Non-Emergency	Hours > 850	New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93	Yes	Lean-Burn	CEMS	511-32-018	§117.205(e),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(c),(f),(2),(3) §117.213(a),(c)(1),(3)(B),(D),(d),(1)(A),(d)(2),(A),(B),(e),(1)-(3),(g)(2)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e),(f),(1),(2),(A),(B)(3),(A),(B),(7)-(9)
						PEMS	511-32-019	§117.205(e),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(c),(f)(2),(3) §117.213(a),(c)(1),(3)(B),(C),(D),(d),(1)(B),(d)(2),(A),(B),(e)(1)(B),(ii),(f),(1),(2)(A)(i),(B),(3),(7),(g)(2)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e),(f),(1),(2),(A),(B)(3),(A),(B),(7)-(9)
						Other	511-32-020	§117.205(e),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(e)(1)-(5) §117.213(a),(g)(1)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(c),(e),(f),(1),(3),(9)
				No	Rich-Burn	CEMS	511-32-021	§117.205(a)(2),(3),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1),(2),(4),(b),(c),(f),(2),(3) §117.213(a),(c)(1),(3)(B),(D),(d),(1)(A),(d)(2),(A),(B),(e),(1)-(3),(g)(2)	§117.209(a),(1),(b),(c),(1),(2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E),(3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d),(e),(f),(1),(2),(A),(B)(3),(A),(B),(7)-(9)

Horsepower Rating	Service Type	Hours of Operation per Year Based on a Rolling 12-month Average	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Engine Type	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Horsepower Rating > 300 hp	Non-Emergency	Hours > 850	New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93	No	Rich-Burn	PEMS	511-32-022	§117.205(a)(2),(3),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1), (2),(4),(b),(c), (f)(2),(3) §117.213(a), (c)(1),(3)(B),(C), (D),(d),(1)(B), (d)(2),(A),(B), (e)(1)(B),(ii),(f), (1),(2)(A)(i),(B), (3),(7),(g)(2)	§117.209(a),(1),(b),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c), (d),(e),(f),(1),(2),(A),(B) (3),(A),(B),(7)-(9)
						Other	511-32-023	§117.205(a)(2),(3),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1), (2),(4),(b),(e)(1)-(5) §117.213(a), (g)(1)	§117.209(a),(1),(b),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(c),(e), (f),(1),(3),(9)
					Lean-Burn	CEMS	511-32-024	§117.205(e),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1), (2),(4),(b),(c), (f),(2),(3) §117.213(a), (c)(1),(3)(B), (D),(d),(1)(A), (d)(2),(A),(B),(e), (1)-(3),(g)(2)	§117.209(a),(1),(b),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c), (d),(e),(f),(1),(2),(A), (3),(A),(B),(7)-(9)
						PEMS	511-32-025	§117.205(e),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1), (2),(4),(b),(c), (f)(2),(3) §117.213(a), (c)(1),(3)(B),(C), (D),(d),(1)(B), (d)(2),(A),(B), (e)(1)(B),(ii),(f), (1),(2)(A)(i),(B), (3),(7),(g)(2)	§117.209(a),(1),(b),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c), (d),(e),(f),(1),(2),(A), (3),(A),(B),(7)-(9)

Horsepower Rating	Service Type	Hours of Operation per Year Based on a Rolling 12-month Average	Service Date	30 TAC §117.205 NOx Limit > 30 TAC Chapter 116 Permit NOx Limit	Engine Type	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Horsepower Rating > 300 hp	Non-Emergency	Hours > 850	New unit placed in service as Functionally Identical Replacement for existing unit subject to Chapter 117 ICI provisions as of 6/9/93	No	Lean-Burn	Other	511-32-026	§117.205(e),(g) §117.208(a),(d),(4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.209(b) §117.211(a),(1), (2),(4),(b),(e)(1)-(5) §117.213(a), (g)(1)	§117.209(a),(1),(b),(c),(1), (2),(4)-(9),(11) §117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(c),(e), (f),(1),(3),(9)

(33) The following permit table lists the requirements for Stationary Internal Combustion Engines affected by 30 TAC Chapter 117, Subchapter B, Division 3 and located in Dallas/Fort Worth area.

