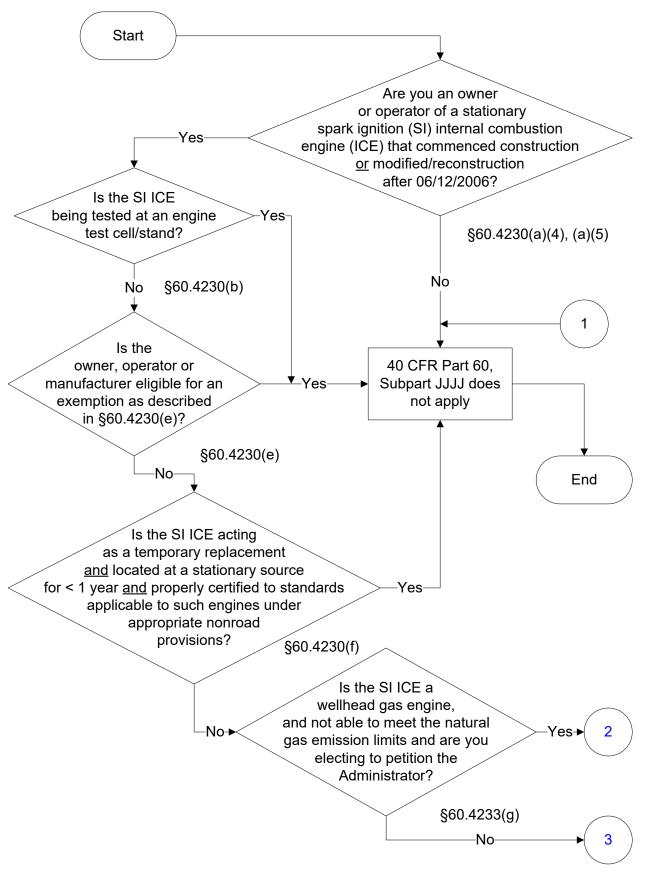
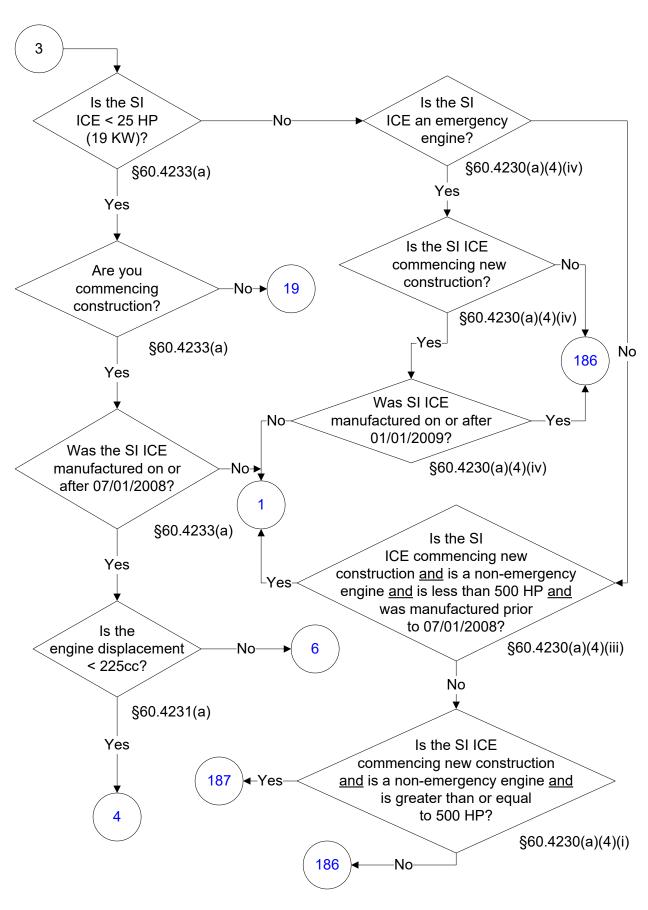


Below is a flowchart describing 40 CFR Part 60, Subpart JJJJ. For the text of the statute/rule, please go to

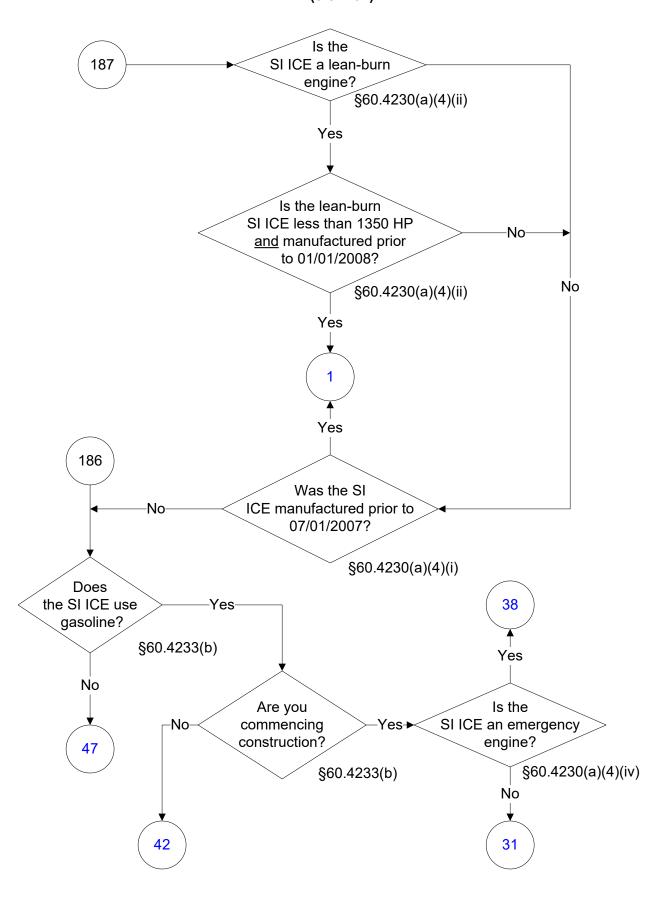
40 CFR Part 60, Subpart JJJJ (1 of 104)



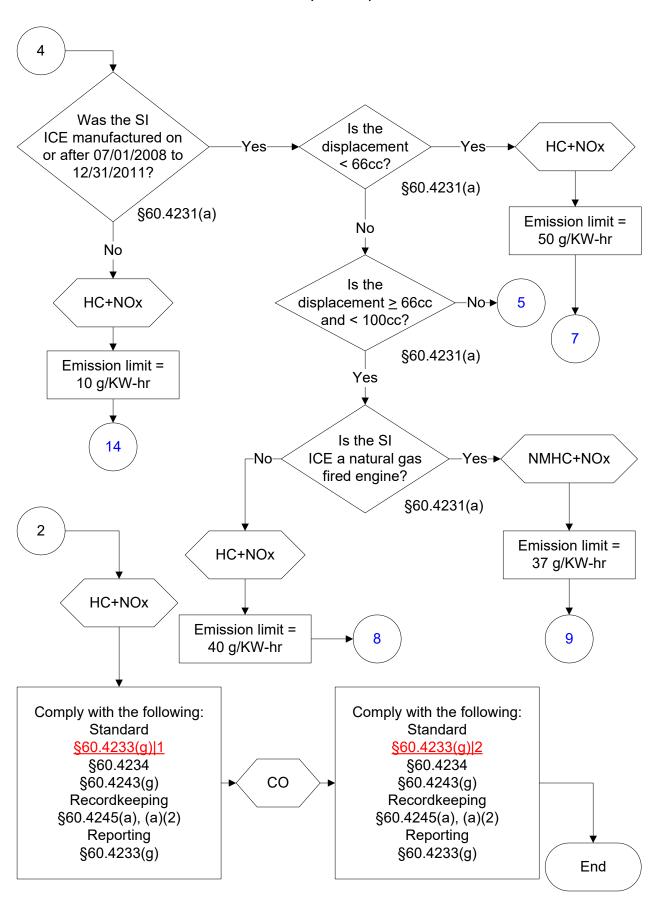
40 CFR Part 60, Subpart JJJJ (2 of 104)



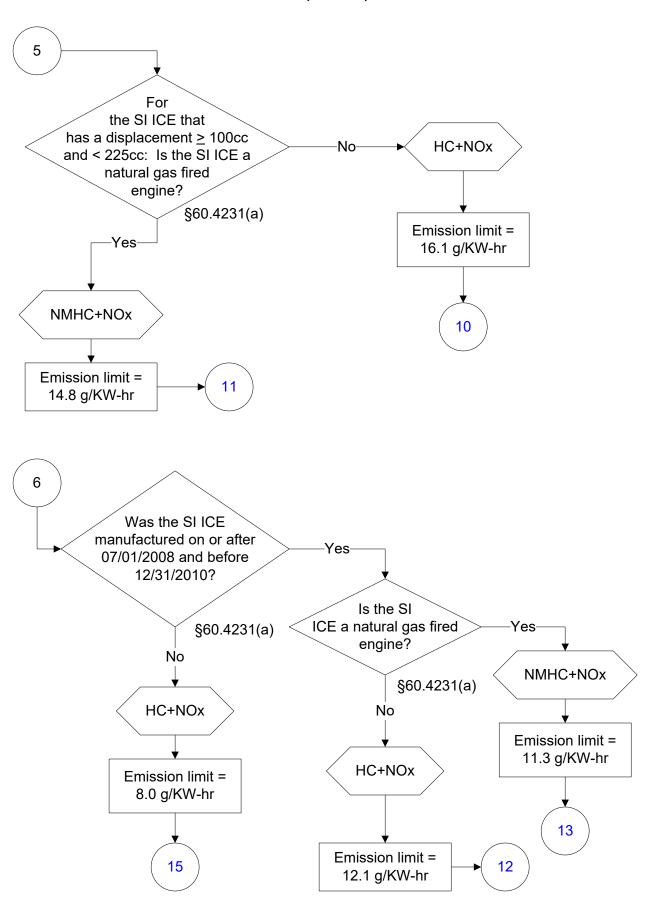
40 CFR Part 60, Subpart JJJJ (3 of 104)



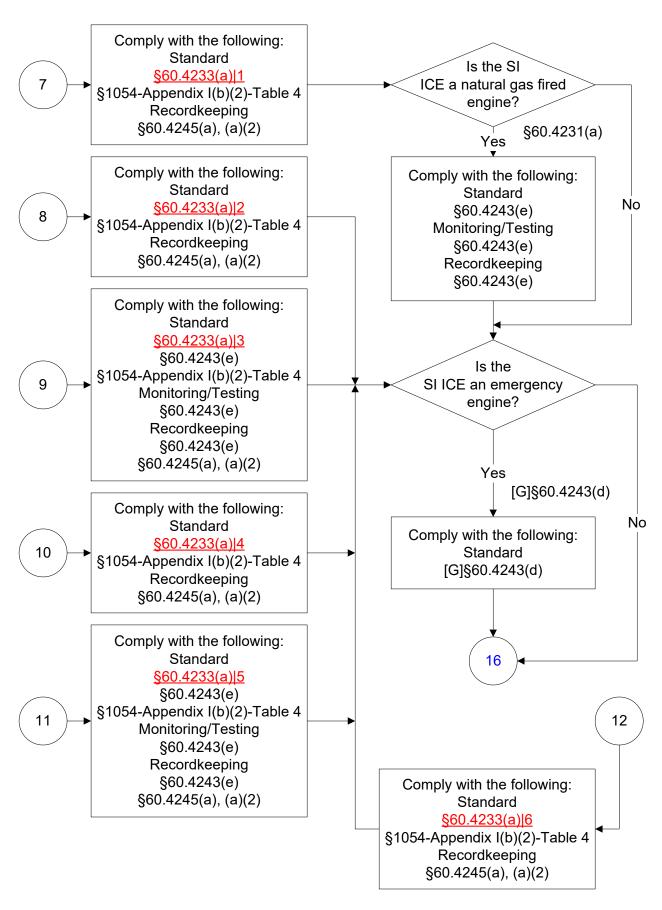
40 CFR Part 60, Subpart JJJJ (4 of 104)

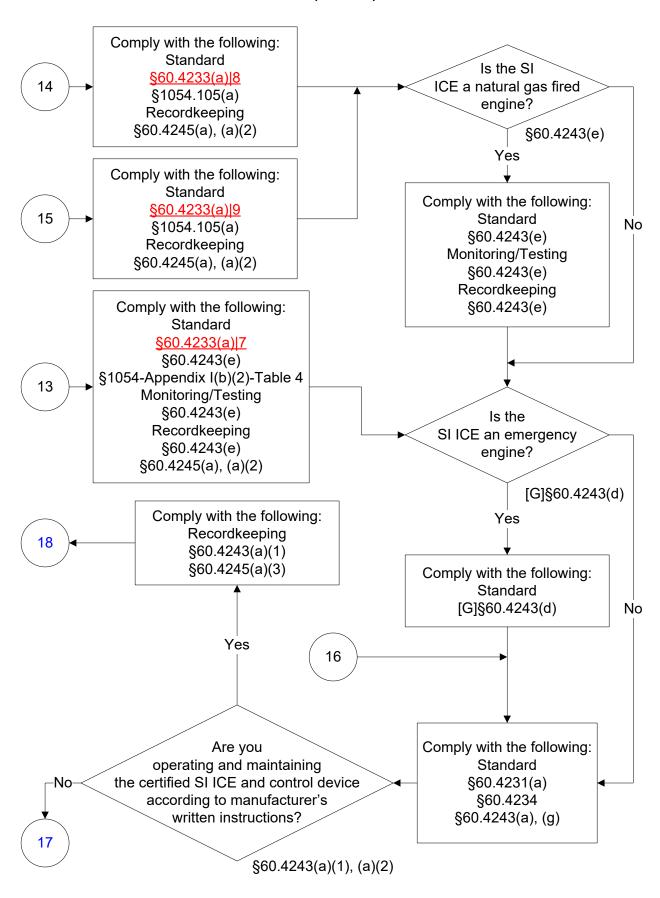


40 CFR Part 60, Subpart JJJJ (5 of 104)

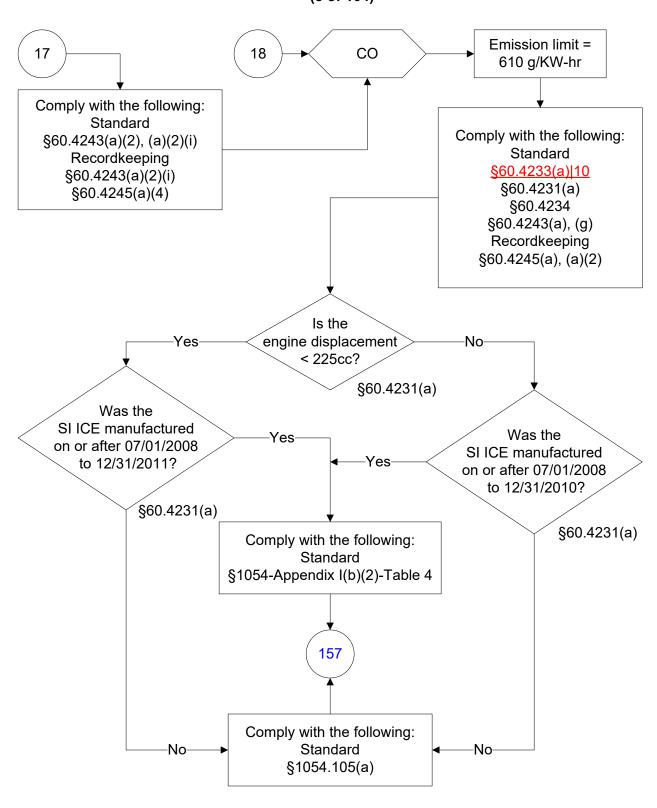


40 CFR Part 60, Subpart JJJJ (6 of 104)

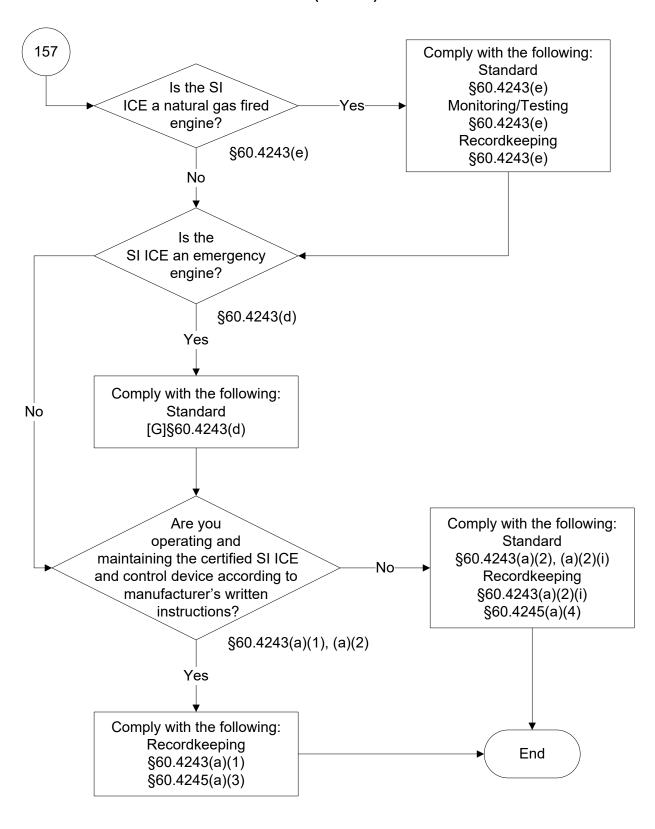




40 CFR Part 60, Subpart JJJJ (8 of 104)

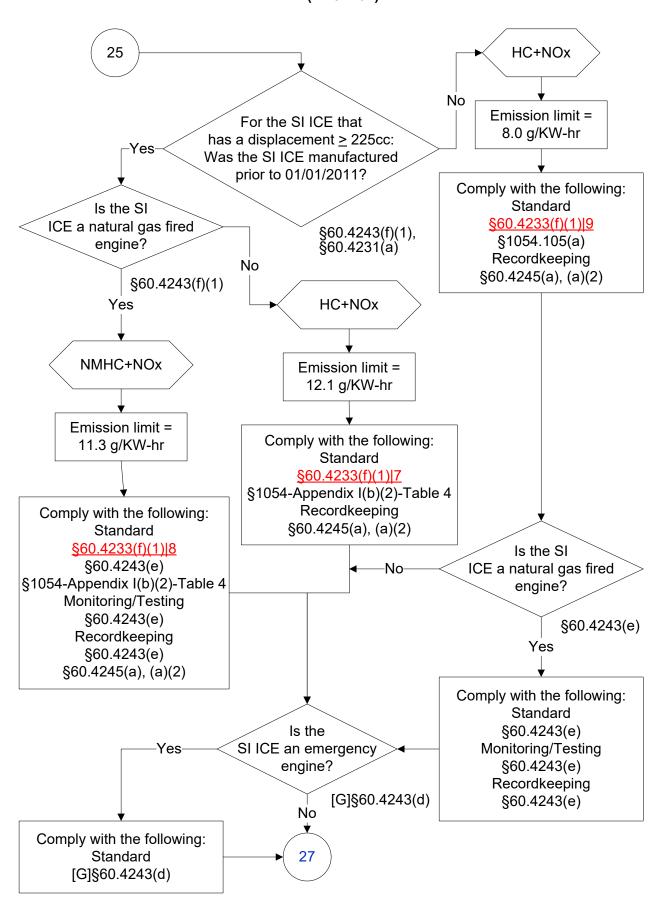


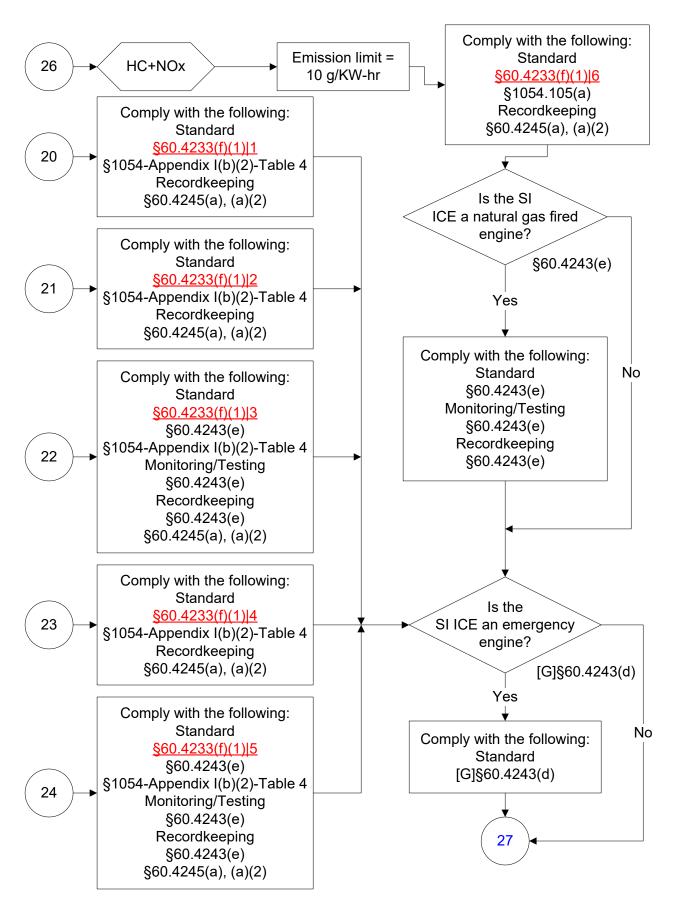
40 CFR Part 60, Subpart JJJJ (9 of 104)



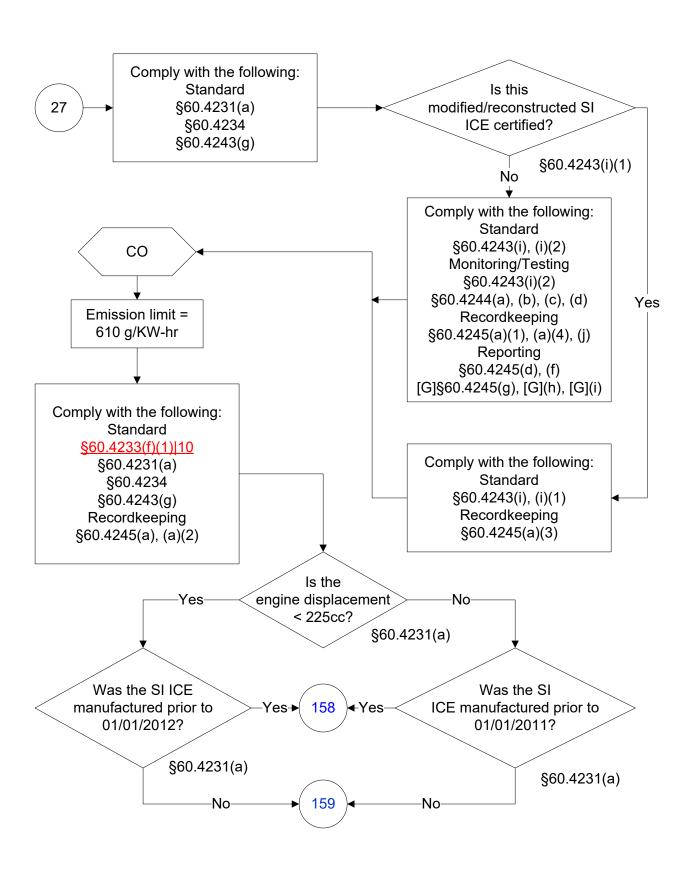
40 CFR Part 60, Subpart JJJJ (10 of 104)

