

Texas Commission on Environmental Quality

CHECKLIST WORKSHEET

AIR AUTOBODY REFINISHING FACILITY INSPECTION

Reg Ent Name : _____

Date : _____

Add ID _____

Investigator Name _____

Item No.	Description	Answer	Citations	Notes
	CHECKLIST EXCEPTIONS			
1	Is the facility De Minimis as per the conditions of 30 TAC 116.119? If YES, complete only Section 1 below.			
2	Does the facility have a case-by-case NSR air permit? If YES, disregard this checklist and attach a separate narrative report to document compliance with the permit.			
	SECTION 1: 30 TAC 101 and 115 REQUIREMENTS			
3	Additional records kept for filing an annual emissions inventory under §101.10? (if using > 3,500 gal/year of chemicals)		101.10 382.085(b)	
4	Are emissions from the facility complying with §101.4 (nuisance)?		101.4 382.085(b)	
5	Do VOC emissions used in vehicle refinishing exceed the following limits expressed as pounds of VOC per gallon (#VOC/gal) of coating minus water and exempt solvents, as delivered to the applicable system? (If YES, identify surface coating type exceeded and enter VOC Content in applicable Comments cell below)			
6	Primers or Primer Surfaces 5.0 #VOC/gal		115.421(a)(8)(B)(i) 382.085(b)	
7	Precoat 5.5 #VOC/gal		115.421(a)(8)(B)(ii) 382.085(b)	
8	Pretreatment 6.5 #VOC/gal		115.421(a)(8)(B)(iii) 382.085(b)	
9	Single-stage Topcoats 5.0 #VOC/gal		115.421(a)(8)(B)(iv) 382.085(b)	
10	Basecoats/Clearcoat Systems 5.0 #VOC/gal		115.421(a)(8)(B)(v) 382.085(b)	
11	Three-stage Systems 5.2 #VOC/gal		115.421(a)(8)(B)(vi) 382.085(b)	
12	Specialty Coatings 7.0 #VOC/gal		115.421(a)(8)(B)(vii) 382.085(b)	
13	Sealers 6.0 #VOC/gal		115.421(a)(8)(B)(viii) 382.085(b)	
14	Wipe-down Solutions 1.4 #VOC/gal		115.421(a)(8)(B)(ix) 382.085(b)	

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15	Is high transfer efficiency spray equipment such as HVLP spray guns used?		115.422(2) 382.085(b)	
16	Is equipment cleanup done in an enclosed cleaner? If not, are non-enclosed cleaners used with solvent vapor pressure < 100 mmHg at 68 degrees F and with solvent draining to a remote reservoir?		115.422(1)(A) 382.085(b)	
17	Are all wash solvents kept in an enclosed and covered reservoir?		115.422(1)(B) 382.085(b)	
18	Are all waste solvents kept in closed containers?		115.422(1)(C) 382.085(b)	
19	Are the following records kept for the last 24 months and made immediately available to the investigator upon request for review?			
20	MSDS or other coating data sheets on paint and solvent used during the previous 24-month period or currently used?		382.085(b) 115.426(1)(A)	
21	Records of coating & solvent usage, sufficient to determine compliance with the applicable emission limits are maintained (incl. monthly coating and solvent purchase records)?		115.426(1)(B) 382.085(b)	
	SECTION 2: 30 TAC 106.436 REQUIREMENTS			
22	Is the facility registered with the TCEQ using Form PI-7 [PBR]? (If Yes, provide registration number in comments field)		106.436(1) 382.085(b)	
23	Is the combined coating and solvent usage < ½ pint/hour? If Yes, exempt from all conditions of this PBR except 30 TAC 106,436 (3), (4), (16), and (17)			
24	Is the combined coating and solvent usage < 2 gallons/week? If Yes, exempt from all conditions of this PBR except to 30 TAC 106,436 (3), (4), (8), (11), (12), (14), (16), and (17)			
25	Is good housekeeping practiced? (i.e., clean up spills, maintain equipment and cover waste containers)		106.436(3) 382.085(b)	
26	Are they complying with no visible emissions leaving the facility property?		106.436(4) 382.085(b)	
27	If > 9 sqft is painted, is the coating performed in a totally enclosed filtered spray booth or spray area?		106.436(5) 382.085(b)	
28	Does the enclosed booth or spray have an air intake of < 100 sqft? (If yes, provide air intake in sqft in comments field)		106.436(5) 382.085(b)	
29	Are all spray areas equipped with a fan that has a flow rate capacity of > or = 10,000 cfm or a face velocity of > or = 100 ft/min? (If yes, provide fan flow rate in cfm or fan velocity in ft/min in comments field)		106.436(5) 382.085(b)	
30	If < 9 sqft is spray painted and not in a totally enclosed booth, are coating operations performed on or in a dedicated prep area?		106.436(6) 382.085(b)	
31	Is the prep area exhaust fan operated during spraying?		106.436(6)(A) 382.085(b)	
32	Is air vented to the atmosphere through a stack, or recirculated back into the shop through a carbon adsorption system (CAS)?		106.436(6)(A) 382.085(b)	
33	If using a CAS, is carbon replaced as per manufacturer's recommendations?		106.436(6)(B)	