Horsepower Rating	RACT or ESAD	Service Type	Hours of Operation per Year Based on a Rolling 12-month Average	Service Date	Engine Type	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting		
Horsepower Rating < 300 hp	N/A	N/A	N/A	N/A	N/A	N/A	511-33-011	None [§117.203(a)(8)(B)]	None	None		
Horsepower Rating > 300 hp	N/A	Emergency	N/A	N/A	N/A	N/A	511-33-012	§117.203(a)(6)(D)	None	§117.213(i) §117.219(f),(6)(B)		
	RACT	Non-Emergency	Hours < 850	N/A	N/A	N/A	511-33-001	§117.205(h)(2)	None	§117.213(i),(m) §117.219(f),(6)(B)		
			Hours > 850	On/Before 11/15/92	Rich-Burn	CEMS	511-33-002	§117.205(a)(1), (2),(d),(g) §117.208(a),(d), (4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1), (2),(4),(b),(c), (f),(2),(3) §117.213(a), (c)(1),(3)(B), (D),(d),(1)(A), (d)(2),(A),(B),(e), (1)-(3),(g)(2)	§117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c), (d),(e),(f),(1),(2),(A), (3),(A),(B),(7)-(9)		
								PEMS	511-33-003	§117.205(a)(1), (2),(d),(g) §117.208(a),(d), (4)-(7) §117.211(d) §117.213(k)(1),(l)	§117.211(a),(1), (2),(4),(b),(c), (f)(2) §117.213(a), (c)(1),(3)(B),(C), (D),(d),(1)(B), (d)(2),(A),(B), (e)(1)(B),(ii),(f), (1),(2)(A)(i),(B), (3),(7),(g)(2)	§117.211(g) §117.215(a),(1),(2)(A),(E), (3)-(5),(d),(e) §117.217(1),(3) §117.219(a),(b)(1),(2),(c), (d),(e),(f),(1),(2),(A), (3),(A),(B),(7)-(9)
										Other	511-33-004	§117.205(a)(1), (2),(d),(g) §117.208(a),(d), (4)-(7) §117.211(d) §117.213(k)(1),(l)
			Lean-Burn	N/A	511-33-005	§117.205(h)(6)	None	None				
After 11/15/92	N/A	N/A	511-33-006	None [§117.203(a)(1)]	None	None						

Horsepower Rating	RACT or ESAD	Service Type	Hours of Operation per Year Based on a Rolling 12-month Average	Service Date	Engine Type	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Horsepower Rating > 300 hp	ESAD	Non-Emergency	Hours < 850	N/A	N/A	N/A	511-33-013	§117.206(g)(2)	None	§117.213(i)
							511-33-007	Reserved		
			Hours ≥ 850	Before 1/1/2000 and have not been modified, reconstructed or relocated since 1/1/2000	Rich-Burn	CEMS	511-33-014	§117.206(b)(3),(B), (i),(C), (d)(1)(A), (e),(2),(f)(1)(C) §117.208(d),(4)-(7) §117.211(d) §117.213(k)(1)	§117.211(a),(1), (2),(4),(b),(c), (f),(2),(3) §117.213(a), (c)(1),(3)(B), (D),(d),(1)(A), (d)(2),(A),(B),(e), (1)-(3),(g)(2)	§117.211(g) §117.216(a),(2)-(5),(c) §117.217(1),(3) §117.219(a),(b)(1),(2),(c), (d),(e),(f),(1),(2),(A),(B), (3),(A),(B),(7)-(9)
							PEMS	511-33-015	§117.206(b)(3),(B), (i),(C), (d)(1)(A), (e),(2),(f)(1)(C) §117.208(d),(4)-(7) §117.211(d) §117.213(k)(1)	§117.211(a),(1),(2), (4),(b),(c),(f)(2),(3) §117.213(a), (c)(1),(3)(B),(C), (D),(d),(1)(B), (d)(2),(A),(B), (e)(1)(B),(ii),(f), (1),(2)(A)(i),(B), (3),(7),(g)(2)
						Other	511-33-016	§117.206(b)(3),(B), (i),(C),(d)(1)(B), (e),(2),(f)(1)(C) §117.208(d),(4)-(7) §117.211(d) §117.213(k)(1)	§117.211(a),(1),(2), (4),(b),(e)(1)-(5) §117.213(a),(g)(1)	§117.211(g) §117.216(a),(2)-(5),(c) §117.217(1),(3) §117.219(a),(b)(1),(c),(e), (f),(1),(3),(9)
Installed, modified, reconstructed or relocated on or after 1/1/2000	Rich-Burn	CEMS	511-33-017	§117.206(b)(3),(B), (ii),(C), (D)(1)(A), (e),(2),(f)(1)(C) §117.208(d),(4)-(7) §117.211(d) §117.213(k)(1)	§117.211(a),(1), (2),(4),(b),(c), (f),(2),(3) §117.213(a), (c)(1),(3)(B), (D),(d),(1)(A), (d)(2),(A),(B),(e), (1)-(3),(g)(2)	§117.211(g) §117.216(a),(2)-(5),(c) §117.217(1),(3) §117.219(a),(b)(1),(2),(c), (d),(e),(f),(1),(2),(A),(B), (3),(A),(B),(7)-(9)				