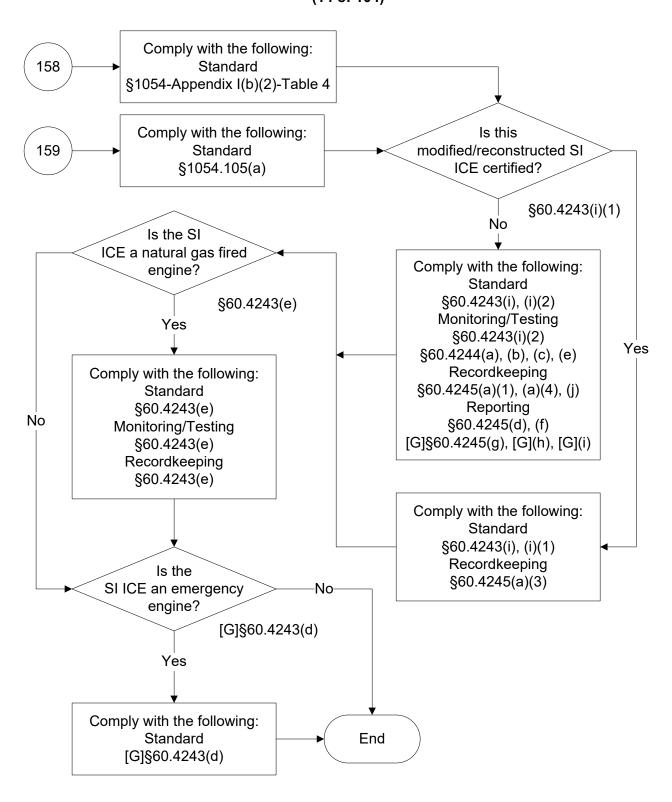
19 For the SI ICE that is being Yes modified/reconstructed: Is the Was the SI ICE engine displacement manufactured prior to < 225cc? 01/01/2012? No §60.4243(f)(1), §60.4231(a) 26 §60.4243(f)(1), 25 No §60.4231(a) Yes Is the Emission limit = HC+NOx displacement 20 -Yes 50 g/KW-hr < 66cc? §60.4243(f)(1) Is the SI No HC+NOx ICE a natural gas fired **←**Νο engine? Yes §60.4243(f)(1) Is the Emission limit = 21 displacement 40 g/KW-hr > 66cc and < 100cc? §60.4243(f)(1) NMHC+NOx Yes No Emission limit = 22 For the 37 g/KW-hr SI ICE that has a displacement > 100cc and No < 225cc: Is the engine a natural gas fired engine? Emission limit = HC+NOx 23 16.1 g/KW-hr §60.4243(f)(1) Yes Emission limit = NMHC+N 24 14.8 g/KW-hr Ox



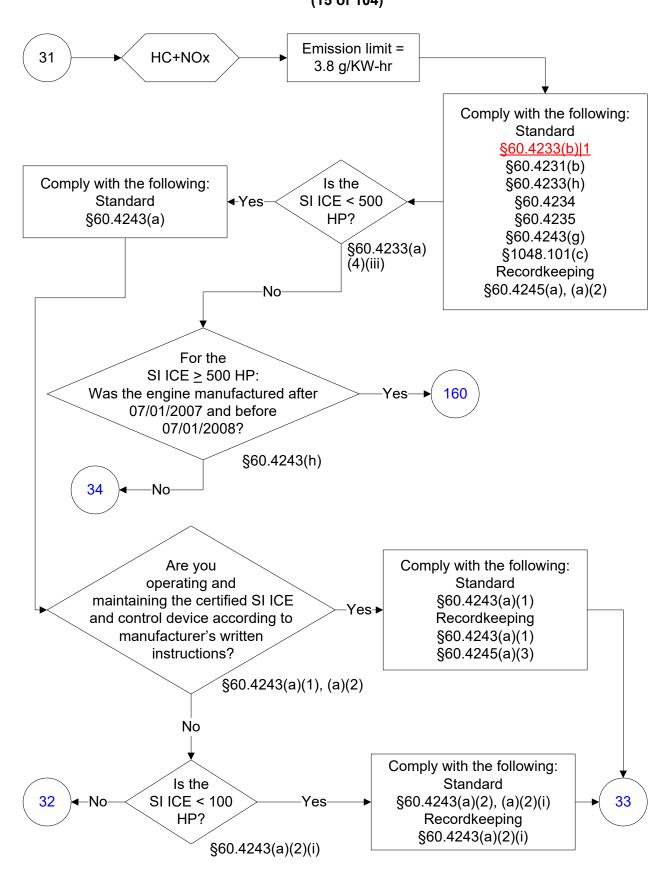


40 CFR Part 60, Subpart JJJJ (13 of 104)

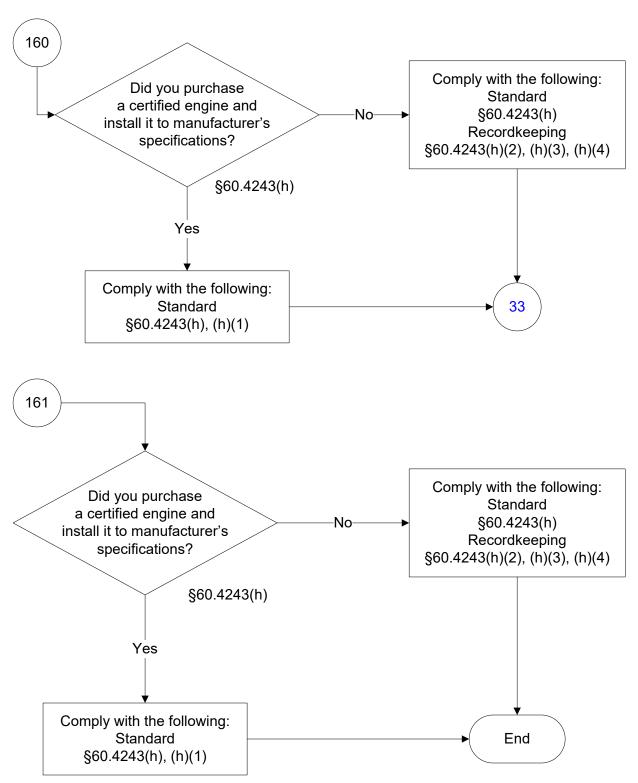


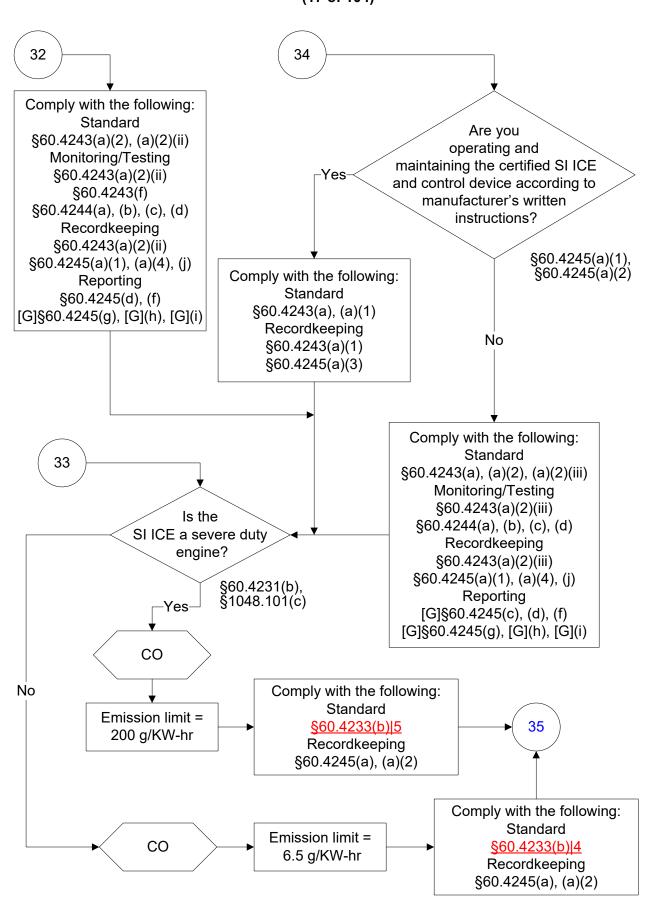


40 CFR Part 60, Subpart JJJJ (15 of 104)

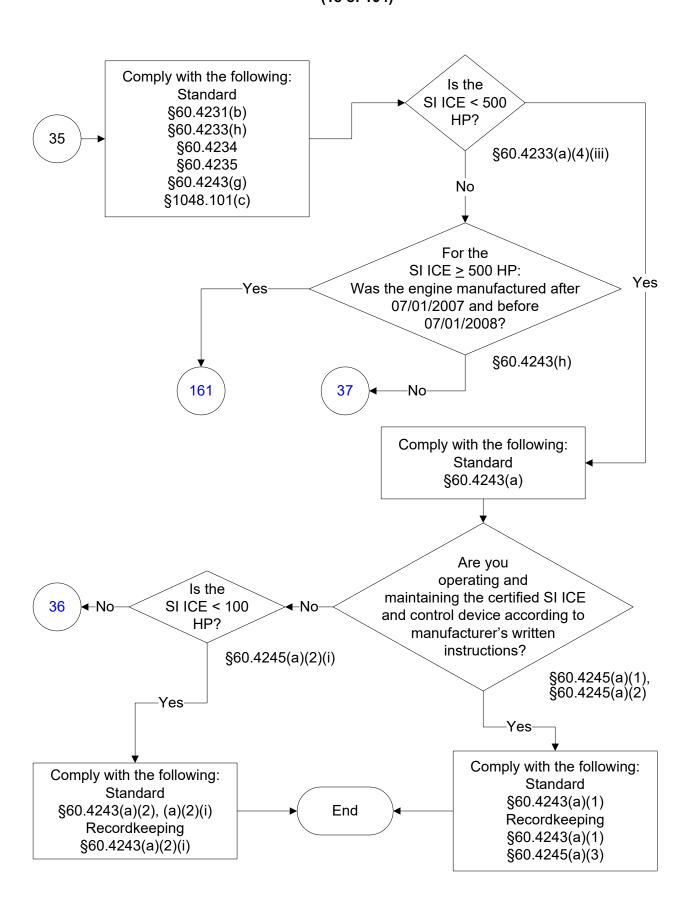


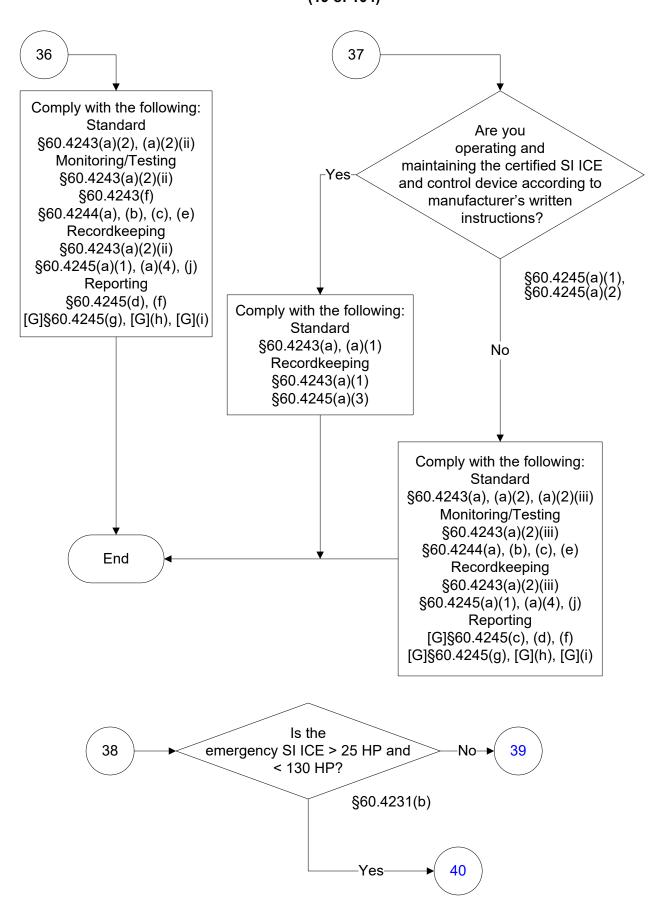
(16 of 104)



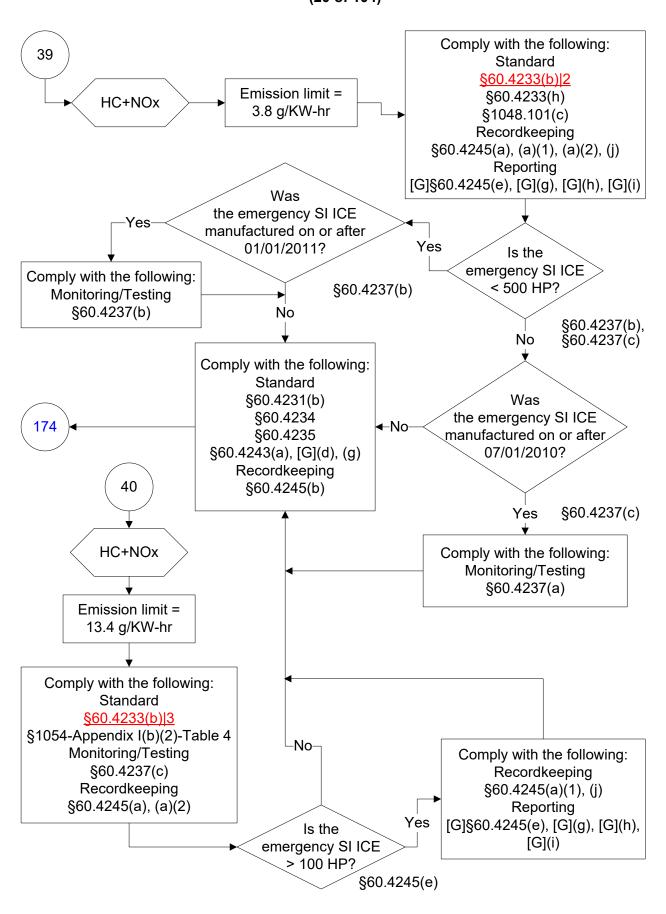


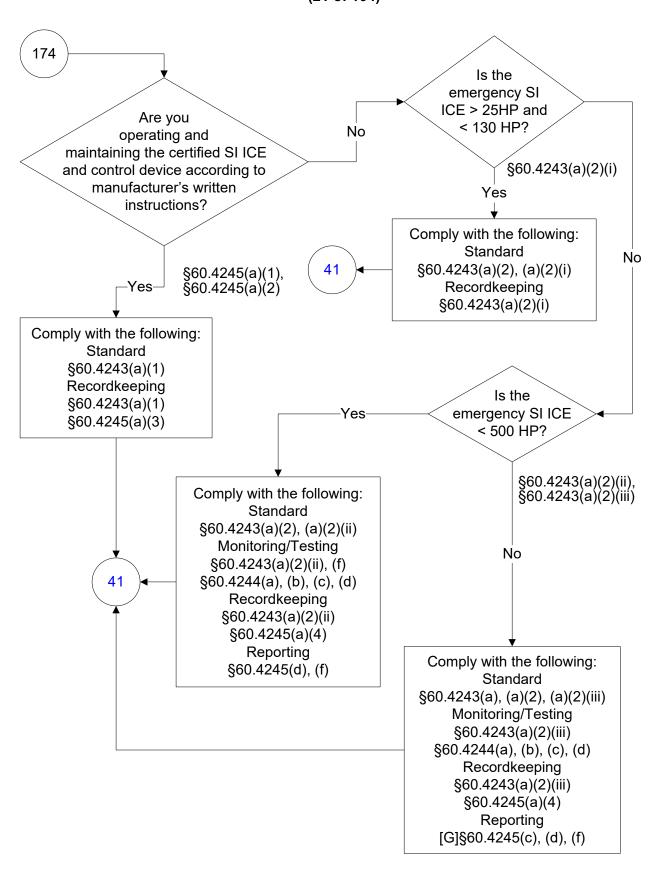
40 CFR Part 60, Subpart JJJJ (18 of 104)

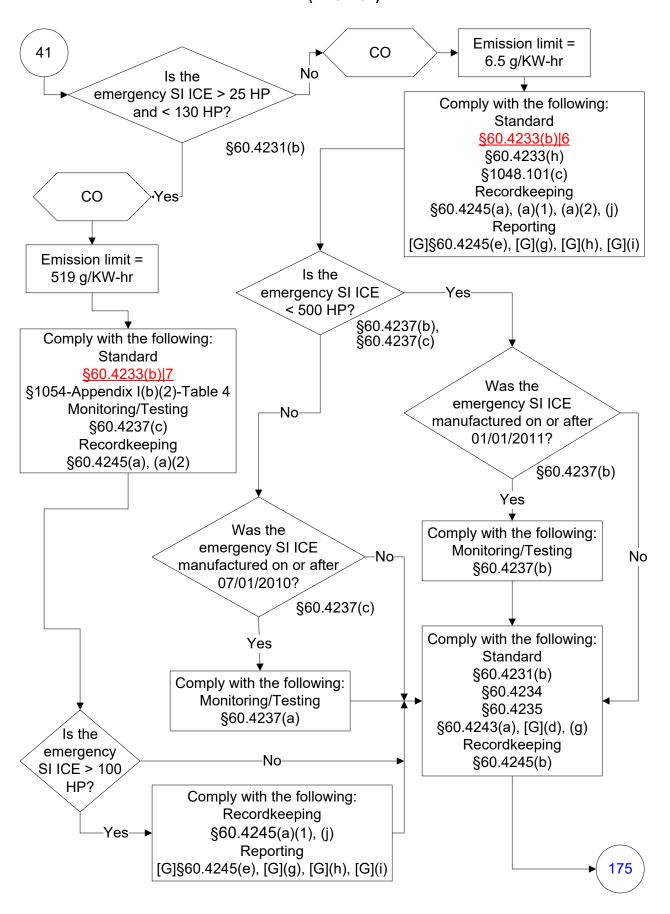




40 CFR Part 60, Subpart JJJJ (20 of 104)



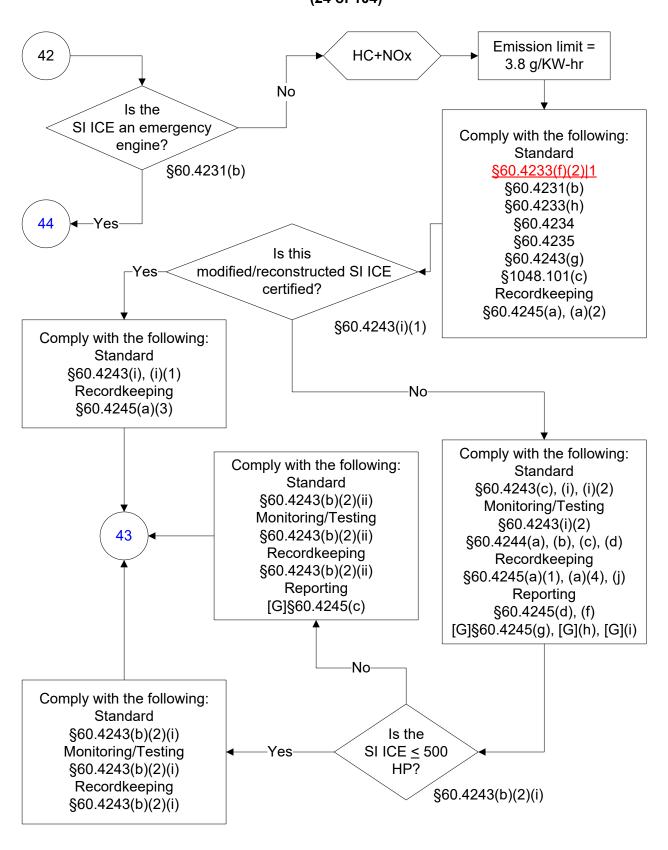




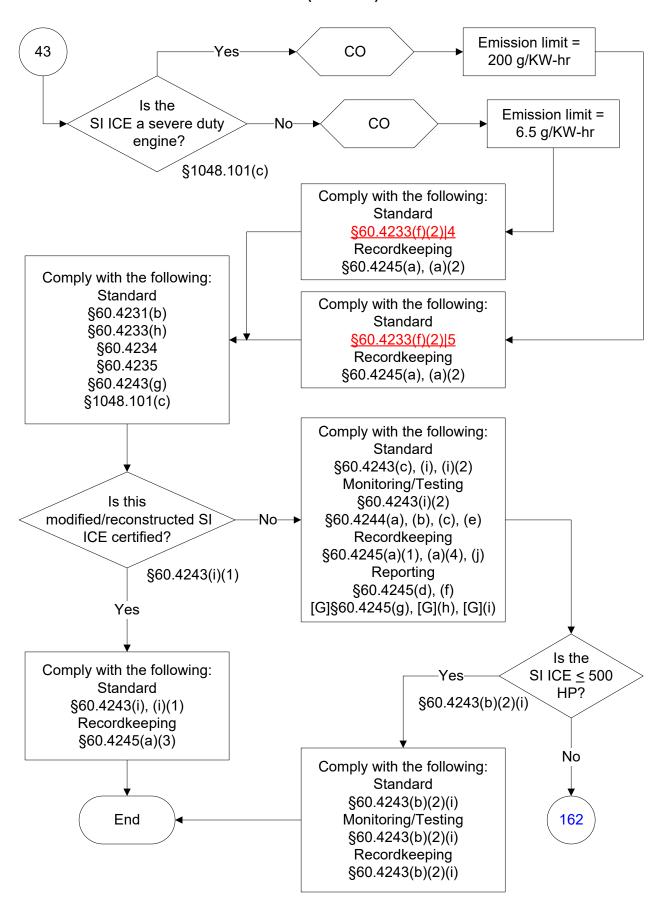
40 CFR Part 60, Subpart JJJJ (23 of 104)

175 Is the emergency SI ICE > 25HP and < 130 HP? Are you No operating and maintaining the certified SI ICE §60.4243(a)(2)(i) and control device according to Yes manufacturer's written §60.4245(a)(1), §60.4245(a)(2) instructions? Comply with the following: Standard No End §60.4243(a)(2), (a)(2)(i) Recordkeeping Yes §60.4243(a)(2)(i) Comply with the following: Standard §60.4243(a)(1) Is the Recordkeeping Yes emergency SI ICE §60.4243(a)(1) < 500 HP? §60.4245(a)(3) §60.4243(a)(2)(ii) Comply with the following: Standard §60.4243(a)(2), (a)(2)(ii) Monitoring/Testing No §60.4243(a)(2)(ii) §60.4243(f) End §60.4244(a), (b), (c), (e) Recordkeeping §60.4243(a)(2)(ii) §60.4245(a)(4) Reporting Comply with the following: §60.4245(d), (f) Standard §60.4243(a), (a)(2), (a)(2)(iii) Monitoring/Testing §60.4243(a)(2)(iii) §60.4244(a), (b), (c), (e) Recordkeeping §60.4243(a)(2)(iii) §60.4245(a)(4) Reporting [G]§60.4245(c), (d), (f)