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			382.085(b)	
34	Is the prep area equipped with filter or filter system to control overspray?		106.436(6)(C) 382.085(b)	
35	Do all required filters have a particulate control efficiency of > or = 90%?		106.436(7) 382.085(b)	
36	Is high transfer efficiency spray equipment such as HVLP spray guns used? (Electrostatic spray guns or other methods, if demonstrated to provide equivalent or better transfer efficiency, are acceptable.)		106.436(8) 382.085(b)	
37	Is equipment cleanup done in an enclosed cleaner?		106.436(9)(A) 382.085(b)	
38	Are non-enclosed cleaners used with solvent vapor pressure < 100 mmHg at 68 degrees F and with solvent draining to a remote reservoir?		106.436(9)(A) 382.085(b)	
39	Are all wash solvents kept in an enclosed and covered reservoir, except when being refilled with fresh solvents?		382.085(b) 106.436(9)(B)	
40	Are all waste solvents kept in closed containers?		106.436(9)(C) 382.085(b)	
41	Are electric or gas heaters used?		106.436(10) 382.085(b)	
42	Are non electric heaters powered by LP or natural gas?		382.085(b) 106.436(10)	
43	Do all heaters have a rating of < or = 5 MMBTU/hr?		106.436(10) 382.085(b)	
44	Is the stack height 1.2 times higher than the tallest building within 200 ft. of the shop?		382.085(b) 106.436(11)(A)	
45	Is the stack height 1.2 times higher than the height of the body shop if there is no taller building within 200 ft. of the body shop?		106.436(11)(B) 382.085(b)	
46	Is the spray booth stack higher than any ground level elevation within 250 ft. of the stack? (If No, then this PBR cannot be used)		106.436(11)(C) 382.085(b)	
47	Are all spray booth, spray area and prep area stacks located > or = 50 ft. from any residence, recreation area, church, school, child care center, or medical or dental facility?		382.085(b) 106.436(12)	
48	Is vertical discharge of air contaminants unobstructed by rain caps, goose neck exhausts, or other stack heads?		382.085(b) 106.436(13)	
49	Does the facility use coatings that meet the VOC content limits specified in 30 TAC 115.421(a)(8)(B)? (See Part A of this checklist)		382.085(b) 106.436(14)	
50	Does the facility use < the following amounts of any coating or solvents? (Identify surface coatings used and amounts in gallons per month in applicable Comments cell below)			
51	Cleanup solvents < or = 50 gallons/month		106.436(15)(A) 382.085(b)	
52	Wipe solvents < or = 50 gallons/month		106.436(15)(B) 382.085(b)	

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53	Precoat < or = 50 gallons/month		382.085(b) 106.436(15)(C)	
54	Pretreatment < or = 50 gallons/month		106.436(15)(D) 382.085(b)	
55	Sealers < or = 50 gallons/month		106.436(15)(E) 382.085(b)	
56	Primers/Primer Surfacer < or = 175 gallons/month		382.085(b) 106.436(15)(F)	
57	Top Coats < or = 320 gallons/month		106.436(15)(G) 382.085(b)	
58	Specialty Coatings < or = 50 gallons/month		382.085(b) 106.436(15)(H)	
59	Are the following records kept for the last 24 months and made immediately available to the investigator upon request for review?			
60	MSDS or other coating data sheets on paint and solvent used during the previous 24-month period or currently used?		382.085(b) 106.436(16)(A)	
61	Are records of coating & solvent purchases available? (Invoices from suppliers are acceptable)		382.085(b) 106.436(16)(B)	
62	Records of monthly coating and solvent usage if purchase volumes are > the levels in 106.436(15)?		382.085(b) 106.436(16)(C)	
63	Are additional records kept for filing an annual emissions inventory under §101.10? (if using > 3,500 gal/year of chemicals)		101.10 106.436(16)(D) 382.085(b)	
64	Are EPA and TCEQ waste generator records available?		382.085(b) 106.436(16)(E)	
65	Are emissions from the facility complying with §101.4 (nuisance)?		106.436(17) 101.4 382.085(b)	

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