Horsepower Rating	RACT or ESAD	Service Type	Hours of Operation per Year Based on a Rolling 12-month Average	Service Date	Engine Type	Monitoring System	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
Horsepower Rating > 300 hp	ESAD	Non-Emergency	Hours ≥ 850	Installed, modified, reconstructed or relocated on or after 1/1/2000	Rich-Burn	PEMS	511-33-018	§117.206(b)(3),(B), (ii),(C),(d)(1)(A), (e),(2),(f)(1)(C) §117.208(d),(4)-(7) §117.211(d) §117.213(k)(1)	§117.211(a),(1),(2), (4),(b),(c), (f)(2),(3) §117.213(a), (c)(1),(3)(B),(C), (D),(d),(1)(B), (d)(2),(A),(B), (e)(1)(B),(ii),(f), (1),(2)(A)(i),(B), (3),(7),(g)(2)	§117.211(g) §117.216(a),(2)-(5),(c) §117.217(1),(3) §117.219(a),(b)(1),(2),(c), (d),(e),(f),(1),(2),(A),(B), (3),(A),(B),(7)-(9)
						Other	511-33-019	§117.206(b)(3),(B), (ii),(C),(d)(1)(B), (e),(2),(f)(1)(C) §117.208(d),(4)-(7) §117.211(d) §117.213(k)(1)	§117.211(a),(1),(2), (4),(b),(e)(1)-(5) §117.213(a),(g)(1)	§117.211(g) §117.216(a),(2)-(5),(c) §117.217(1),(3) §117.219(a),(b)(1),(c),(e), (f),(1),(3),(9)
				N/A	Lean-Burn	CEMS	511-33-008	§117.206(b)(2), (b)(3),(A),(C), (d)(1)(A),(e), (2),(f)(1)(C) §117.208(d),(4)-(7) §117.211(d) §117.213(k)(1)	§117.211(a)(1), (2),(4),(b),(c), (f),(2),(3) §117.213(a),(c)(1), (3)(B),(D),(d), (1)(A),(d)(2),(A), (B),(e),(1)-(3), (g)(2)	§117.211(g) §117.216(a),(2)-(5),(c) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d), (e),(f),(1),(2),(A),(B),(3), (A),(B),(7)-(9)
				PEMS	511-33-009	§117.206(b)(2), (b)(3),(A),(C), (d)(1)(A),(e), (2),(f)(1)(C) §117.208(d),(4)-(7) §117.211(d) §117.213(k)(1)	§117.211(a)(1),(2), (4),(b),(c),(f),(2),(3) §117.213(a), (c)(1),(3)(B),(C), (D),(d),(1)(B), (d)(2),(A),(B), (e)(1)(B),(ii),(f), (1),(2)(A)(i),(B), (3),(7),(g)(2)	§117.211(g) §117.216(a),(2)-(5),(c) §117.217(1),(3) §117.219(a),(b)(1),(2),(c),(d), (e),(f),(1),(2),(A),(B),(3), (A),(B),(7)-(9)		
				Other	511-33-010	§117.206(b)(2), (b)(3),(A),(C), (d)(1)(A),(e), (2),(f)(1)(C) §117.208(d),(4)-(7) §117.211(d) §117.213(k)(1)	§117.211(a)(1), (2),(4), (b)-(c),(e), §117.213(a),(g)(1)	§117.211(g) §117.216(a),(2)-(5),(c) §117.217(1),(3) §117.219(a),(b)(1),(c),(e),(f), (1),(3),(9)		