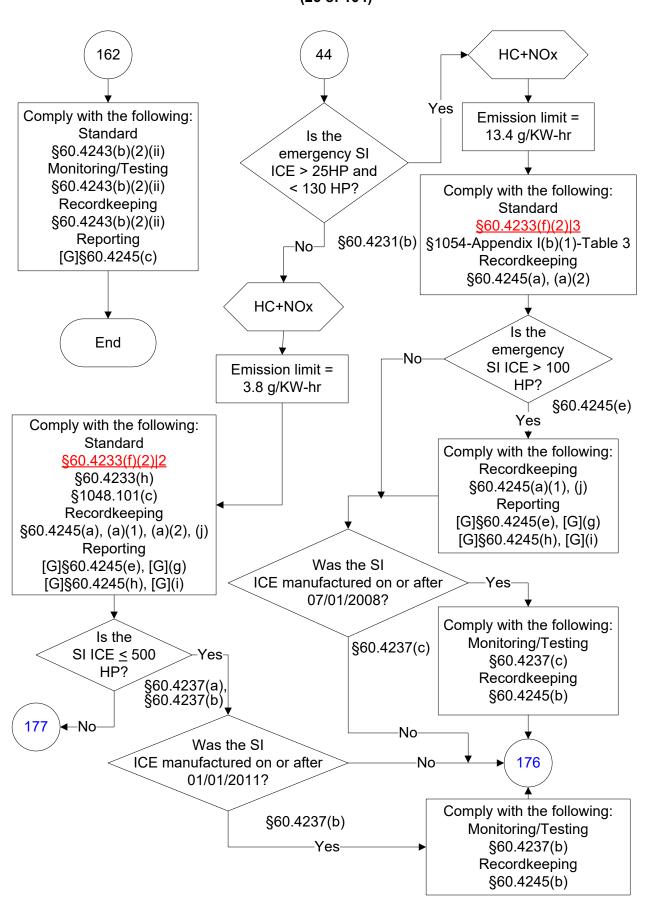
40 CFR Part 60, Subpart JJJJ (24 of 104)



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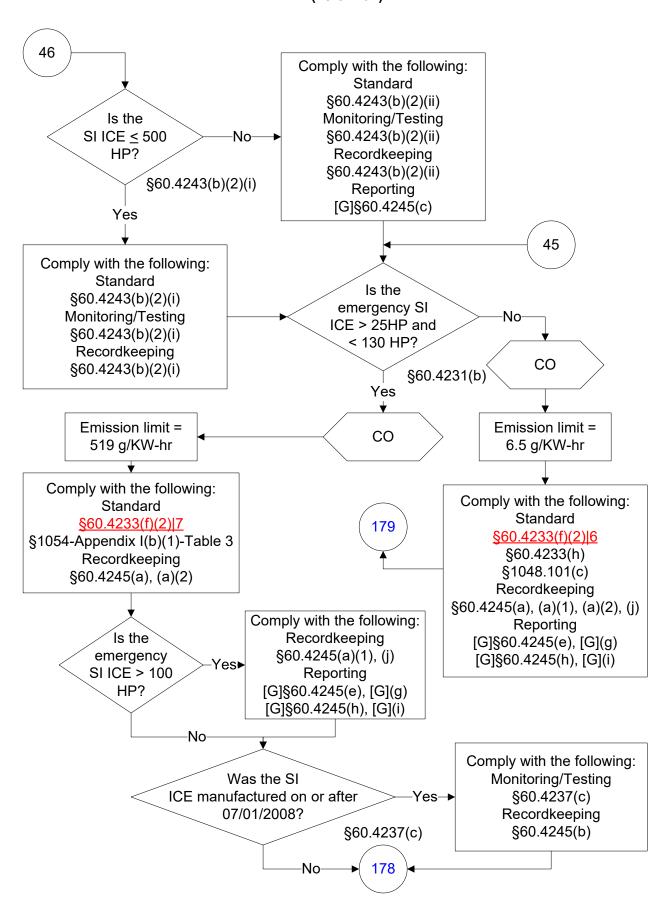
40 CFR Part 60, Subpart JJJJ (26 of 104)



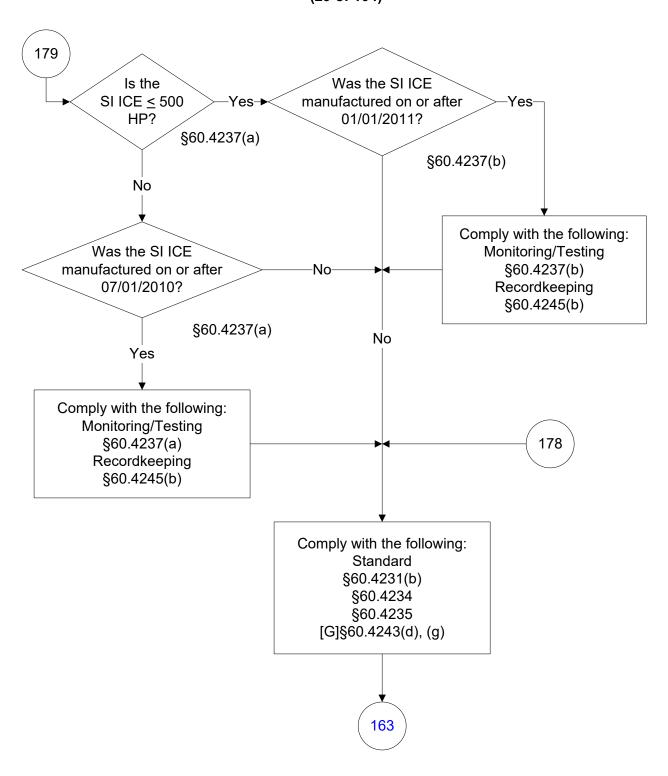
40 CFR Part 60, Subpart JJJJ (27 of 104)

177 Comply with the following: Was the Monitoring/Testing SI ICE manufactured on or §60.4237(a) Yes→ after 07/01/2010? Recordkeeping §60.4245(b) §60.4237(a) No 176 Comply with the following: Standard Is this §60.4231(b) modified/reconstructed SI ICE §60.4234 certified? §60.4235 [G]§60.4243(d), (g) §60.4243(i) No Comply with the following: Standard §60.4243(c), (i), (i)(2) Monitoring/Testing Yes §60.4243(i)(2) 46 §60.4244(a), (b), (c), (d) Recordkeeping §60.4245(a)(4) Reporting §60.4245(d), (f) Comply with the following: Standard 45 §60.4243(i), (i)(1) Recordkeeping §60.4245(a)(3)

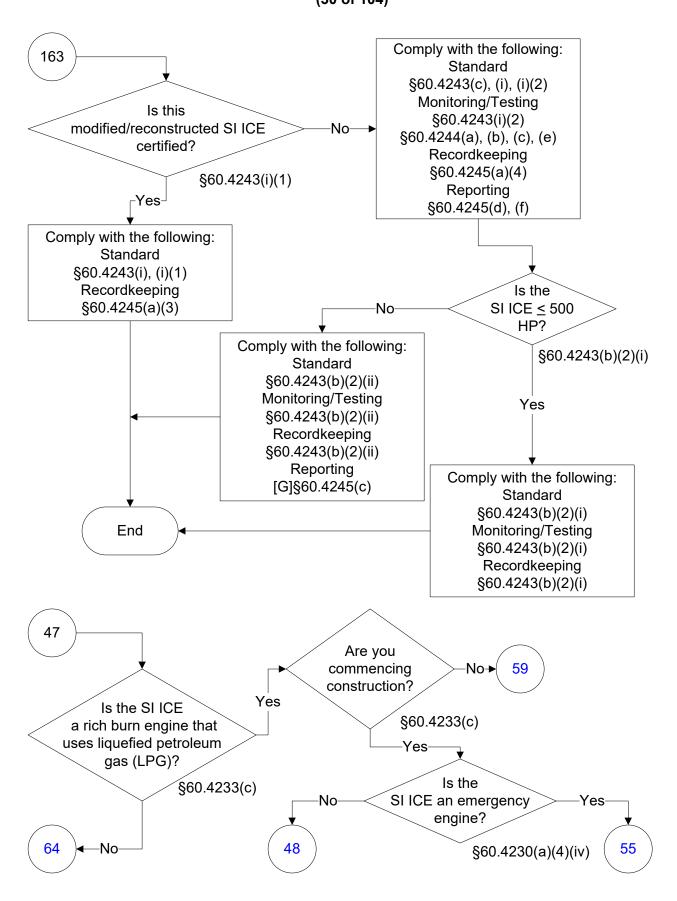
40 CFR Part 60, Subpart JJJJ (28 of 104)



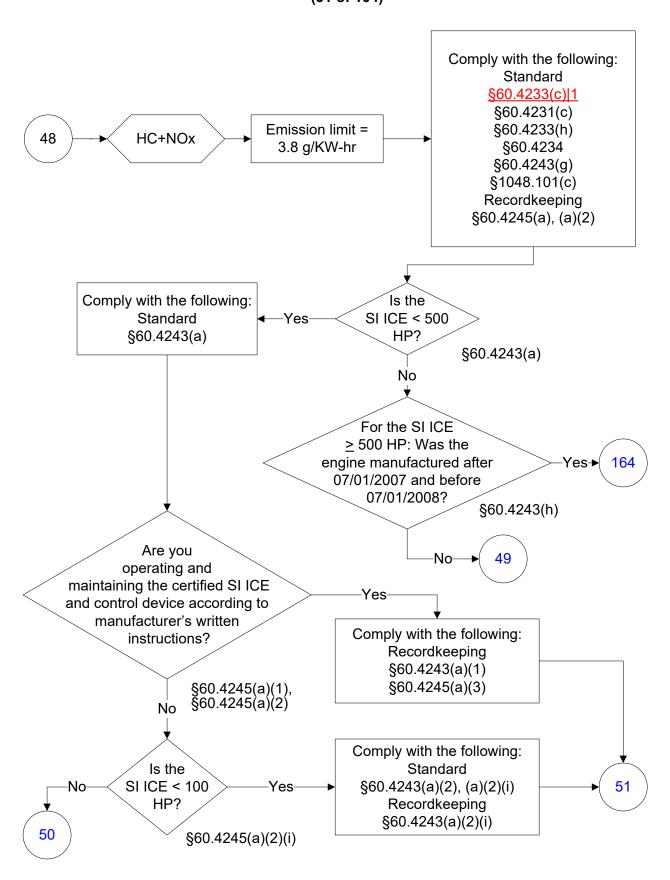
40 CFR Part 60, Subpart JJJJ (29 of 104)



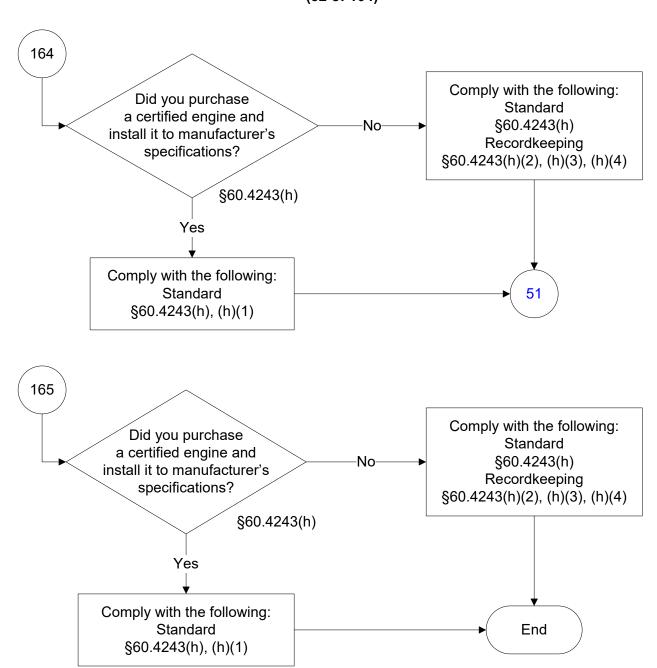
40 CFR Part 60, Subpart JJJJ (30 of 104)



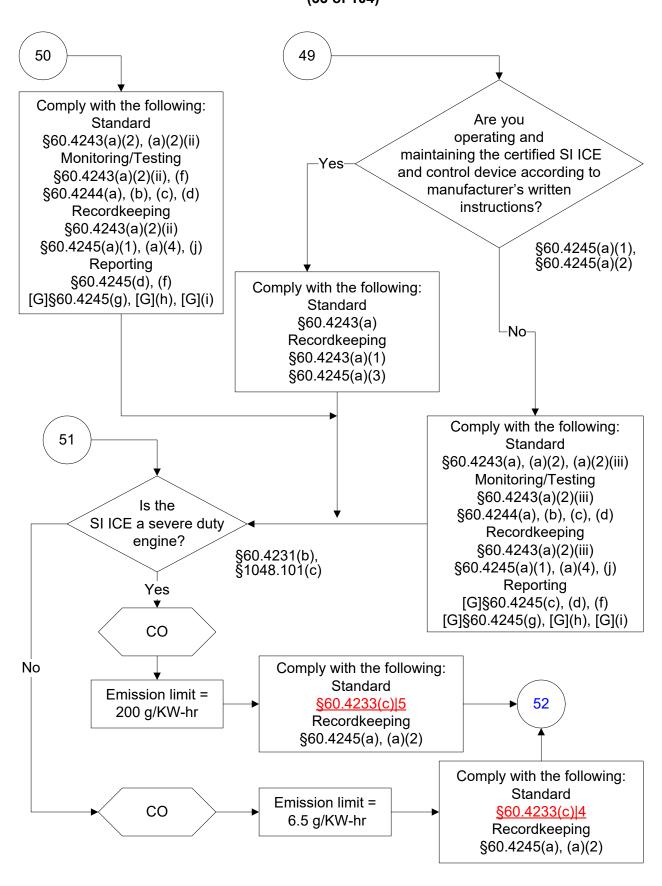
40 CFR Part 60, Subpart JJJJ (31 of 104)



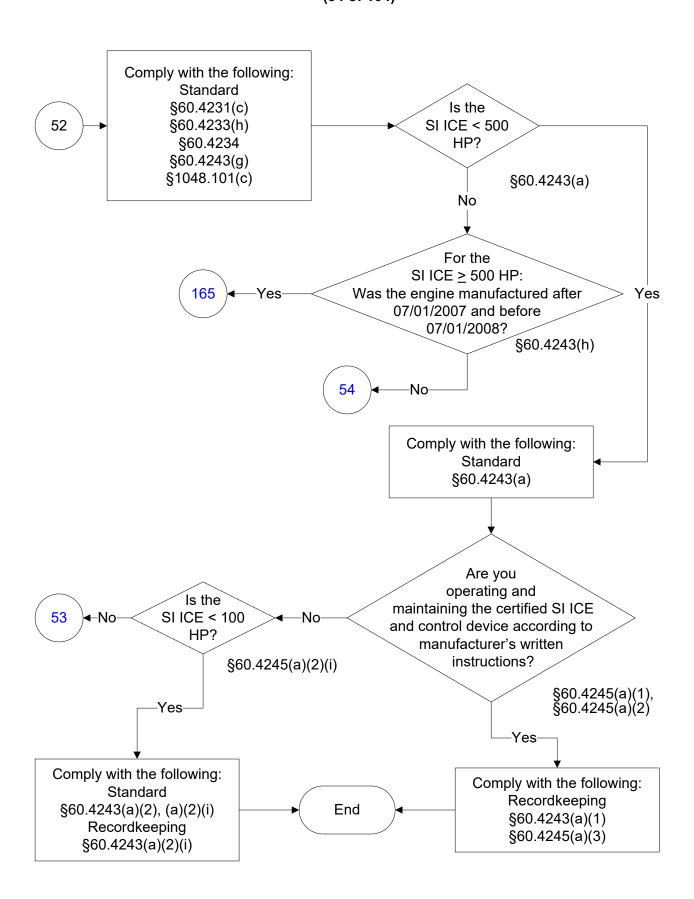
40 CFR Part 60, Subpart JJJJ (32 of 104)

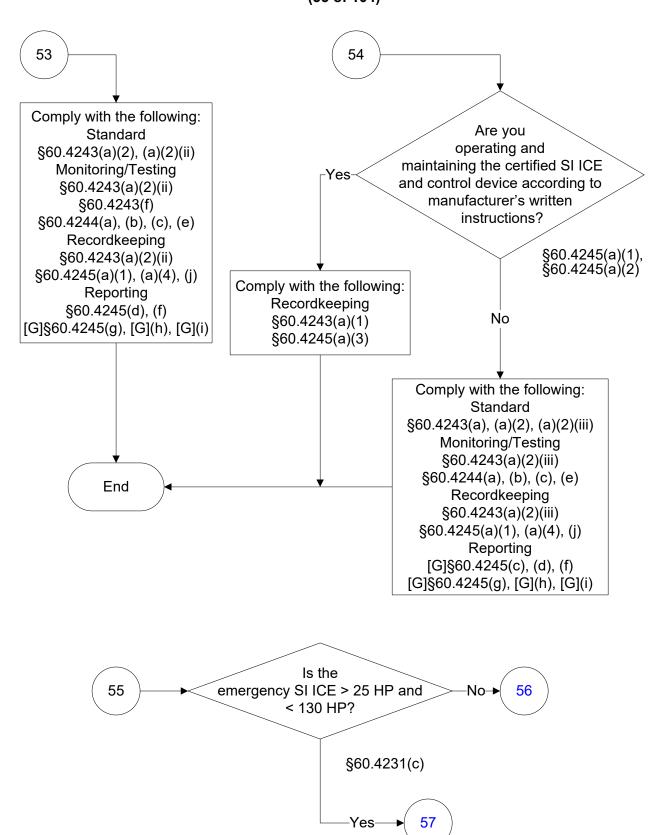


40 CFR Part 60, Subpart JJJJ (33 of 104)



40 CFR Part 60, Subpart JJJJ (34 of 104)

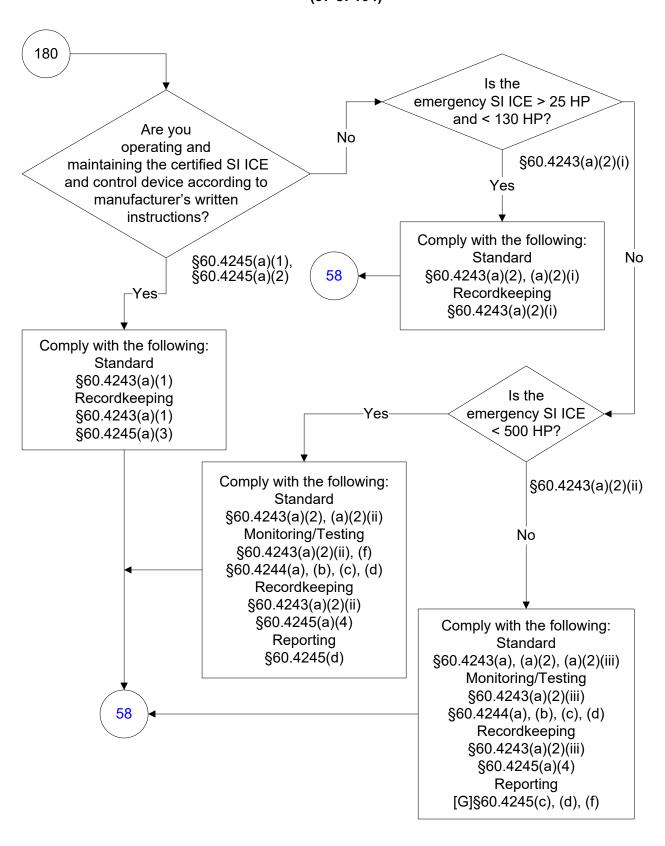




40 CFR Part 60, Subpart JJJJ (36 of 104)

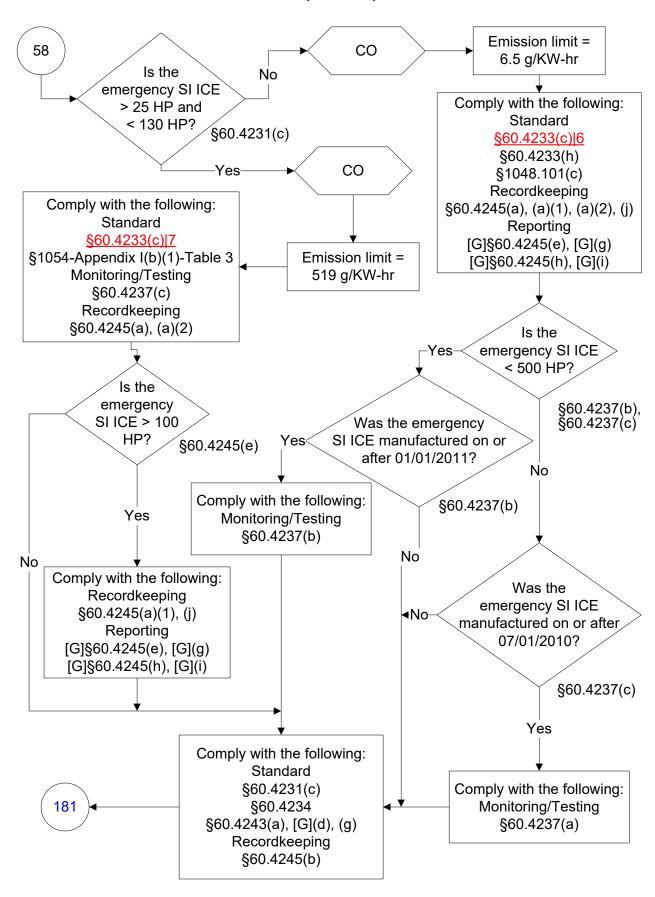
Emission limit = Comply with the following: HC+NO_x 56 3.8 g/KW-hr Standard §60.4233(c)|2 §60.4233(h) Emission limit = §1048.101(c) 57 HC+NOx 13.4 g/KW-hr Recordkeeping §60.4245(a), (a)(1), (a)(2), (j) Reporting [G]§60.4245(e), [G](g) Comply with the following: [G]§60.4245(h), [G](i) Standard Is the §60.4233(c)|3 §1054-Appendix I(b)(1)-Table 3 emergency SI ICE > 100 Monitoring/Testing Is the HP? §60.4237(c) Recordkeeping -Yes emergency SI ICE §60.4245(e) < 500 HP? §60.4245(a), (a)(2) §60.4237(b), §60.4237(c) └Yes⊣ Was the emergency SI ICE Comply with the following: Yesmanufactured on or Recordkeeping after §60.4245(a)(1), (j) No 01/01/2011? Reporting No [G]§60.4245(e), [G](g), [G](h), [G](i) §60.4237(b) No-Was the emergency SI ICE Comply with the following: **←**No manufactured on or after Monitoring/Testing 07/01/2010? §60.4237(b) §60.4237(c) Yes Comply with the following: Standard Comply with the following: §60.4231(c) 180 §60.4234 Monitoring/Testing §60.4243(a), [G](d), (g) §60.4237(a) Recordkeeping §60.4245(b)

40 CFR Part 60, Subpart JJJJ



40 CFR Part 60, Subpart JJJJ

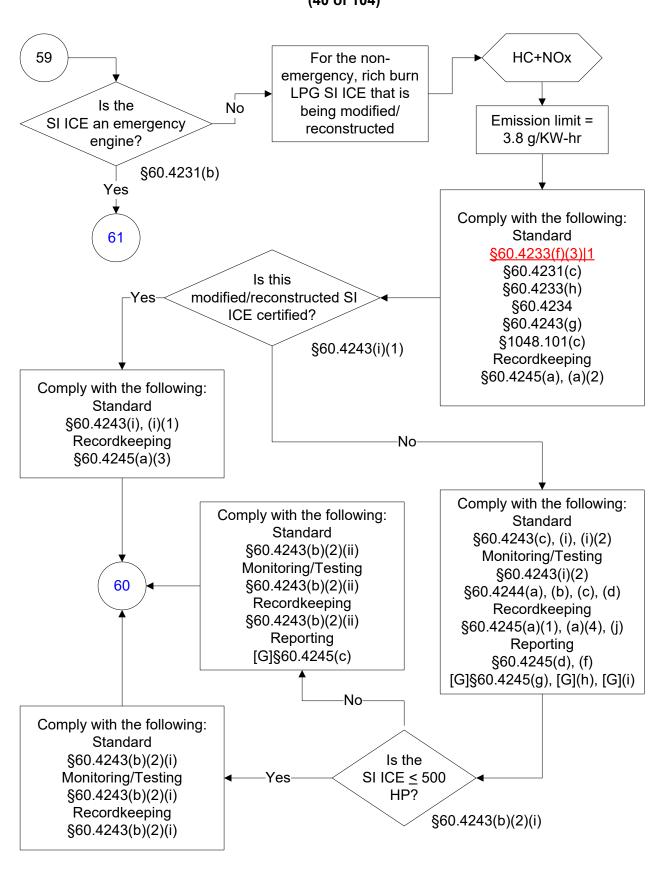
(38 of 104)



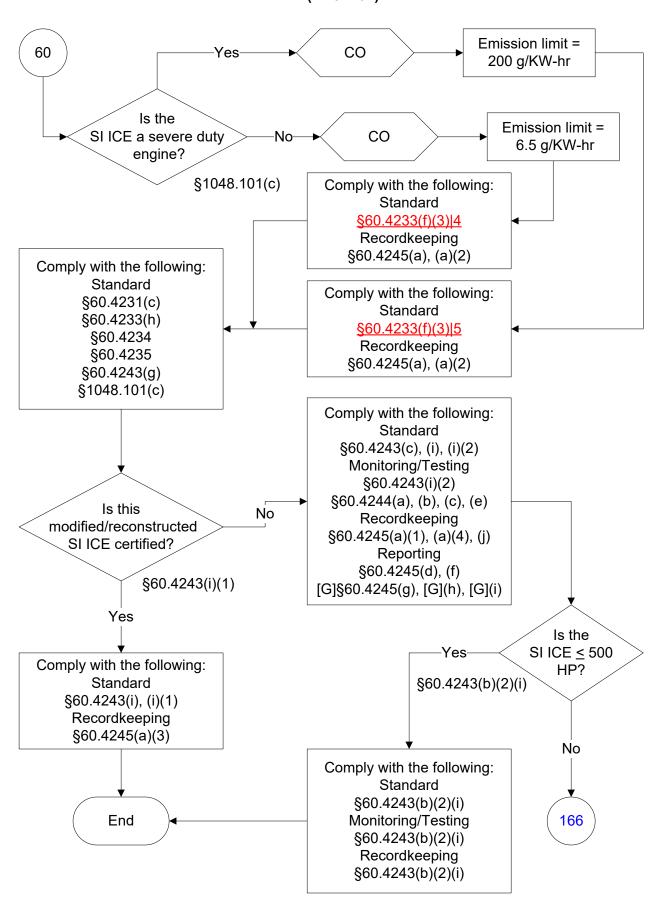
40 CFR Part 60, Subpart JJJJ (39 of 104)

181 Is the emergency SI ICE > 25 HP and Are you < 130 HP? No operating and maintaining the certified SI ICE and control device according to §60.4243(a)(2)(i) manufacturer's written Yes instructions? §60.4245(a)(1), §60.4245(a)(2) Comply with the following: Standard No End §60.4243(a)(2), (a)(2)(i) Yes Recordkeeping §60.4243(a)(2)(i) Comply with the following: Standard §60.4243(a)(1) Recordkeeping Is the §60.4243(a)(1) emergency SI ICE Yes-§60.4245(a)(3) < 500 HP? Comply with the following: Standard §60.4243(a)(2)(ii) §60.4243(a)(2), (a)(2)(ii) Monitoring/Testing No §60.4243(a)(2)(ii), (f) End §60.4244(a), (b), (c), (e) Recordkeeping §60.4243(a)(2)(ii) §60.4245(a)(4) Comply with the following: Reporting Standard §60.4245(d), (f) §60.4243(a), (a)(2), (a)(2)(iii) Monitoring/Testing §60.4243(a)(2)(iii) §60.4244(a), (b), (c), (e) Recordkeeping §60.4243(a)(2)(iii) §60.4245(a)(4) Reporting [G]§60.4245(c), (d), (f)

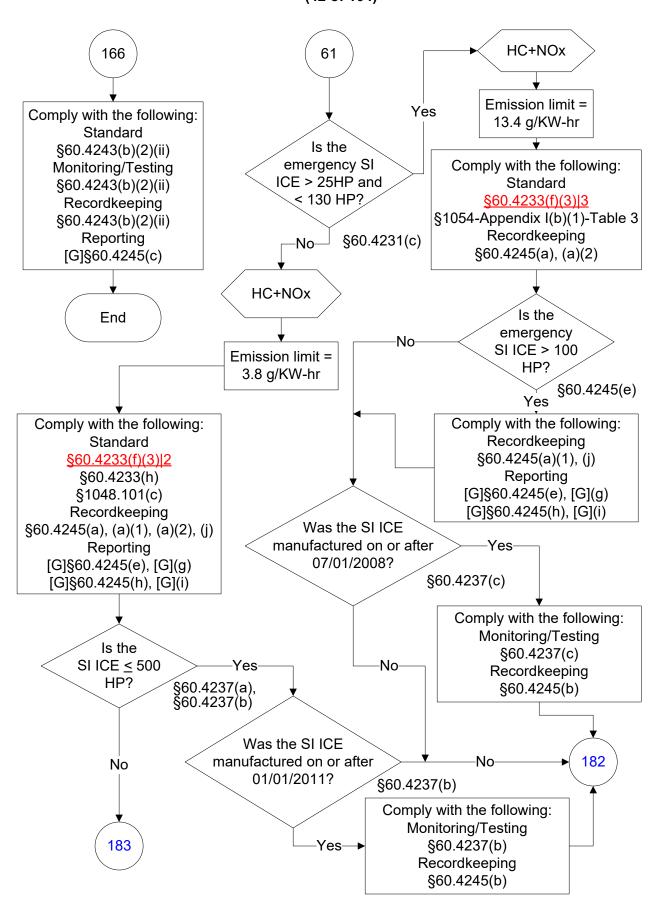
40 CFR Part 60, Subpart JJJJ (40 of 104)



40 CFR Part 60, Subpart JJJJ (41 of 104)



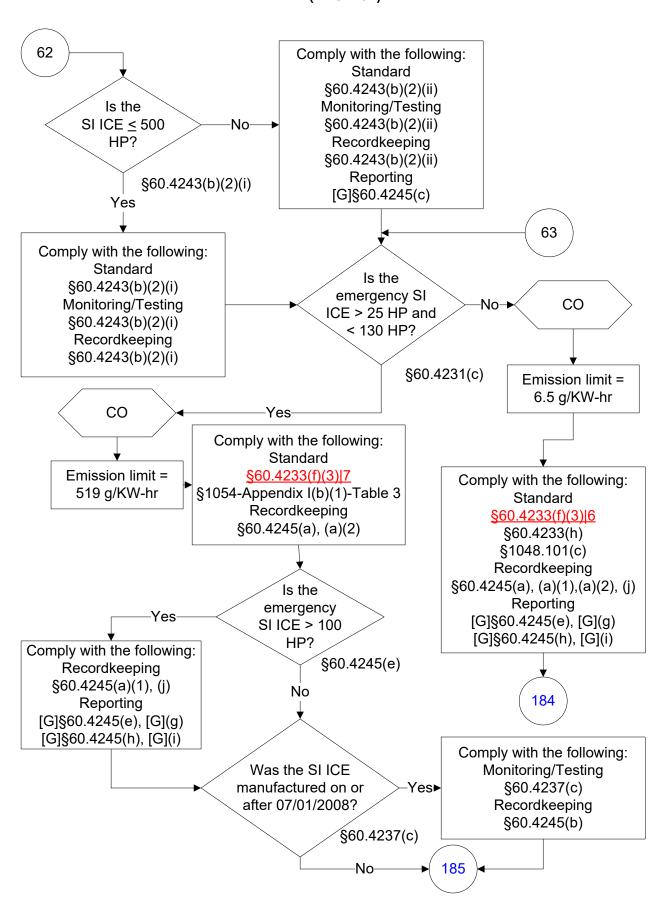
40 CFR Part 60, Subpart JJJJ (42 of 104)



40 CFR Part 60, Subpart JJJJ (43 of 104)

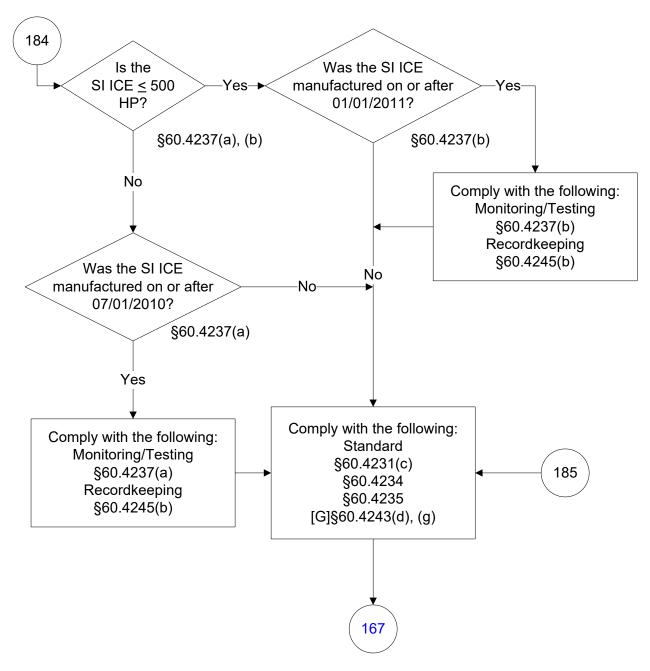
183 Comply with the following: Was the Monitoring/Testing SI ICE manufactured on or §60.4237(a) Yes after 07/01/2010? Recordkeeping §60.4245(b) §60.4237(a) Νo 182 Comply with the following: Standard Is this §60.4231(c) modified/reconstructed SI §60.4234 ICE certified? §60.4235 [G]§60.4243(d), (g) §60.4243(i) Comply with the following: Standard §60.4243(c), (i), (i)(2) Monitoring/Testing Yes §60.4243(i)(2) 62 §60.4244(a), (b), (c), (d) Recordkeeping §60.4245(a)(4) Reporting §60.4245(d), (f) Comply with the following: Standard §60.4243(i), (i)(1) 63 Recordkeeping §60.4245(a)(3)

40 CFR Part 60, Subpart JJJJ

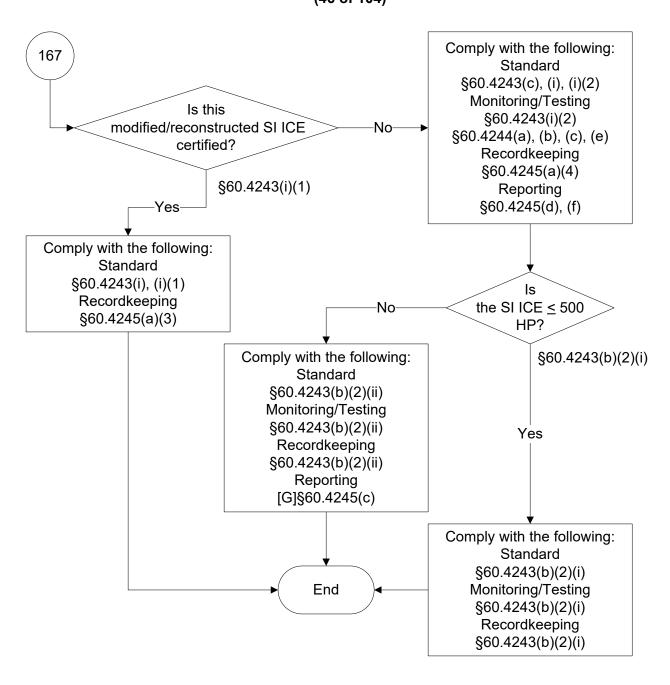


40 CFR Part 60, Subpart JJJJ

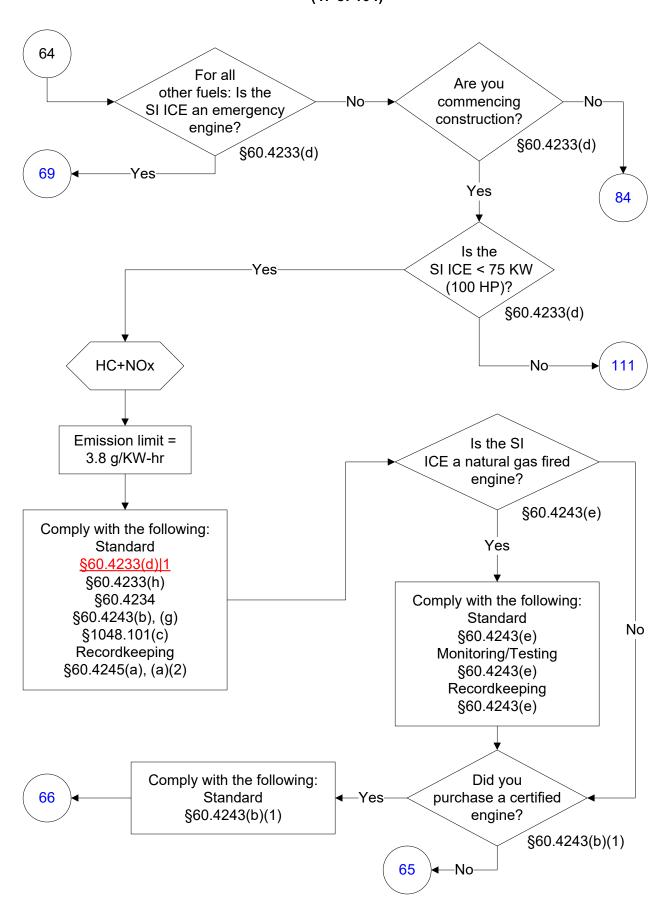
(45 of 104)



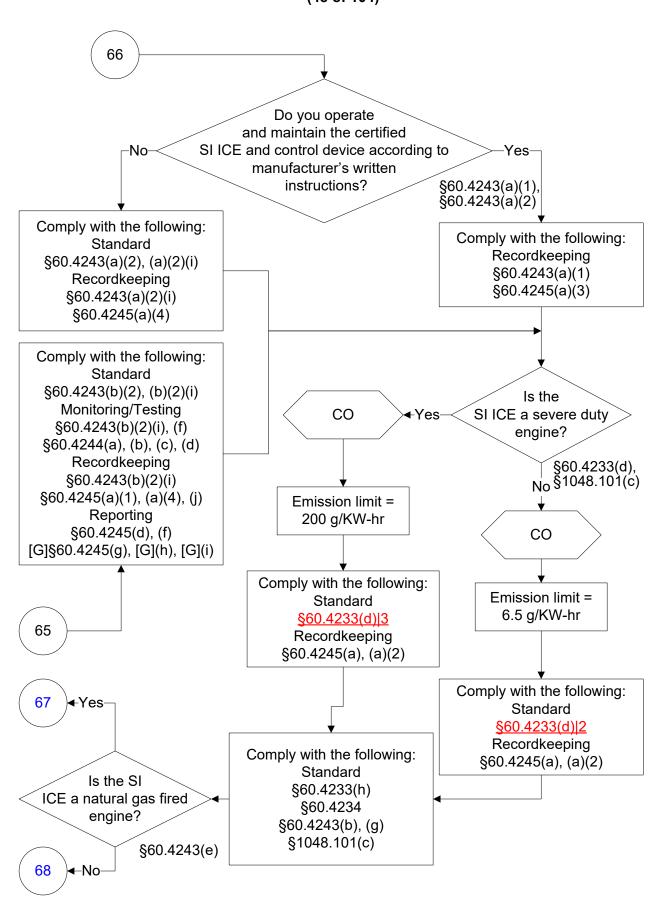
40 CFR Part 60, Subpart JJJJ (46 of 104)



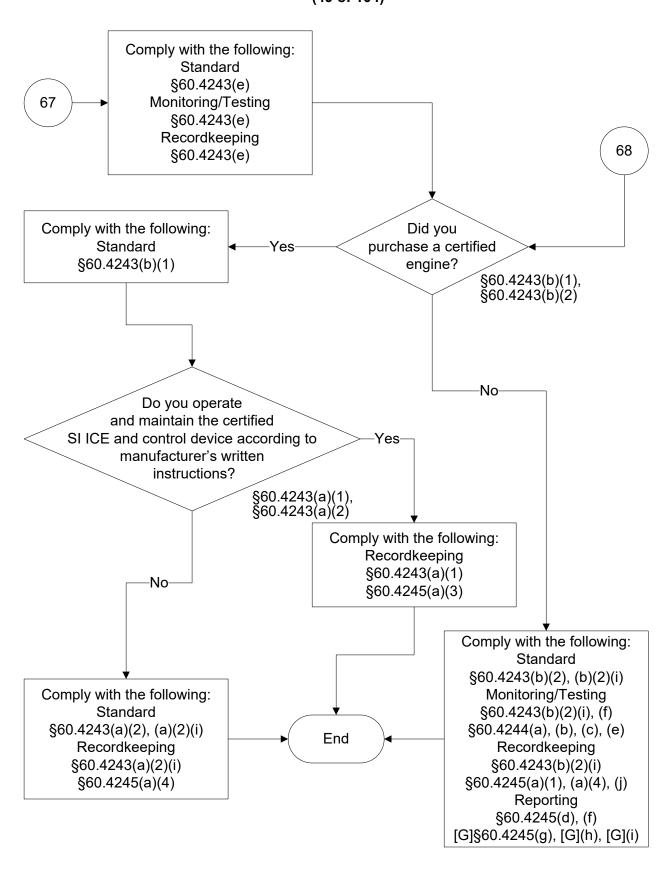
40 CFR Part 60, Subpart JJJJ (47 of 104)



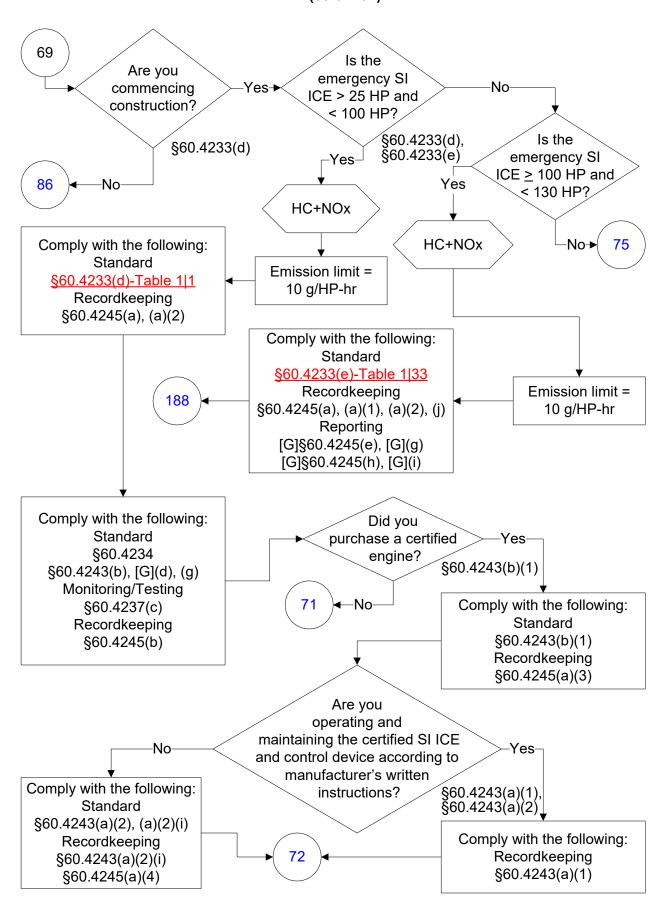
40 CFR Part 60, Subpart JJJJ (48 of 104)



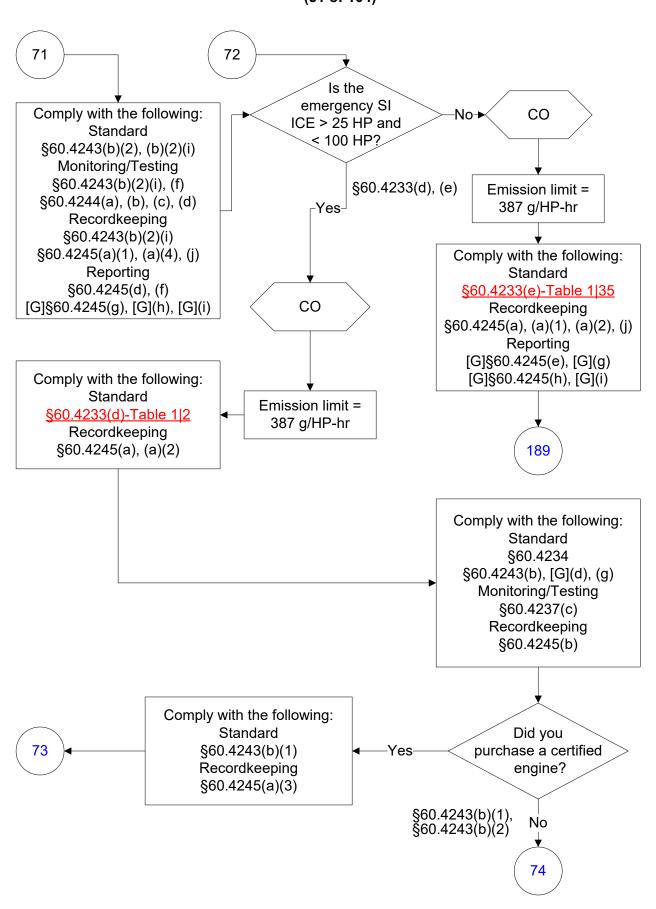
40 CFR Part 60, Subpart JJJJ (49 of 104)