(34) The following permit table lists the requirements for Flares affected by 40 CFR Part 63, Subpart A (General Provisions).

Flare is required under 40 CFR Part 63	Heat Content Specification	Flare Assist Type	Exit Velocity at Standard Conditions of 68°F and 1 atm. (ft/second)	Net Heating Value of Gas, $H_T$ , at 77°F and 1 atm. (Btu/scf)	Index No.	Regulatory Requirement [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
No	N/A	N/A	N/A	N/A	511-34-001	None [§63.11(a)]	None	None
Yes	Adhering to §63.11(b)(6)(i)	N/A	N/A	N/A	511-34-006	§63.11(b)(1)-(5),(6)(i)(A)-(B), (7)(i)	§63.11(b)(4)-(5),(7)(i)	None
		Non-assisted OR Steam-assisted	V < 60	N/A	511-34-002	§63.11(b)(1)-(5),(6)(ii),(7)(i)	§63.11(b)(4),(5),(7)(i)	None
	60 < V < 400		$H_T < 1000$	511-34-003	§63.11(b)(1)-(5),(6)(ii),(7)(iii)	§63.11(b)(4),(5),(7)(i)	None	
			$H_T > 1000$	511-34-004	§63.11(b)(1)-(5),(6)(ii),(7)(ii)	§63.11(b)(4),(5),(7)(i)	None	
	V > 400		N/A	511-34-007	§63.11(b)(1)-(5),(6)(ii),(7)(iii)	§63.11(b)(4),(5),(7)(i)	None	
	Air-assisted	N/A	N/A	511-34-005	§63.11(b)(1)-(5),(6)(ii),(8)	§63.11(b)(4),(5)	None	

(35) The following permit table lists the requirements for Stationary Combustion Turbines affected by 40 CFR Part 63, Subpart YYYYY (National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines).

Construction, Modification, or Reconstruction Date	Rated Peak Power Output megawatts (MW)	Type of Service	Technology	Index No.	Regulatory Requirements [Exemption]	Monitoring and Testing	Recordkeeping and Reporting
On/Before 01/14/03	N/A	N/A	N/A	511-35-001	None [§63.6090(b)(4)]	None	None
After 01/14/03	< 1	N/A	N/A	511-35-002	None [§63.6090(b)(3)]	None	None
	> 1	Emergency	N/A	511-35-003	§63.6090(b)(1),(i)	None	§63.6145(d)
		Non-emergency	Lean pre-mix	511-35-004	§63.6095(d)	None	§63.6145(a)-(d)
			Diffusion flame	511-35-005	§63.6095(d)	None	§63.6145(a)-(d)

(36) The following permit table lists the requirements for SRIC Engines affected by 40 CFR Part 63, Subpart ZZZZ (National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines).

Horsepower Rating	Construction or Reconstruction Date	Engine Service Operation	Engine Type	Emission Limitation	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting
< 500 hp	N/A	N/A	N/A	N/A	511-36-001	None [§63.6590(a)]	None	None
> 500 hp	Before 12/19/2002	Emergency Service	N/A	N/A	511-36-002	None [§63.6590(b)(3)]	None	None
		Limited Use (< 100 hr/yr)	N/A	N/A	511-36-003	None [§63.6590(b)(3)]	None	None
		Normal Service	2 stroke, leanburn; 4 stroke, leanburn	N/A	511-36-004	None [§63.6590(b)(3)]	None	None
			4 stroke, richburn	Reducing formaldehyde by 76% or more	511-36-005	§63.6595(c) §63.6600(a)-Table 1a.1.a §63.6600(a)-Table 1b.1.a-b §63.6605(a),(b) §63.6630(a),(b) §63.6640(b)-(d) §63.6665	§63.6610(a),(b),(c),[G](d) §63.6615 §63.6620(a) §63.6620(a)-Table 3.2 §63.6620(a)-Table 3.3 §63.6620(a)-Table 4.3.a.i-iv §63.6620(b)-(d),(e)(1),[G](e)(2) §63.6625(a)-Table 5.4.a.i-iii §63.6625(b) §63.6635(a),(b) §63.6640(a) §63.6640(a)-Table 6.6 §63.6640(b) §63.6640(a)-Table 6.4.a.i-v	§63.6635(a),(c) [G]§63.6655(a),[G](b),(d) §63.6660(a)-(c) §63.6630(c) §63.6640(b),(e) §63.6645(a)-(c),(e),(f),(f)(1),(f)(2) §63.6650(a) §63.6650(a)-Table 7.1.a-c §63.6650(a)-Table 7.2.a-b §63.6650(a),(b),(b)(1)-(4),[G](c),[G](d), [G](e),(f)
		Limit formaldehyde in exhaust	511-36-006	§63.6595(c) §63.6600(a)-Table 1a.1.b §63.6600(a)-Table 1b.1.a-b §63.6605(a),(b) §63.6630(a),(b) §63.6640(b)-(d) §63.6665	§63.6610(a),(b),(c),[G](d) §63.6615 §63.6620(a) §63.6620(a)-Table 3.3, Table 4.3.a.i-iv §63.6620(b)-(d) §63.6625(a)-Table 5.6.a.i-iii §63.6625(b) §63.6635(a),(b) §63.6640(a),(b) §63.6640(a)-Table 6.7.a.i-v	§63.6635(a),(c) [G]§63.6655(a),[G](b),(d) §63.6660(a)-(c) §63.6630(c) §63.6640(b),(e) §63.6645(a)-(c),(e),(f),(f)(1),(f)(2) §63.6650(a) §63.6650(a)-Table 7.1.a-c §63.6650(a)-Table 7.2.a-b §63.6650(a),(b),(b)(1)-(4),[G](c),[G](e),(f)		
	On/After 12/19/2002	Emergency Service	N/A	N/A	511-36-007	§63.6590(b)(1)	None	§63.6640(e) §63.6645(d)
	Limited Use (< 100 hr/yr)	N/A	N/A	511-36-008	§63.6590(b)(1)	None	§63.6640(e) §63.6645(d)	