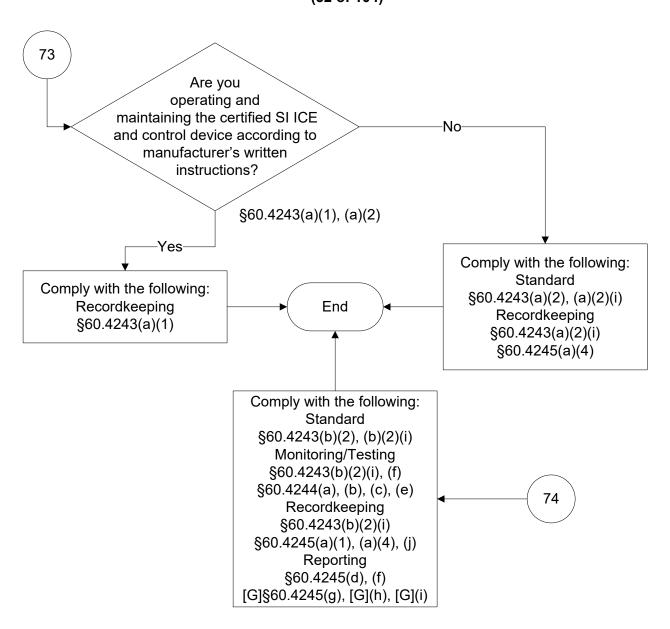
40 CFR Part 60, Subpart JJJJ (50 of 104)



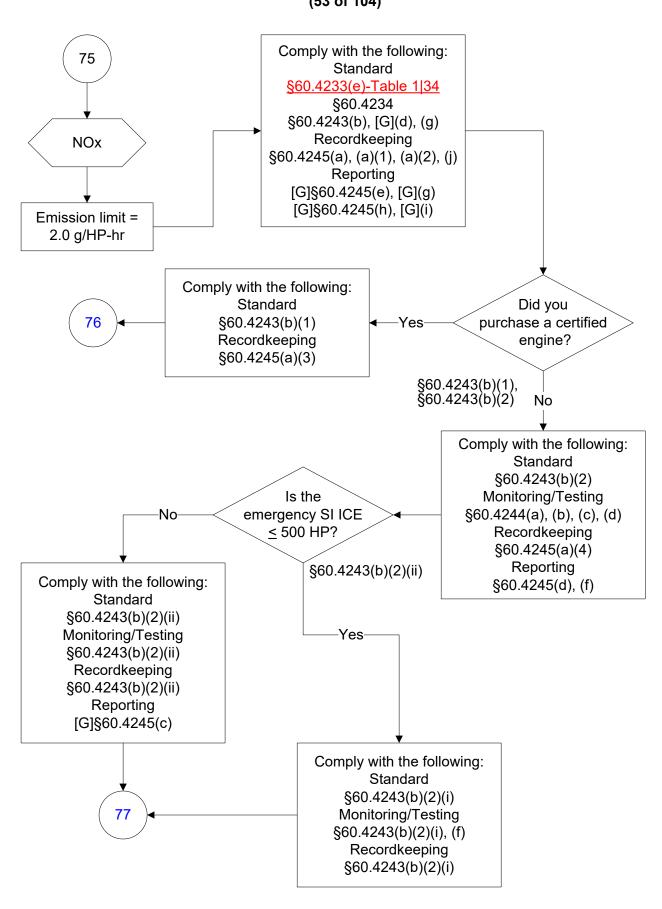
40 CFR Part 60, Subpart JJJJ (51 of 104)



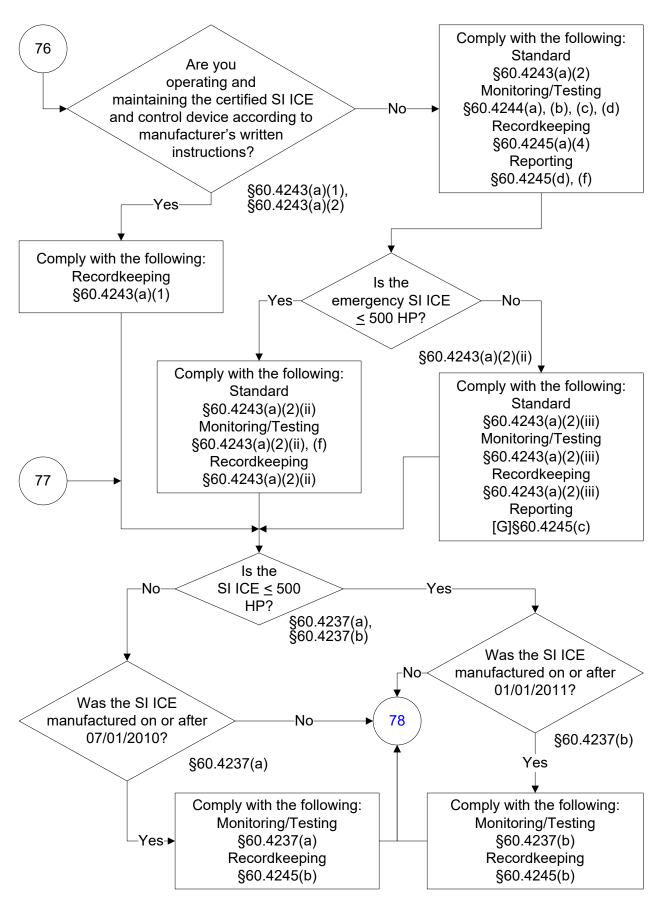
40 CFR Part 60, Subpart JJJJ (52 of 104)



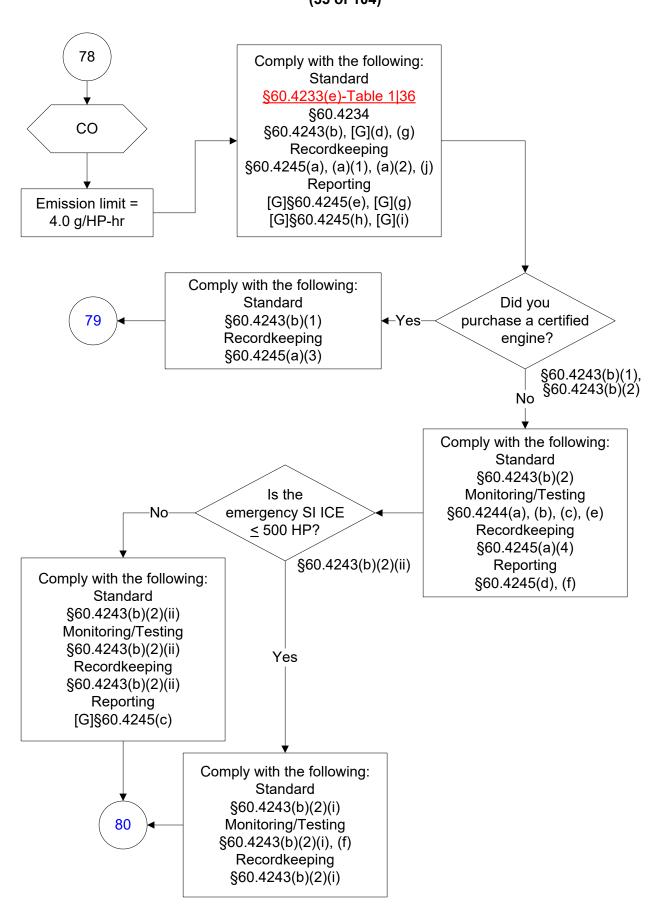
40 CFR Part 60, Subpart JJJJ (53 of 104)



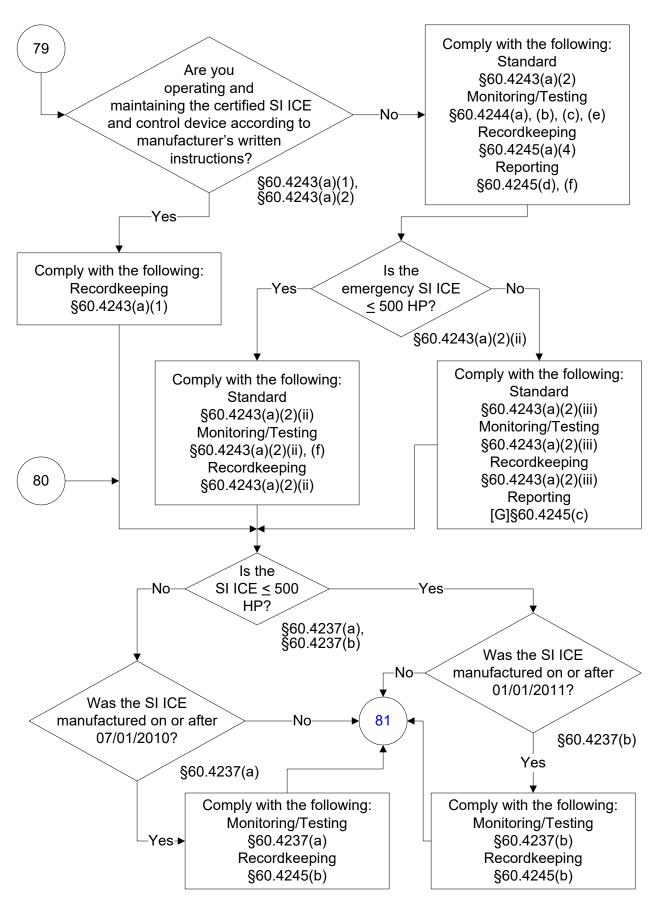
40 CFR Part 60, Subpart JJJJ (54 of 104)



40 CFR Part 60, Subpart JJJJ (55 of 104)

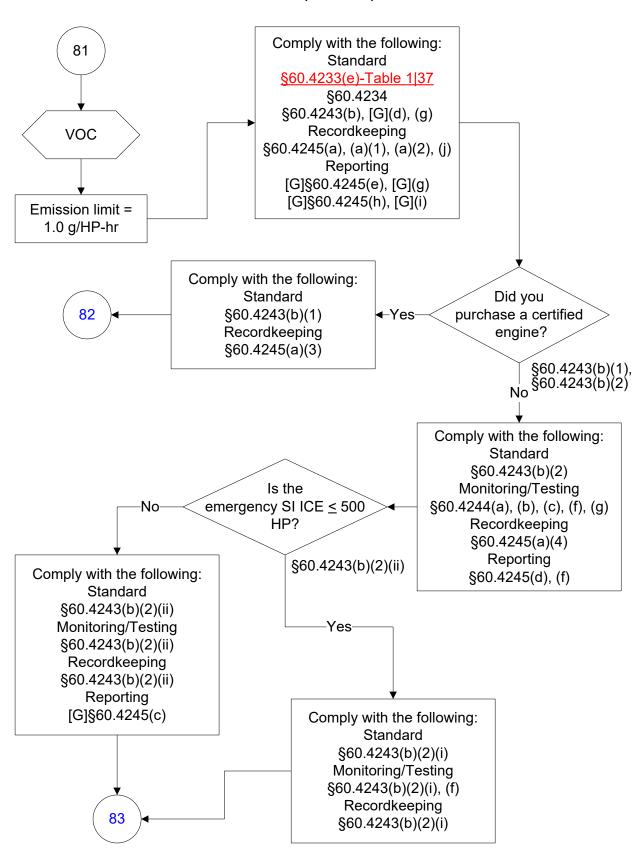


40 CFR Part 60, Subpart JJJJ (56 of 104)

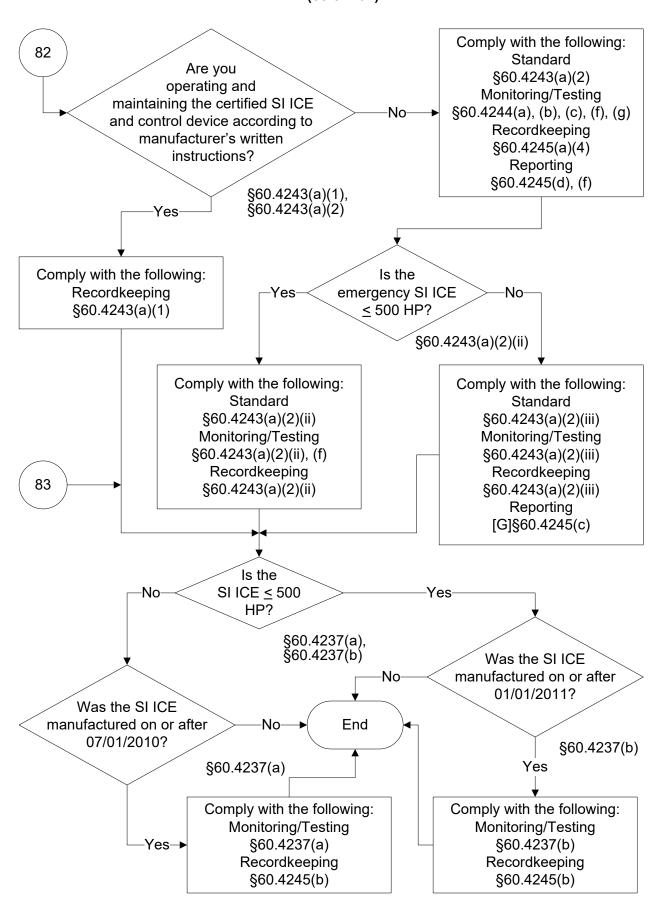


40 CFR Part 60, Subpart JJJJ

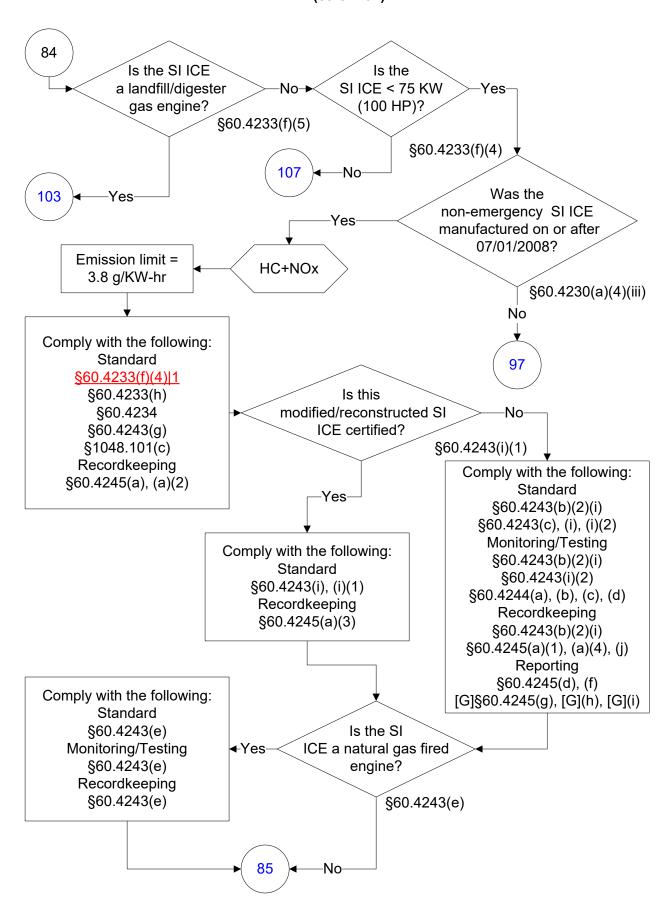
(57 of 104)



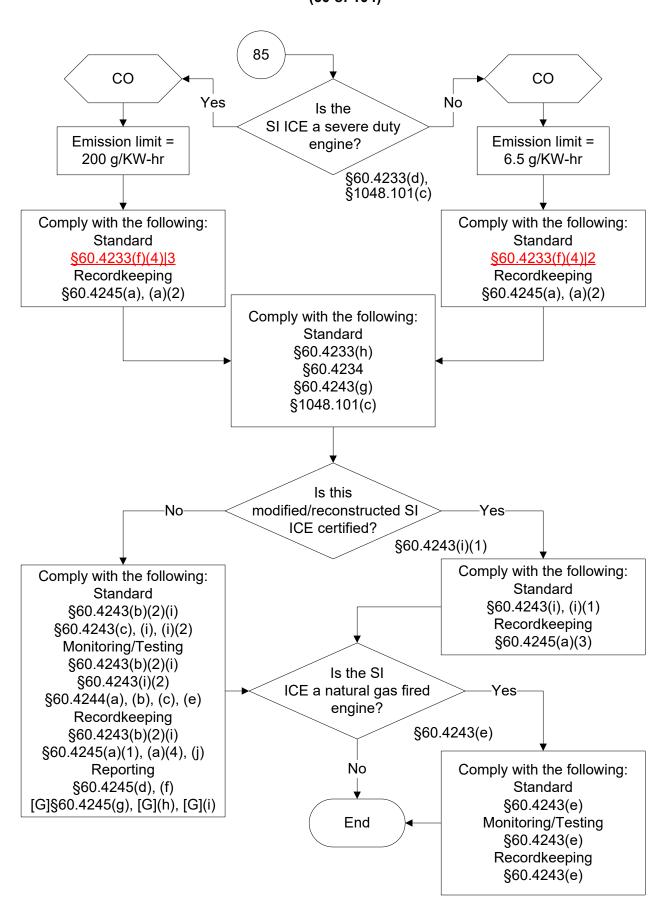
40 CFR Part 60, Subpart JJJJ (58 of 104)



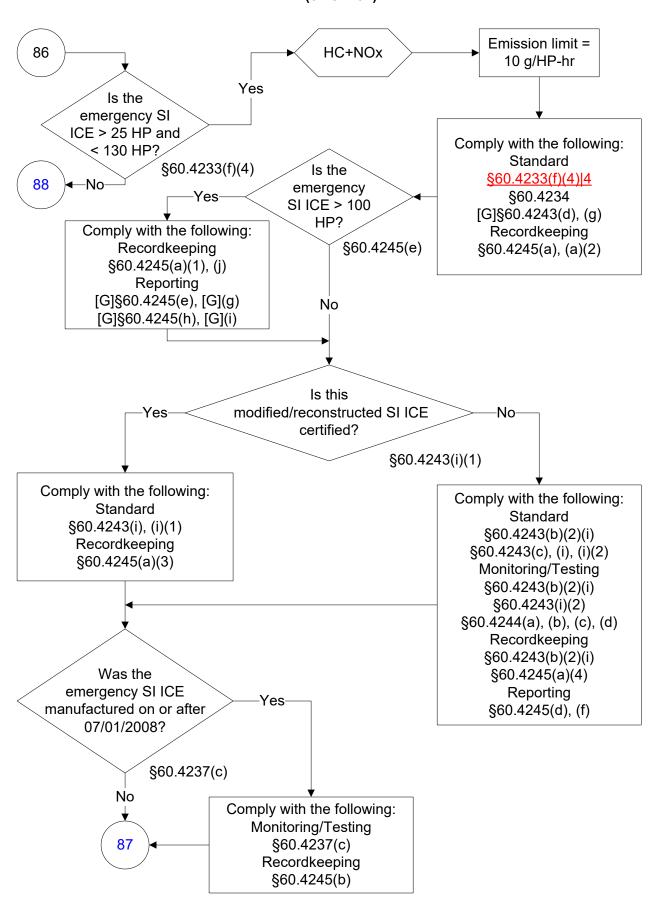
40 CFR Part 60, Subpart JJJJ (59 of 104)



40 CFR Part 60, Subpart JJJJ (60 of 104)



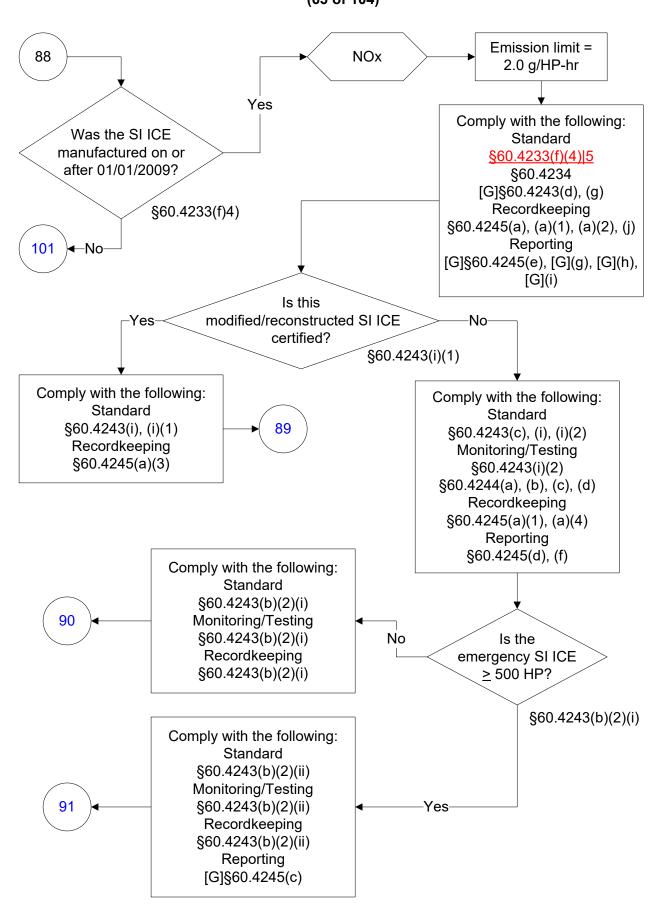
40 CFR Part 60, Subpart JJJJ (61 of 104)



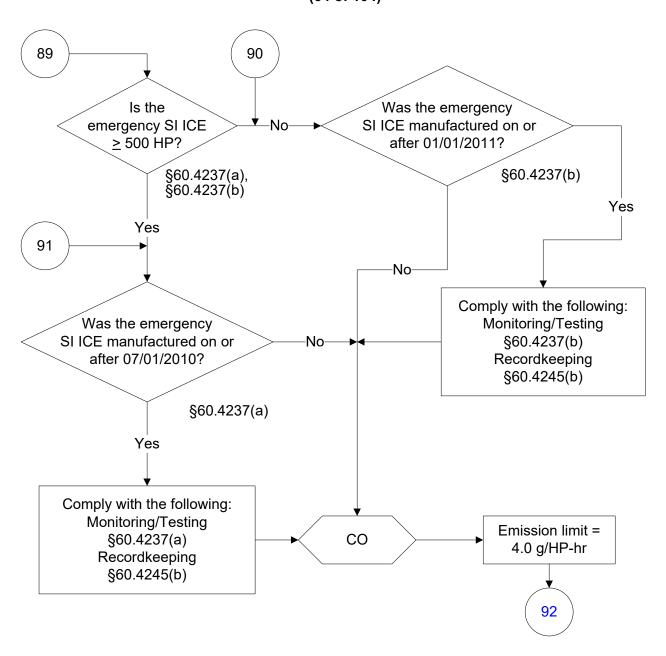
40 CFR Part 60, Subpart JJJJ (62 of 104)