Horsepower Rating	Construction or Reconstruction Date	Engine Service Operation	Engine Type	Emission Limitation	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting
> 500 hp (continued)	On/After 12/19/2002 (continued)	Normal Service	4 stroke, richburn	Reducing formaldehyde by 76% or more	511-36-009	§63.6595(c) §63.6600(a)-Table1a.1.a §63.6600(a)-Table1b.1.a-b §63.6605(a),(b) §63.6630(a),(b) §63.6640(b)-(d) §63.6665	§63.6610(a),(b),(c),[G](d) §63.6615 §63.6620(a) §63.6620(a)-Table3.2 §63.6620(a)-Table3.3 §63.6620(a)-Table4.3.a.i-iv §63.6620(b)-(d),(e)(1),[G](e)(2) §63.6625(a)-Table5.4.a.i-iii §63.6625(b) §63.6635(a),(b) §63.6640(a) §63.6640(a)-Table6.6 §63.6640(a)-Table6.4.a.i-v §63.6640(b)	§63.6635(a),(c) [G]§63.6655(a),[G](b),(d) §63.6660(a)-(c) §63.6630(c) §63.6640(b),(e) §63.6645(a)-(c),(e),(f),(f)(1),(f)(2) §63.6650(a) §63.6650(a)-Table7.1.a-c §63.6650(a)-Table7.2.a-b §63.6650(a),(b),(b)(1)-(4),[G](c),[G](d), [G](e),(f)
				Limiting formaldehyde in exhaust	511-36-010	§63.6595(c) §63.6600(a)-Table1a.1.b §63.6600(a)-Table1b.1.a-b §63.6605(a),(b) §63.6630(a),(b) §63.6640(b)-(d) §63.6665	§63.6610(a),(b),(c),[G](d) §63.6615 §63.6620(a) §63.6620(a)-Table3.3,Table4.3.a.i-iv §63.6620(b)-(d) §63.6625(a)-Table5.6.a.i-iii §63.6625(b) §63.6635(a),(b) §63.6640(a) §63.6640(a)-Table6.7.a.i-v §63.6640(b)	§63.6635(a),(c) [G]§63.6655(a),[G](b),(d) §63.6660(a)-(c) §63.6630(c) §63.6640(b),(e) §63.6645(a)-(c),(e),(f),(f)(1),(f)(2) §63.6650(a) §63.6650(a)-Table7.1.a-c §63.6650(a)-Table7.2.a-b §63.6650(a),(b),(b)(1)-(4),[G](c),[G](e),(f)
			2 stroke leanburn	Reducing CO emissions	511-36-011	§63.6595(c) §63.6600(b)-Table2a.1.a §63.6600(a)-Table2b.1.a-b §63.6605(a),(b) §63.6630(a),(b) §63.6640(b)-(d) §63.6665	§63.6610(a),(b),(c),[G](d) §63.6615 §63.6620(a) §63.6620(a)-Table3.1 §63.6620(a)-Table4.1.a.i-ii §63.6620(b)-(d),(e)(1),[G](e)(2) §63.6625(a),(a)(1)-(4) §63.6625(a)-Table5.1.a.i-iii §63.6625(a)-Table5.3.a.i-iii §63.6625(b) §63.6635(a),(b) §63.6640(a) §63.6640(a)-Table6.1.a.i-v §63.6640(a)-Table6.3.a.i-iii §63.6640(b)	§63.6635(a),(c) [G]§63.6655(a),[G](b),(d) §63.6660(a)-(c) §63.6630(c) §63.6640(b),(e) §63.6645(a)-(c),(e),(f),(f)(1),(f)(2) §63.6650(a) §63.6650(a)-Table7.1.a-c §63.6650(a)-Table7.2.a-b §63.6650(a),(b),(b)(1)-(4),[G](c),[G](e),(f)