Emission limit = 87 CO 387 g/HP-hr Comply with the following: Standard Is the §60.4233(f)(4)|6 emergency Yes §60.4234 SI ICE > 100 [G]§60.4243(d), (g) Comply with the following: HP? Recordkeeping Recordkeeping §60.4245(a), (a)(2) §60.4245(a)(1), (j) §60.4245(e) Reporting [G]§60.4245(e), [G](g) No [G]§60.4245(h), [G](i) Is this modified/reconstructed SI ICE Yes No certified? §60.4243(i)(1) Comply with the following: Comply with the following: Standard Standard §60.4243(i), (i)(1) §60.4243(b)(2)(i) Recordkeeping §60.4243(c), (i), (i)(2) §60.4245(a)(3) Monitoring/Testing §60.4243(b)(2)(i) §60.4243(i)(2) §60.4244(a), (b), (c), (e) Recordkeeping §60.4243(b)(2)(i) §60.4245(a)(4) Was the Reporting emergency SI ICE §60.4245(d), (f) Yes manufactured on or after 07/01/2008? §60.4237(c) No Comply with the following: Monitoring/Testing §60.4237(c) End Recordkeeping §60.4245(b)

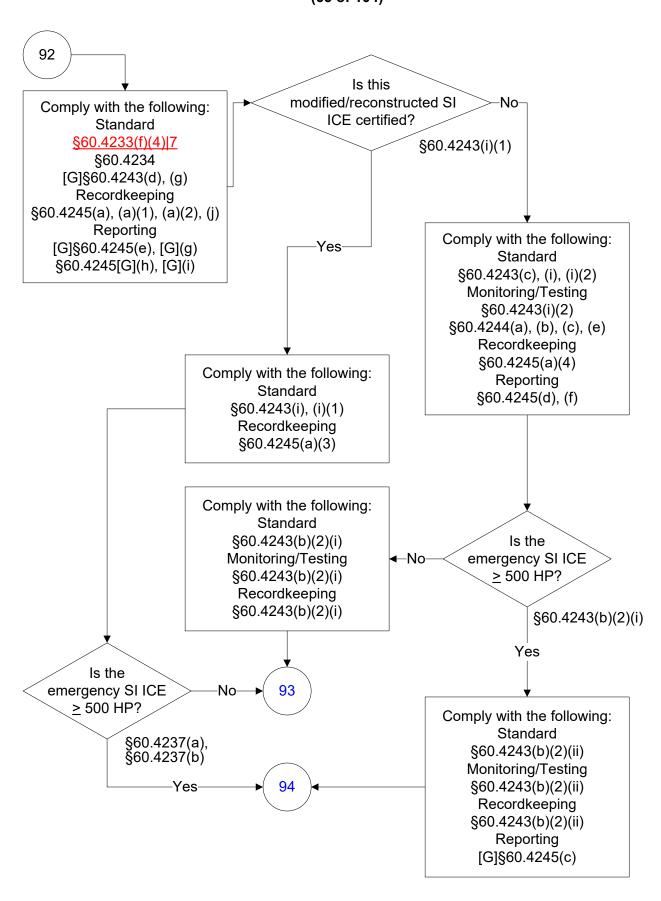
40 CFR Part 60, Subpart JJJJ (63 of 104)



40 CFR Part 60, Subpart JJJJ (64 of 104)



40 CFR Part 60, Subpart JJJJ (65 of 104)

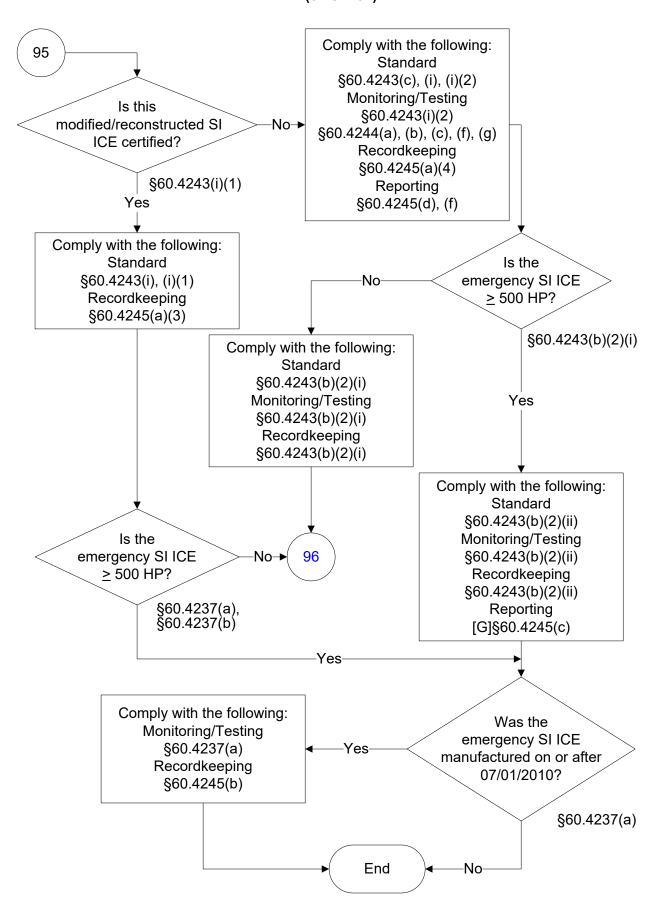


40 CFR Part 60, Subpart JJJJ (66 of 104)

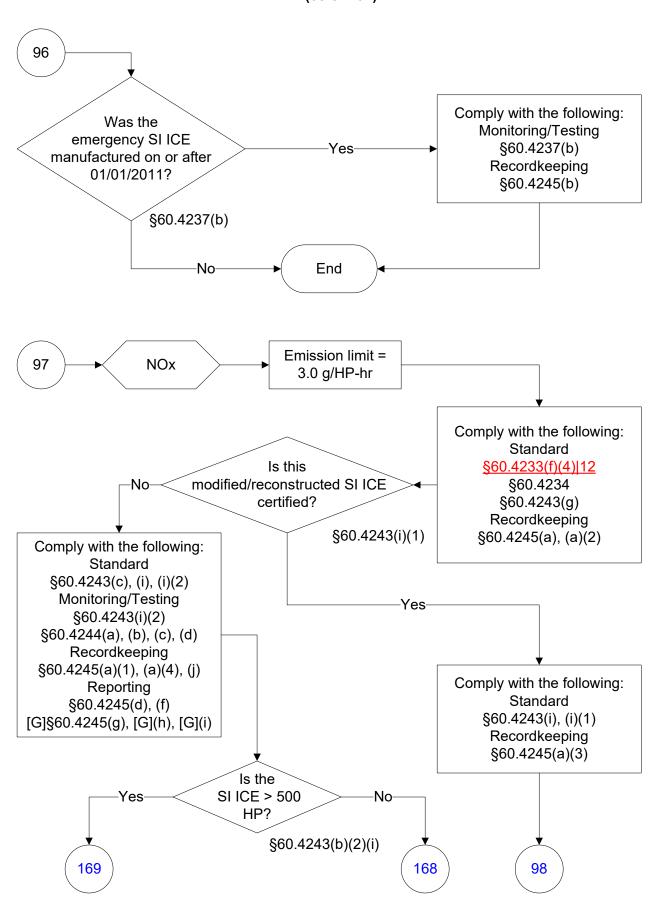
93 94 Was the Was the emergency SI ICE emergency SI ICE No-No manufactured on or after manufactured on or after 01/01/2011? 07/01/2010? §60.4237(b) §60.4237(a) Yes Yes Comply with the following: Comply with the following: Monitoring/Testing Monitoring/Testing §60.4237(b) §60.4237(a) Recordkeeping Recordkeeping §60.4245(b) §60.4245(b) Emission limit = VOC 1.0 g/HP-hr Comply with the following: Standard §60.4233(f)(4)|8 §60.4234 [G]§60.4243(d), (g) 95

Recordkeeping §60.4245(a), (a)(1), (a)(2), (j) Reporting [G]§60.4245(e), [G](g) [G]§60.4245(h), [G](i)

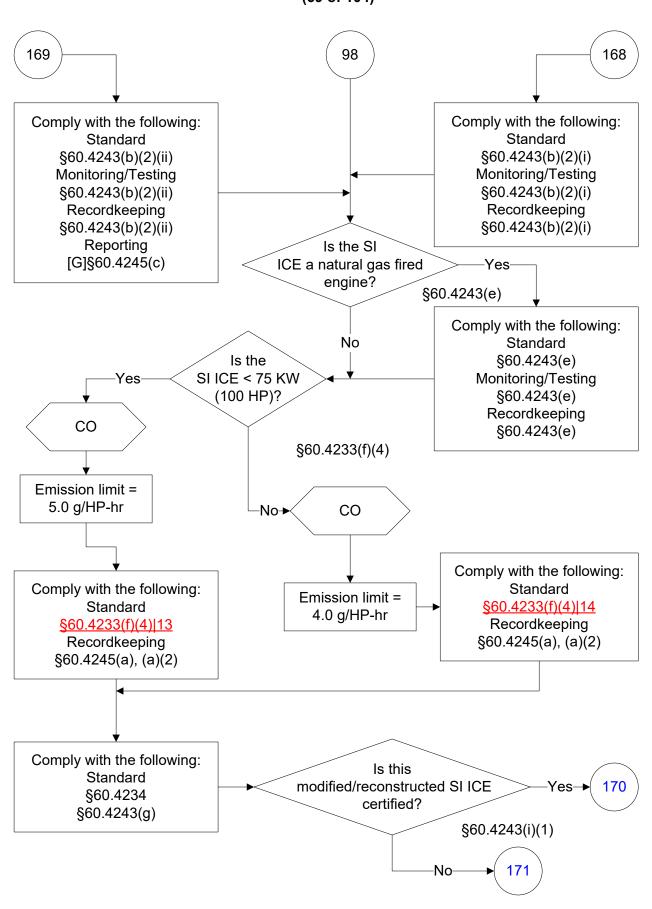
40 CFR Part 60, Subpart JJJJ (67 of 104)



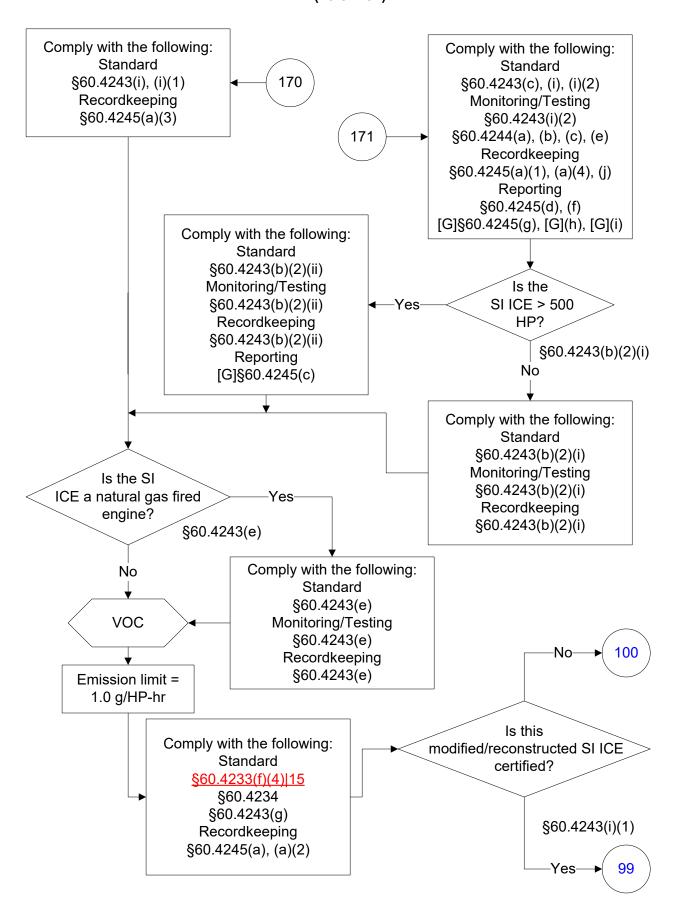
40 CFR Part 60, Subpart JJJJ (68 of 104)



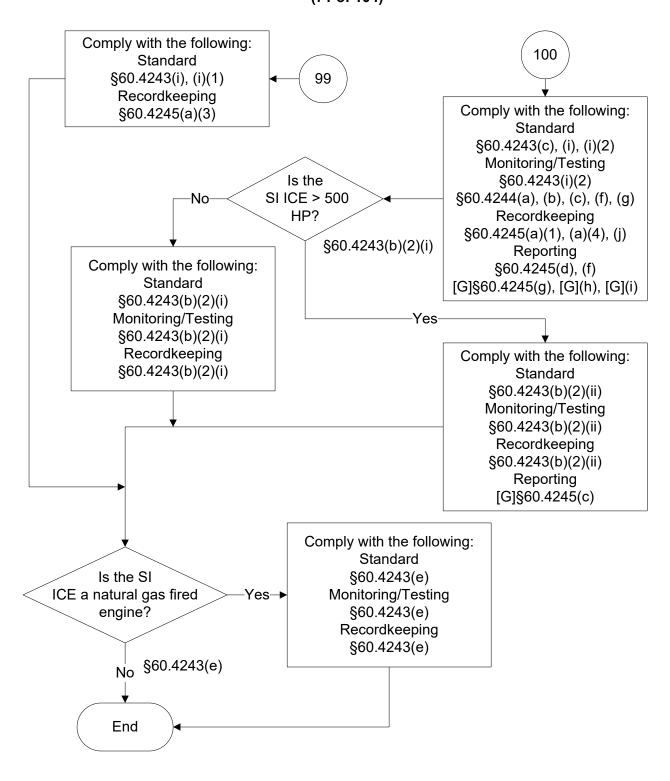
40 CFR Part 60, Subpart JJJJ (69 of 104)



40 CFR Part 60, Subpart JJJJ (70 of 104)

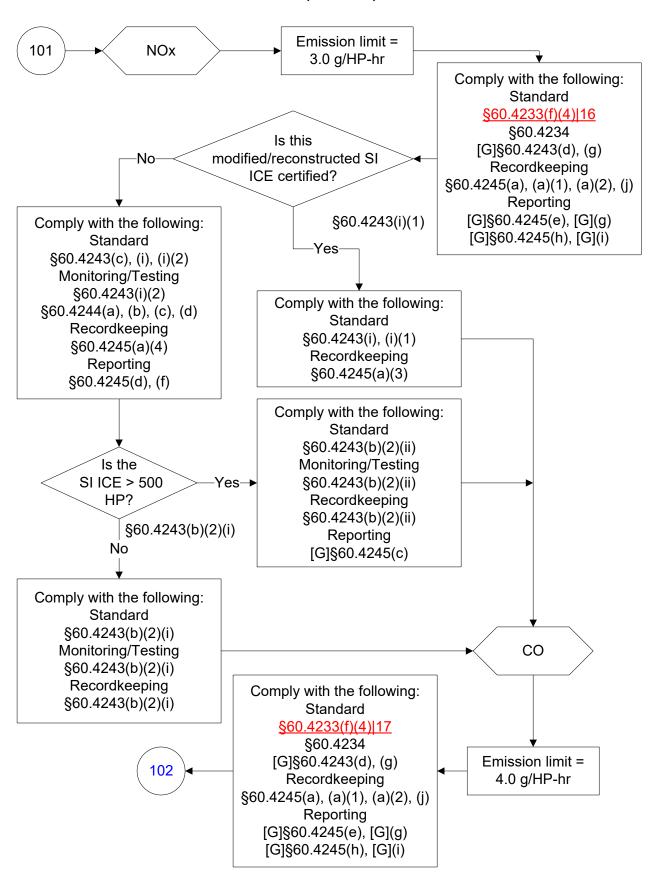


40 CFR Part 60, Subpart JJJJ

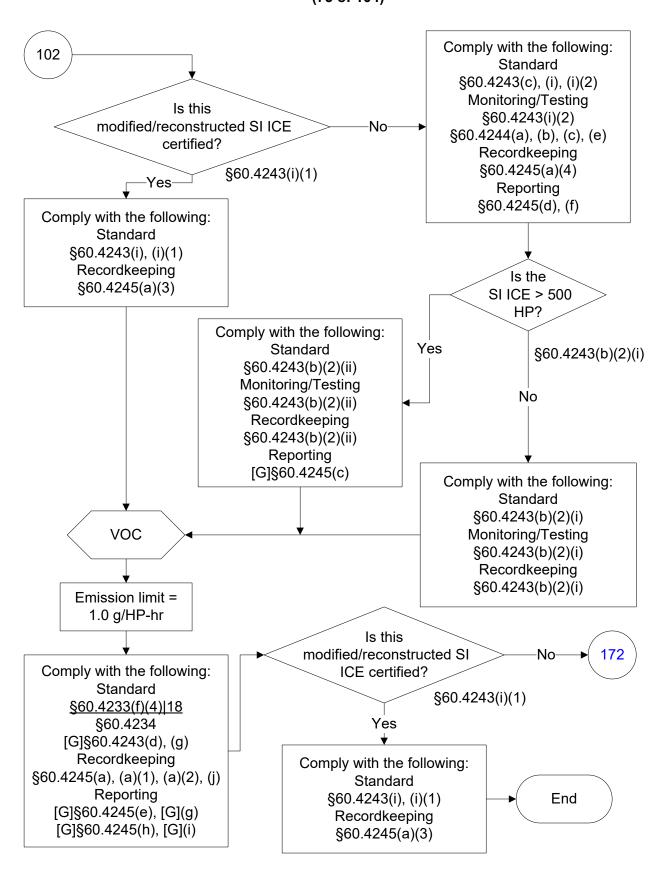


40 CFR Part 60, Subpart JJJJ

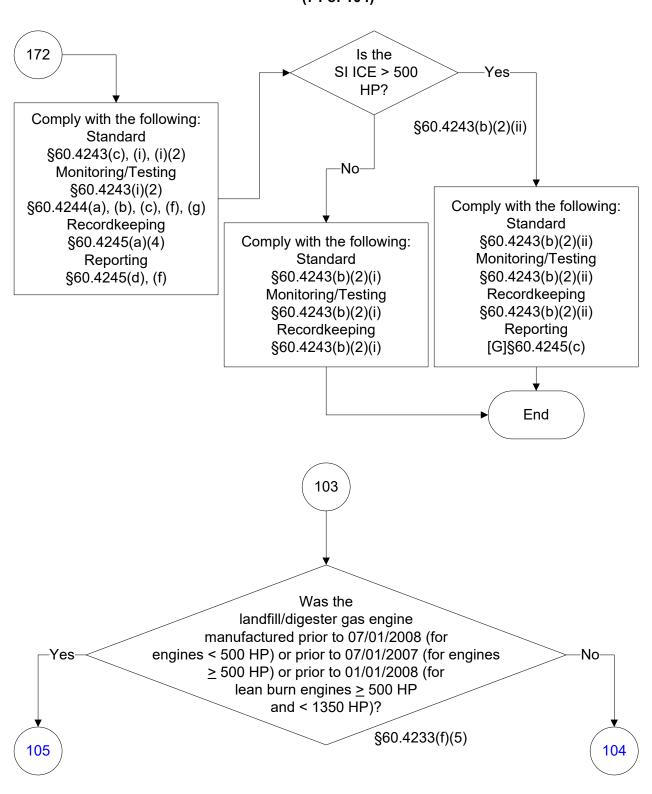
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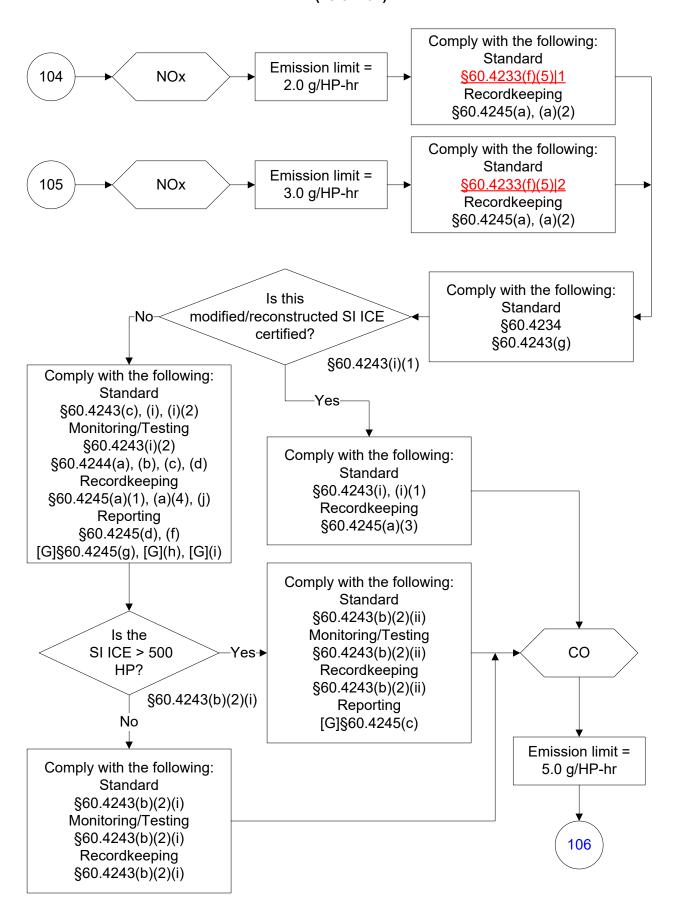
40 CFR Part 60, Subpart JJJJ (73 of 104)



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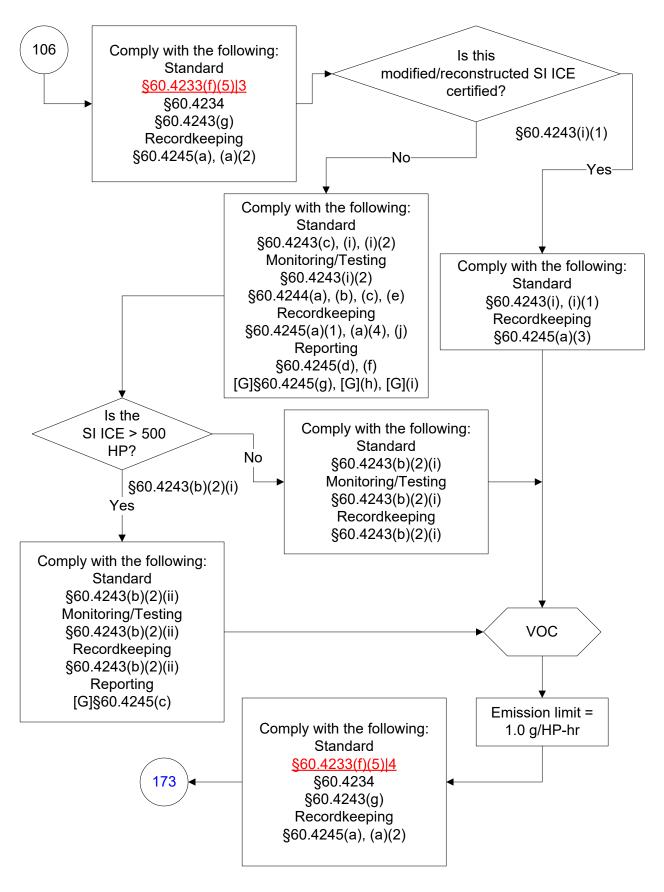