Horsepower Rating	Construction or Reconstruction Date	Engine Service Operation	Engine Type	Emission Limitation	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting
> 500 hp <i>(continued)</i>	On/After 12/19/2002 <i>(continued)</i>	Normal Service <i>(continued)</i>	2 stroke leanburn <i>(continued)</i>	Limiting formaldehyde in exhaust	511-36-012	§63.6595(c) §63.6600(b)-Table2a.1.b §63.6600(a)-Table2b.1.a-b §63.6605(a),(b) §63.6630(a),(b) §63.6640(b)-(d) §63.6665	§63.6610(a),(b),(c),[G](d) §63.6615 §63.6620(a) §63.6620(a)-Table3.3 §63.6620(a)-Table4.3.a.i-iv §63.6620(b)-(d) §63.6625(a)-Table5.6.a.i-iii §63.6625(b) §63.6635(a),(b) §63.6640(a) §63.6640(a)-Table6.7.a.i-v §63.6640(b)	§63.6635(a),(c) [G]§63.6655(a),[G](b),(d) §63.6660(a)-(c) §63.6630(c) §63.6640(b),(e) §63.6645(a)-(c),(e),(f),(f)(1),(f)(2) §63.6650(a) §63.6650(a)-Table7.1.a-c §63.6650(a)-Table7.2.a-b §63.6650(a),(b),(b)(1)-(4),[G](c),[G](e),(f)
			4 stroke leanburn	Reducing CO emissions	511-36-013	§63.6595(c) §63.6600(b)-Table2a.2.a §63.6600(a)-Table2b.1.a-b §63.6605(a),(b) §63.6630(a),(b) §63.6640(b)-(d) §63.6665	§63.6610(a),(b),(c),[G](d) §63.6615 §63.6620(a) §63.6620(a)-Table3.1 §63.6620(a)-Table4.1.a.i-ii §63.6620(b)-(d),(e)(1),[G](e)(2) §63.6625(a),(a)(1)-(4) §63.6625(a)-Table5.1.a.i-iii §63.6625(a)-Table5.3.a.i-iii §63.6625(b) §63.6635(a),(b) §63.6640(a) §63.6640(a)-Table6.1.a.i-v §63.6640(a)-Table6.3.a.i-iii §63.6640(b)	§63.6635(a),(c) [G]§63.6655(a),[G](b),(d) §63.6660(a)-(c) §63.6630(c) §63.6640(b),(e) §63.6645(a)-(c),(e),(f),(f)(1),(f)(2) §63.6650(a) §63.6650(a)-Table7.1.a-c §63.6650(a)-Table7.2.a-b §63.6650(a),(b),(b)(1)-(4),[G](c),[G](e),(f)
				Limiting formaldehyde in exhaust	511-36-014	§63.6595(c) §63.6600(b)-Table2a.2.b §63.6600(a)-Table2b.1.a-b §63.6605(a),(b) §63.6630(a),(b) §63.6640(b)-(d) §63.6665	§63.6610(a),(b),(c),[G](d) §63.6615 §63.6620(a) §63.6620(a)-Table3.3 §63.6620(a)-Table4.3.a.i-iv §63.6620(b)-(d) §63.6625(a)-Table5.6.a.i-iii §63.6625(b) §63.6635(a),(b) §63.6640(a) §63.6640(a)-Table6.7.a.i-v §63.6640(b)	§63.6635(a),(c) [G]§63.6655(a),[G](b),(d) §63.6660(a)-(c) §63.6630(c) §63.6640(b),(e) §63.6645(a)-(c),(e),(f),(f)(1),(f)(2) §63.6650(a) §63.6650(a)-Table7.1.a-c §63.6650(a)-Table7.2.a-b §63.6650(a),(b),(b)(1)-(4),[G](c),[G](e),(f)

(37) The following permit table lists the requirements for Boilers affected by 40 CFR Part 63, Subpart DDDDD (Methodology and Criteria for Demonstrating Eligibility for the Health-Based Compliance Alternatives).

Heat Input Capacity (MMBtu/hr)	Construction, Modification, or Reconstruction Date	Federally Enforceable Average Annual Capacity Factor	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting
< 10	N/A	N/A	511-37-001	None [§63.7506(c)]	None	None
10 < Heat Input < 100	Before January 13, 2003 and not reconstructed	N/A	511-37-002	§63.7506(b)	None	§63.7506(b)
	New or reconstructed after January 13, 2003	<10%	511-37-003	§ 63.7500(a)(1)-Table 1.8 § 63.7500(a),(a)(1) § 63.7505(a),(b),[G](d),(e) § 63.7510(c),(e)-(g) § 63.7530(a) § 63.7540(a)(1),(c),(d)	§ 63.7515(a),(e) § 63.7520(a),(b) § 63.7520(b)-Table 5.5.a-d § 63.7520(d)-(f) § 63.7535(a)-(c) § 63.7540(a)	§ 63.7515(g) § 63.7520(a) § 63.7530 (e) § 63.7535(a) § 63.7540(b) § 63.7545(a),(b),(b)(1), (c), (d),(e),(e)(1), (e)(2),(e)(6),(e)(7),(e)(9) § 63.7550(a) § 63.7550(a)-Table 9.1.a,b,d § 63.7550(a)-Table 9.2.a,b § 63.7550(b),(b)(1)-(5),[G](c),[G](d),(f) § 63.7555(a),(a)(1)-(3),(c), (e),(e)(1)-(2) § 63.7560(a)-(c)
		>10%	511-37-004	§ 63.7500(a)(1)-Table 1.7 § 63.7500(a),(a)(1) § 63.7505(a),(b),[G](d),(e) § 63.7510(c),(e)-(g) § 63.7530(a) § 63.7540(a)(1),(c),(d)	§ 63.7515(a),(e) § 63.7520(a),(b) § 63.7520(b)-Table 5.5.a-d § 63.7520(d)-(f) § 63.7535(a)-(c) § 63.7540(a)	§ 63.7515(g) § 63.7520(a) § 63.7530 (e) § 63.7535(a) § 63.7540(b) § 63.7545(a),(b),(b)(1), (c), (d),(e),(e)(1), (e)(2),(e)(6),(e)(7),(e)(9) § 63.7550(a) § 63.7550(a)-Table 9.1.a,b,d § 63.7550(a)-Table 9.2.a,b § 63.7550(b),(b)(1)-(5),[G](c),[G](d),(f) § 63.7555(a),(a)(1)-(3),(c), (e),(e)(1)-(2) § 63.7560(a)-(c)