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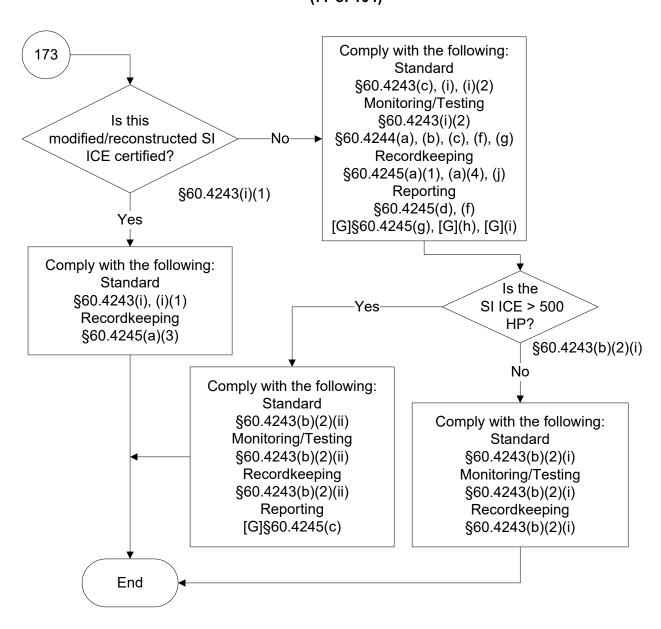


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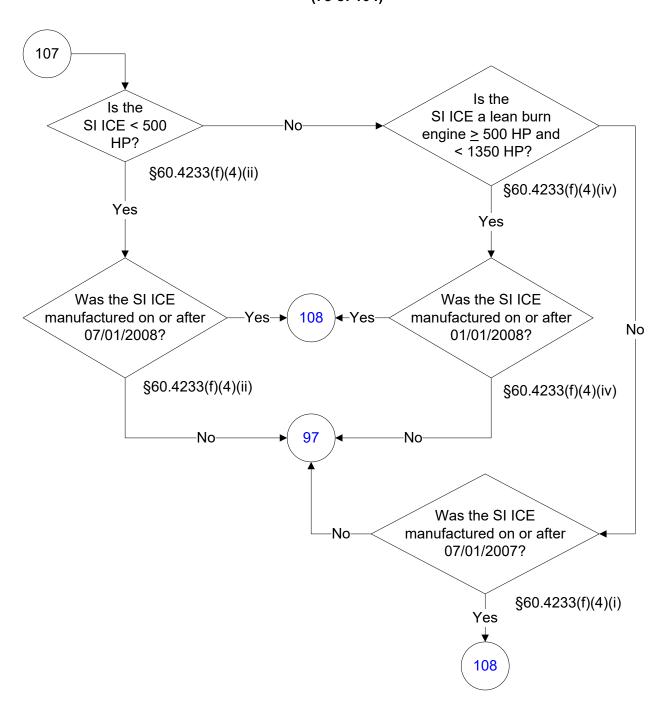
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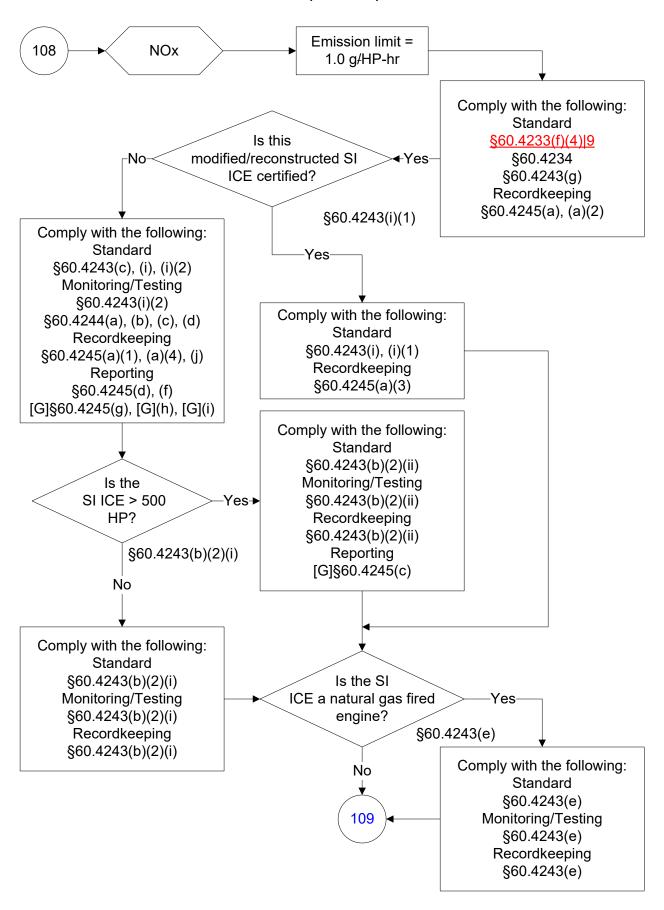
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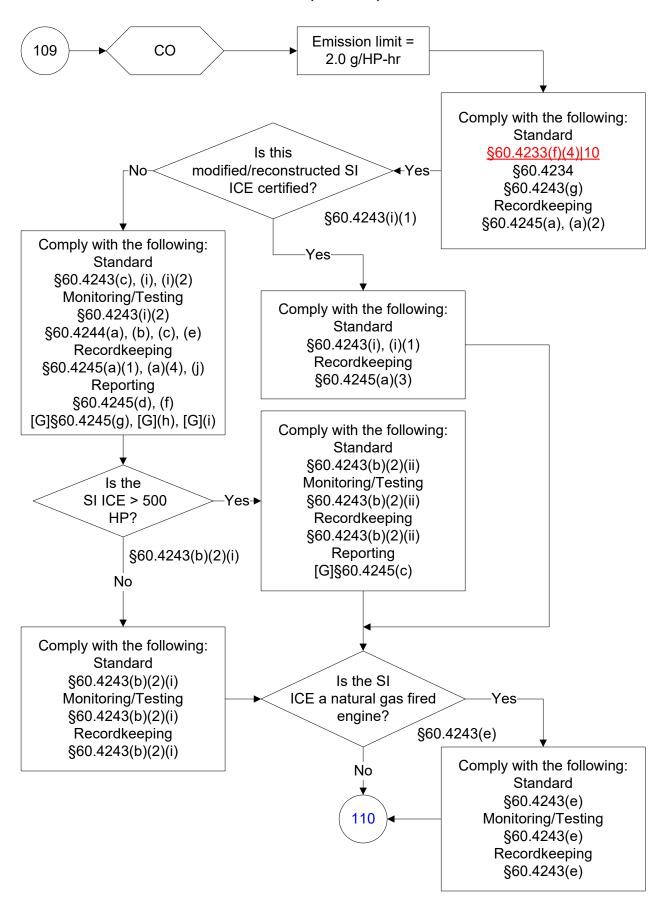


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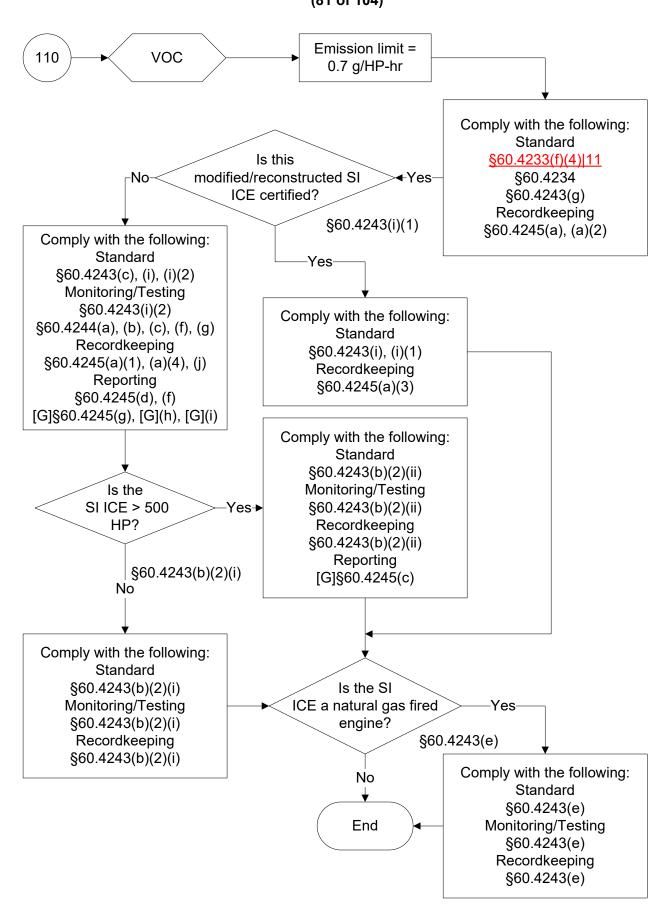
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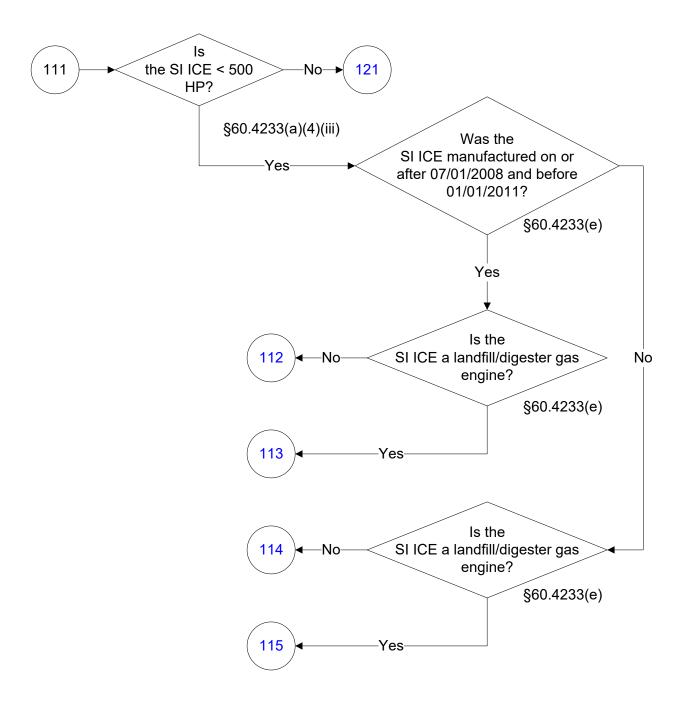
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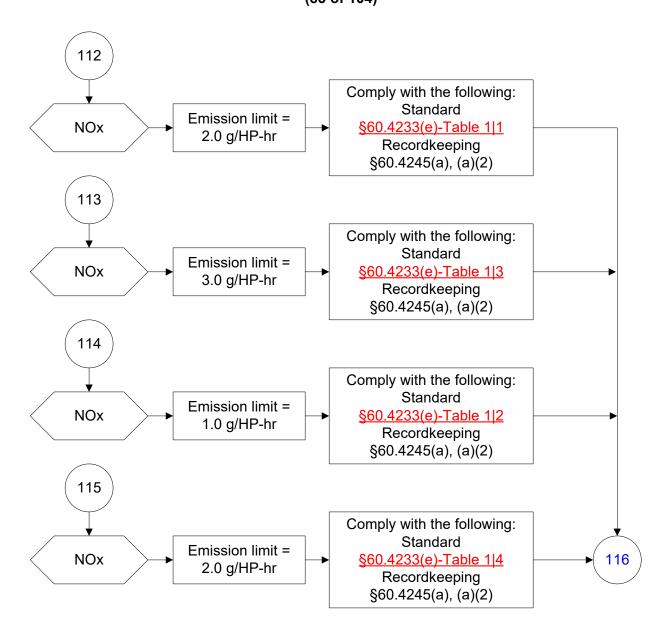


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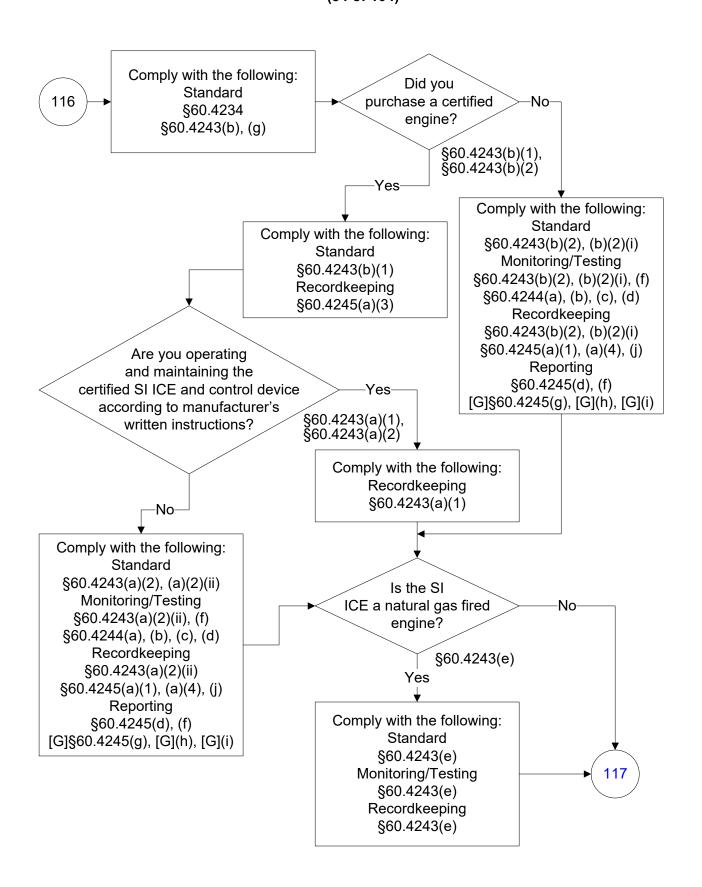
40 CFR Part 60, Subpart JJJJ (82 of 104)



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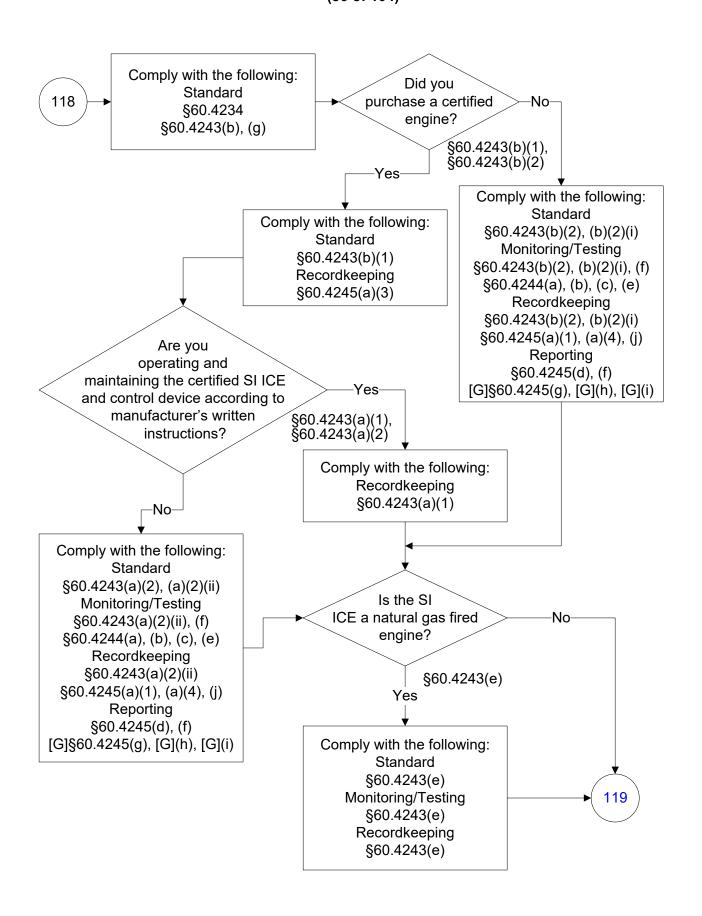
40 CFR Part 60, Subpart JJJJ (84 of 104)



40 CFR Part 60, Subpart JJJJ (85 of 104)

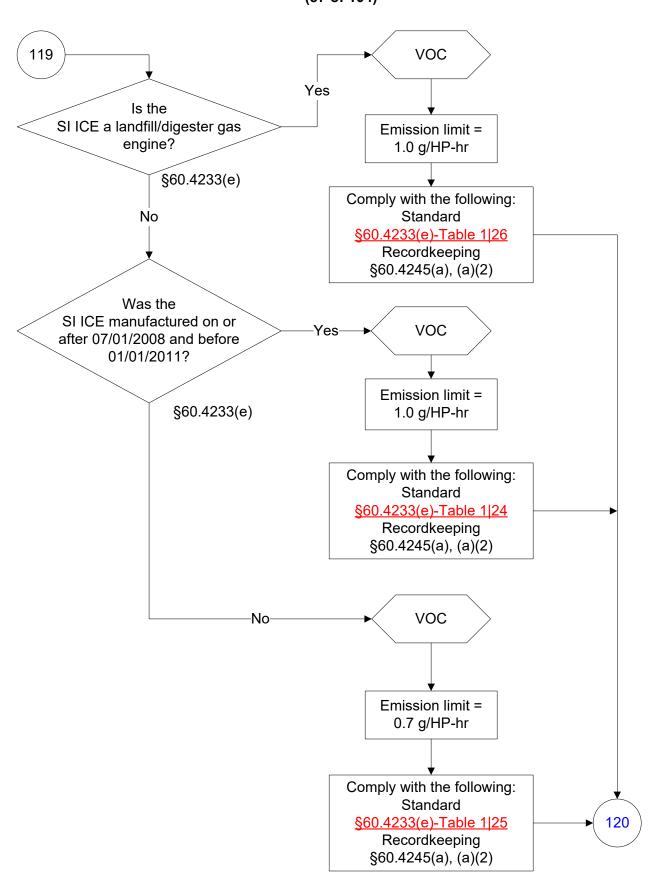
117 CO Yes Is the Emission limit = SI ICE a landfill/digester gas 5.0 g/HP-hr engine? §60.4233(e) Comply with the following: Standard No §60.4233(e)-Table 1|17 Recordkeeping §60.4245(a), (a)(2) Was the SI ICE manufactured on or CO Yes after 07/01/2008 and before 01/01/2011? Emission limit = §60.4233(e) 4.0 g/HP-hr Comply with the following: Standard §60.4233(e)-Table 1|15 Recordkeeping §60.4245(a), (a)(2) Emission limit = CO No→ 2.0 g/HP-hr Comply with the following: Standard §60.4233(e)-Table 1|16 118 Recordkeeping §60.4245(a), (a)(2)

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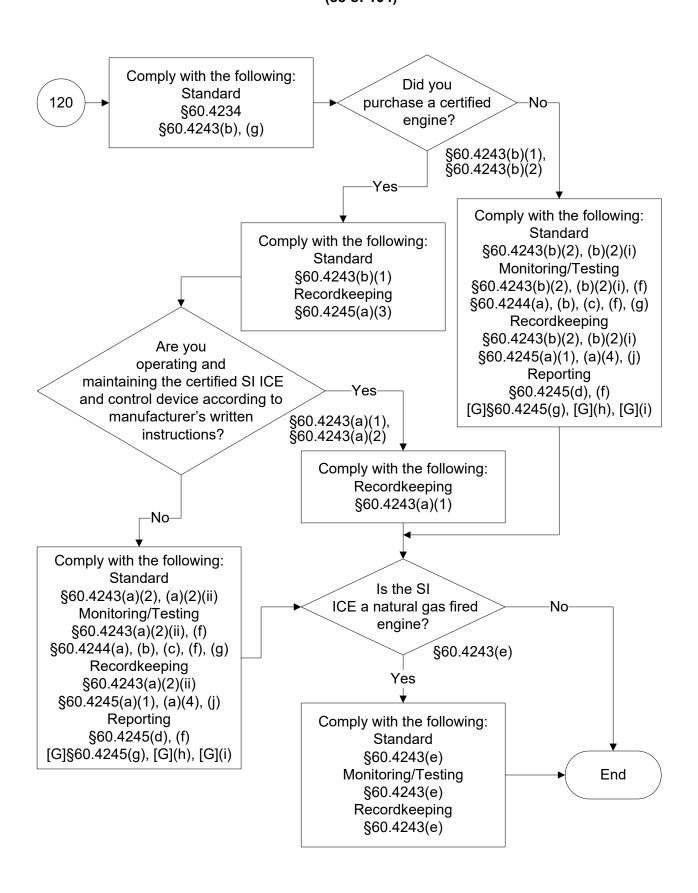


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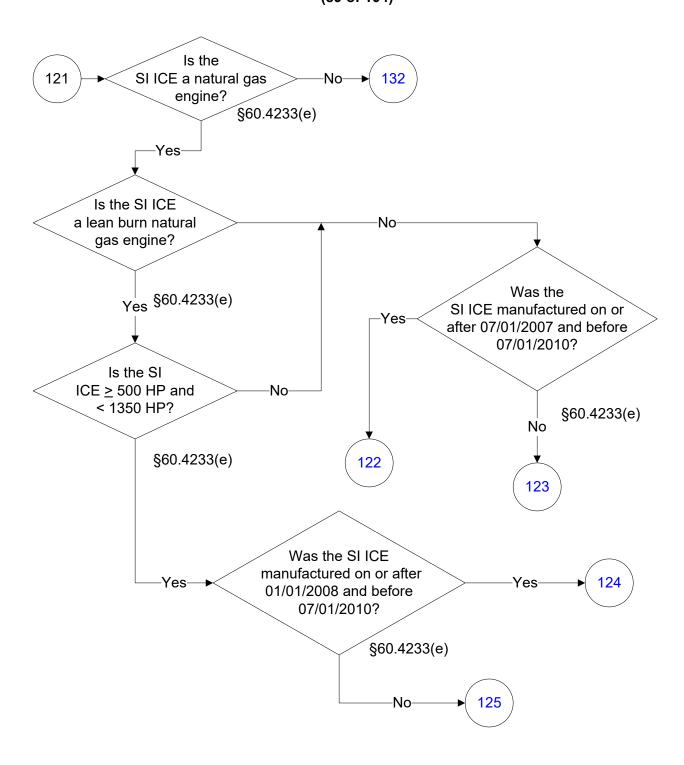
40 CFR Part 60, Subpart JJJJ (87 of 104)



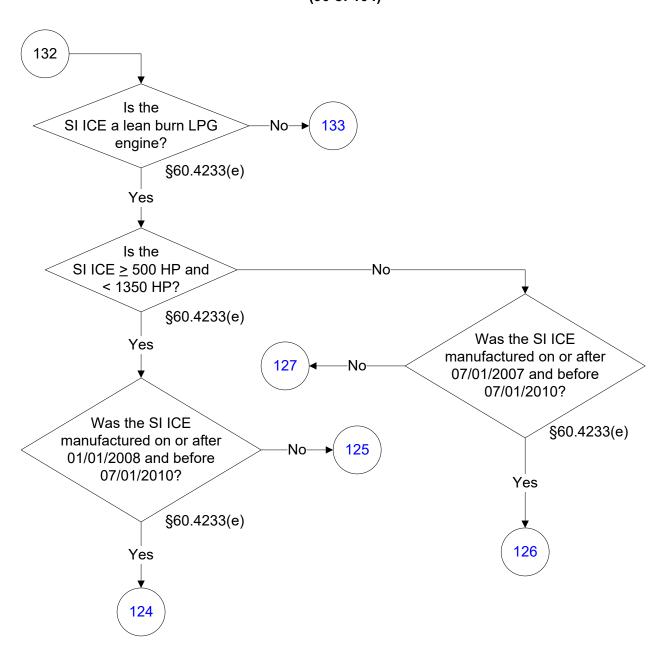
40 CFR Part 60, Subpart JJJJ (88 of 104)



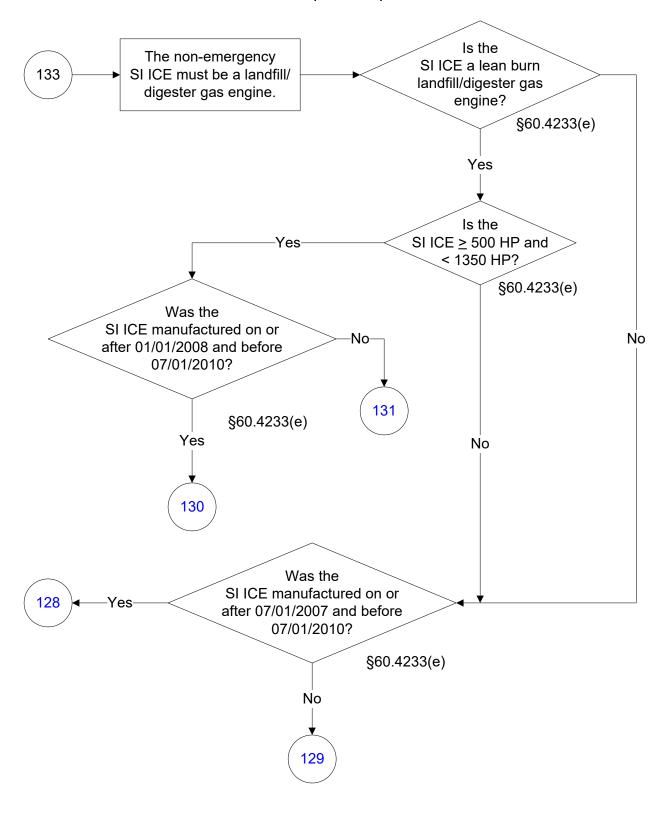
40 CFR Part 60, Subpart JJJJ (89 of 104)



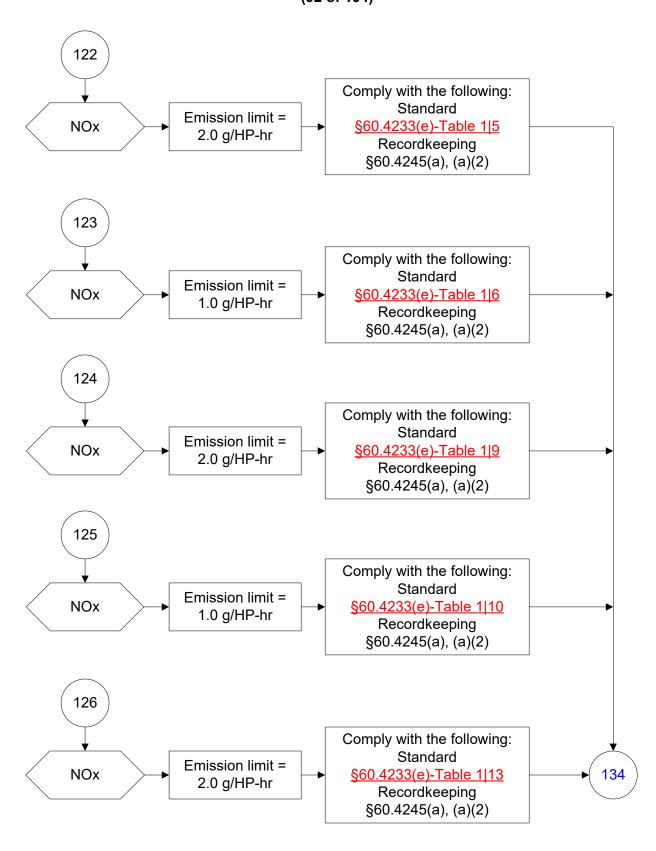
40 CFR Part 60, Subpart JJJJ (90 of 104)



40 CFR Part 60, Subpart JJJJ (91 of 104)



40 CFR Part 60, Subpart JJJJ (92 of 104)



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127 Comply with the following: Standard Emission limit = NOx §60.4233(e)-Table 1|14 1.0 g/HP-hr Recordkeeping §60.4245(a), (a)(2) 128 Comply with the following: Standard Emission limit = NOx §60.4233(e)-Table 1|7 3.0 g/HP-hr Recordkeeping §60.4245(a), (a)(2) 129 Comply with the following: Standard Emission limit = NOx §60.4233(e)-Table 1|8 2.0 g/HP-hr Recordkeeping §60.4245(a), (a)(2) 130 Comply with the following: Standard Emission limit = NOx §60.4233(e)-Table 1|11 3.0 g/HP-hr Recordkeeping §60.4245(a), (a)(2) 131 Comply with the following: Standard Emission limit =

2.0 g/HP-hr

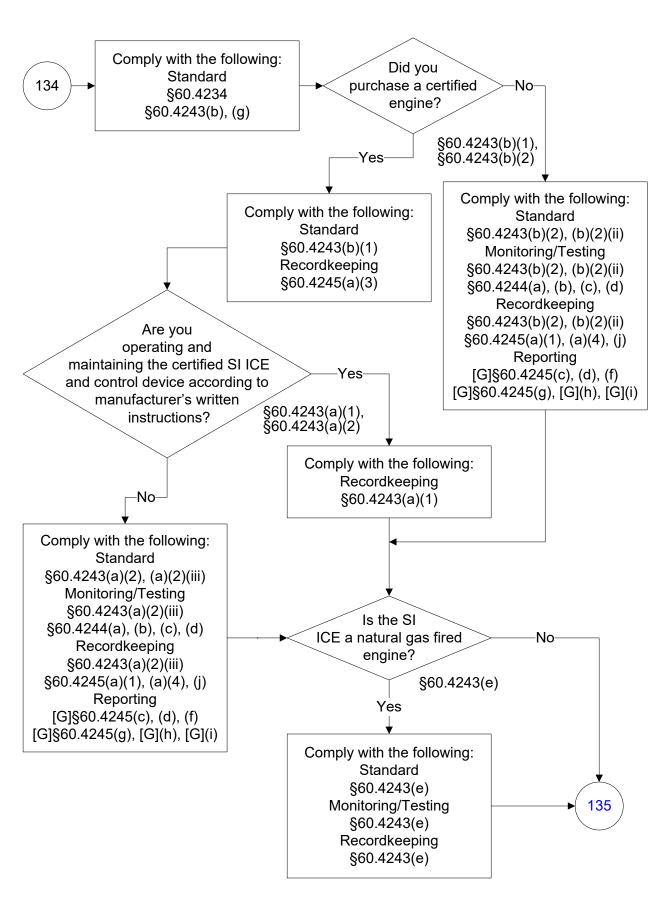
§60.4233(e)-Table 1|12

Recordkeeping §60.4245(a), (a)(2)

134

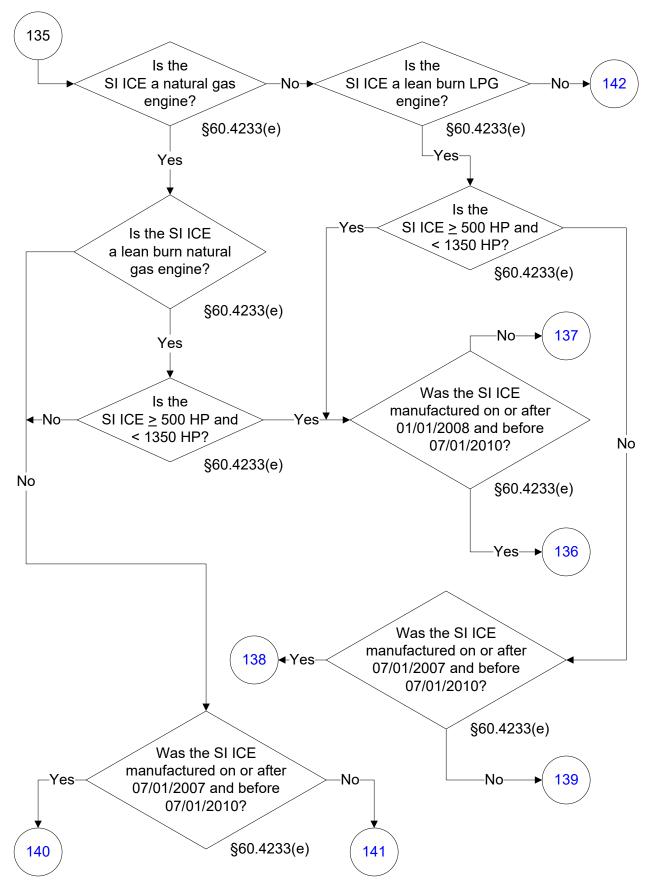
NOx

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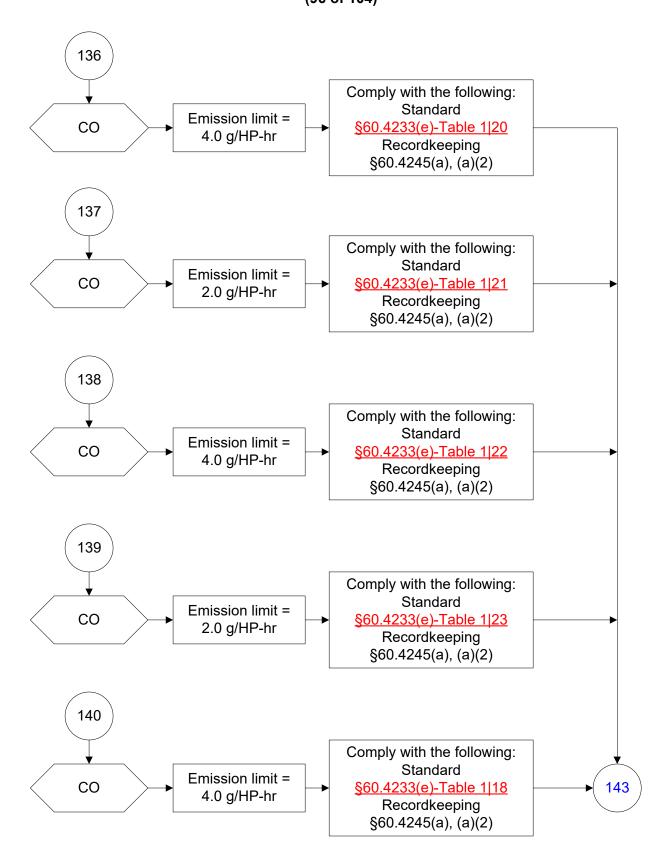
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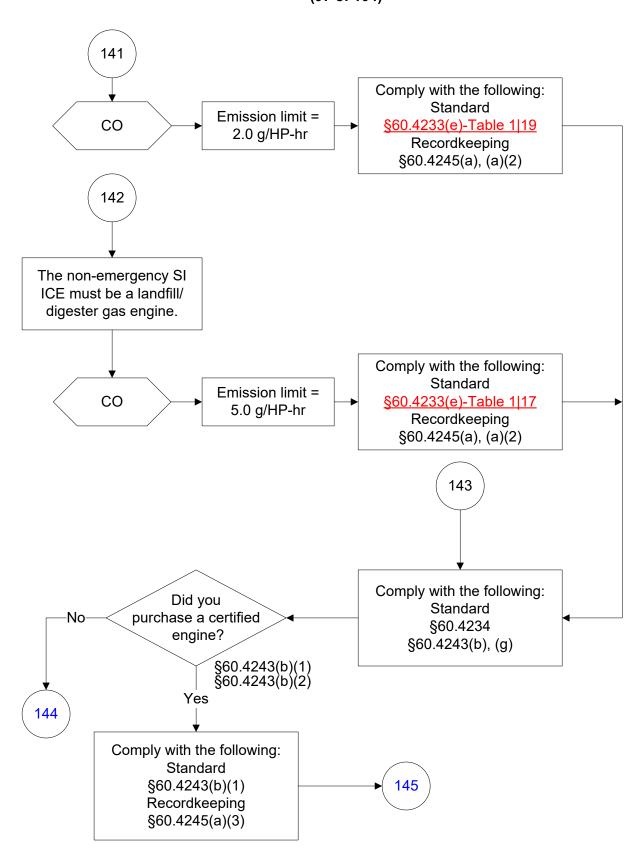


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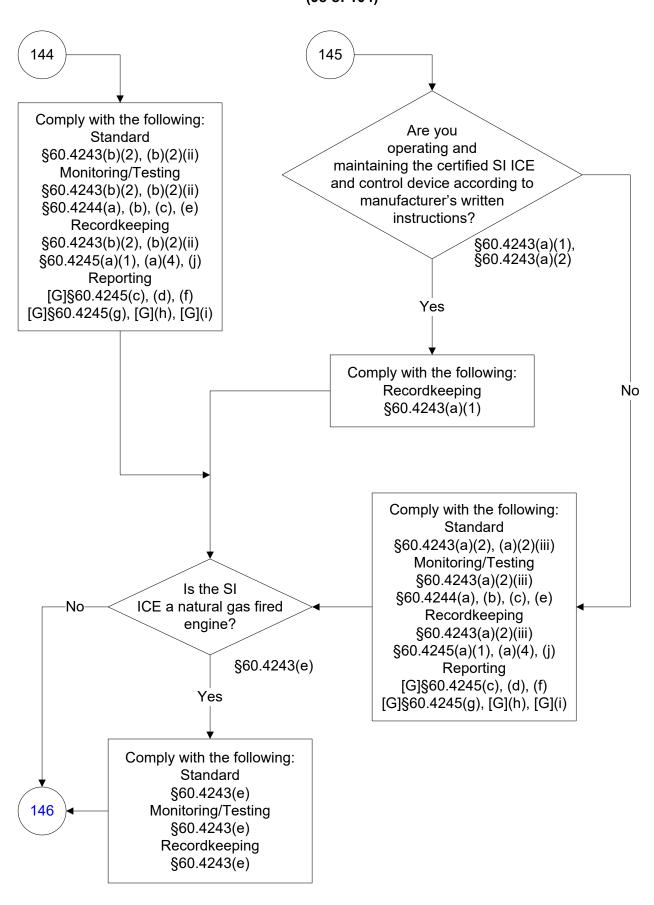
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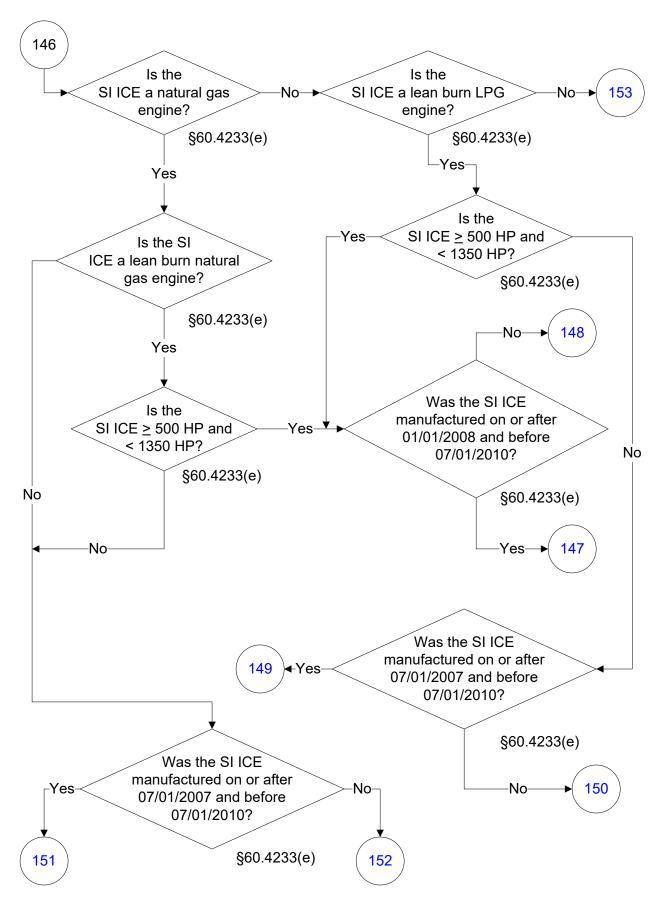


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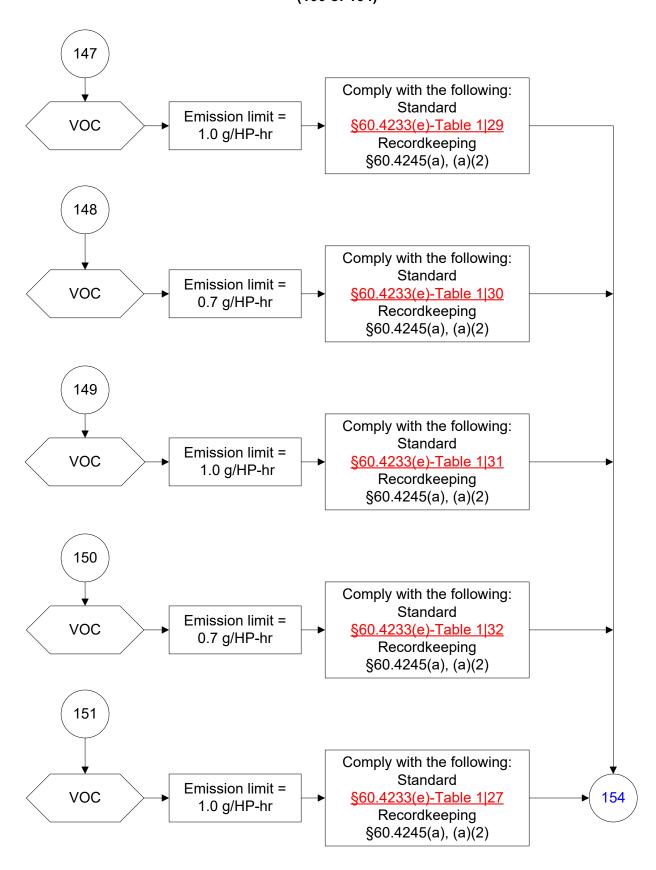


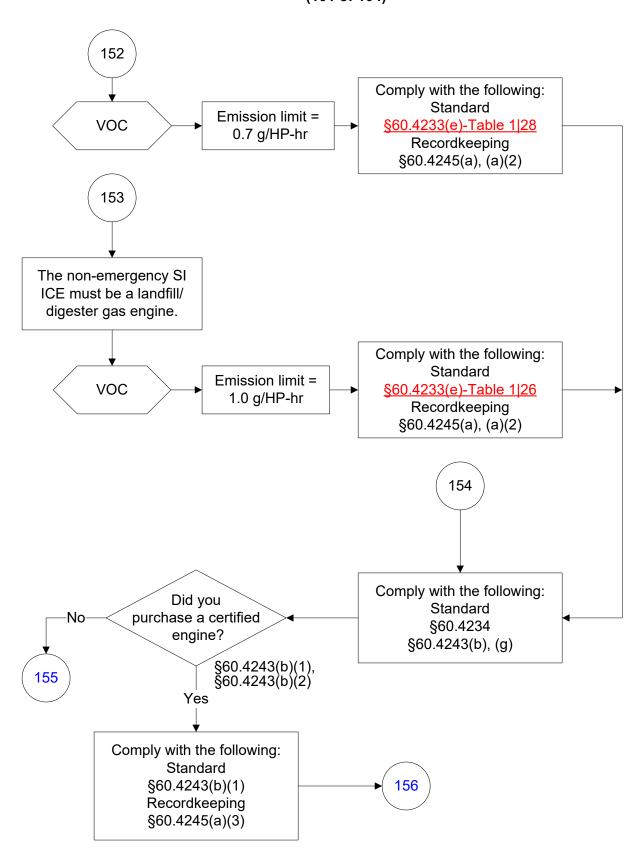
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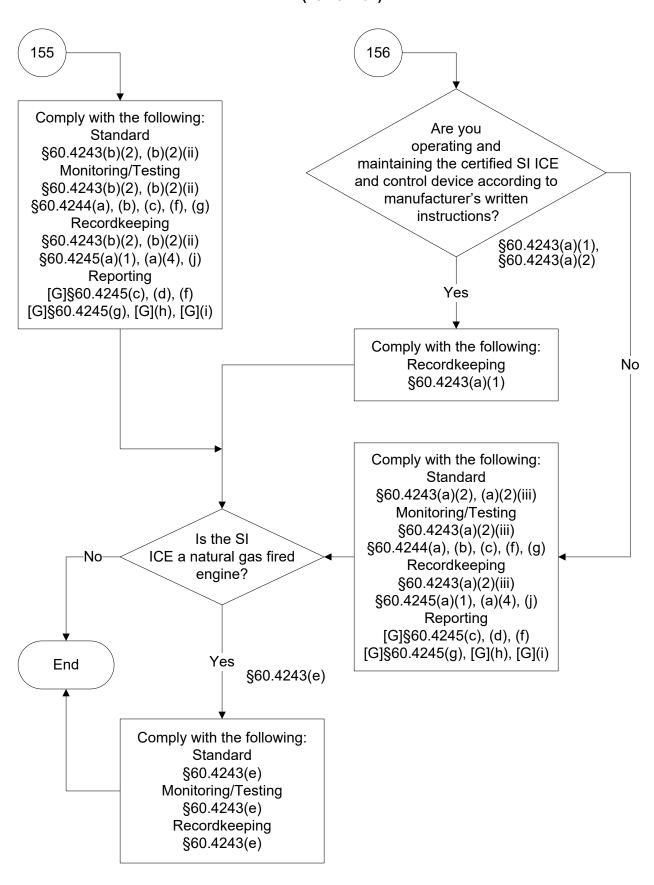
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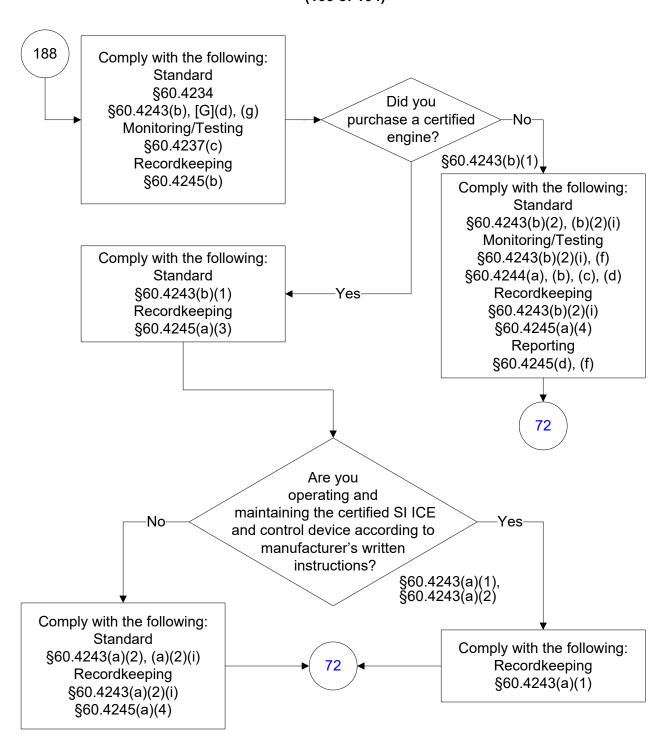


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