(38) The following permit table lists the requirements for Process Heaters affected by 40 CFR Part 63, Subpart DDDDD (Methodology and Criteria for Demonstrating Eligibility for the Health-Based Compliance Alternatives).

Heat Input Capacity (MMBtu/hr)	Construction, Modification, or Reconstruction Date	Federally Enforceable Average Annual Capacity Factor	Index No.	Regulatory Requirements [Exemptions]	Monitoring and Testing	Recordkeeping and Reporting
< 10	N/A	N/A	511-38-001	None [§63.7506(c)]	None	None
10 < Heat Input < 100	Before January 13, 2003 and not reconstructed	N/A	511-38-002	§63.7506(b)	None	§63.7506(b)
	New or reconstructed after January 13, 2003	<10%	511-38-003	§ 63.7500(a)(1)-Table 1.8 § 63.7500(a),(a)(1) § 63.7505(a),(b),[G](d),(e) § 63.7510(c),(e)-(g) § 63.7530(a) § 63.7540(a)(1),(c),(d)	§ 63.7515(a),(e) § 63.7520(a),(b) § 63.7520(b)-Table 5.5.a-d § 63.7520(d)-(f) § 63.7535(a)-(c) § 63.7540(a)	§ 63.7515(g) § 63.7520(a) § 63.7530 (e) § 63.7535(a) § 63.7540(b) § 63.7545(a),(b),(b)(1), (c), (d),(e),(e)(1), (e)(2),(e)(6),(e)(7),(e)(9) § 63.7550(a) § 63.7550(a)-Table 9.1.a,b,d § 63.7550(a)-Table 9.2.a,b § 63.7550(b),(b)(1)-(5),[G](c),[G](d),(f) § 63.7555(a),(a)(1)-(3),(c), (e),(e)(1)-(2) § 63.7560(a)-(c)
		>10%	511-38-004	§ 63.7500(a)(1)-Table 1.7 § 63.7500(a),(a)(1) § 63.7505(a),(b),[G](d),(e) § 63.7510(c),(e)-(g) § 63.7530(a) § 63.7540(a)(1),(c),(d)	§ 63.7515(a),(e) § 63.7520(a),(b) § 63.7520(b)-Table 5.5.a-d § 63.7520(d)-(f) § 63.7535(a)-(c) § 63.7540(a)	§ 63.7515(g) § 63.7520(a) § 63.7530 (e) § 63.7535(a) § 63.7540(b) § 63.7545(a),(b),(b)(1), (c), (d),(e),(e)(1), (e)(2),(e)(6),(e)(7),(e)(9) § 63.7550(a) § 63.7550(a)-Table 9.1.a,b,d § 63.7550(a)-Table 9.2.a,b § 63.7550(b),(b)(1)-(5),[G](c),[G](d),(f) § 63.7555(a),(a)(1)-(3),(c), (e),(e)(1)-(2) § 63.7560(a)-(c)