**Texas Commission on Environmental Quality**

**Auto Body Refinishing Facility**

**Air Permits by Rule (PBR) Checklist**

**Title 30 Texas Administrative Code § 106.436**

Check the most appropriate answer and include any additional information in the spaces provided. If additional space is needed, please include an extra page and reference the rule number. The permit by rule (PBR) forms, tables, checklists, and guidance documents are available from the Texas Commission on Environmental Quality (TCEQ), Air Permits Division Web site at: [www.tceq.texas.gov/permitting/air/nav/air\_pbr.html](http://www.tceq.texas.gov/permitting/air/nav/air_pbr.html)

For additional assistance with your application, including resources to help calculate your emissions, please visit the Small Business and Local Government Assistance (SBLGA) webpage at the following link: [www.TexasEnviroHelp.org](http://www.TexasEnviroHelp.org)

Ensure the following conditions are met before completing the checklist:

* Spills are cleaned up as soon as possible, equipment is maintained according to manufacturers' instructions, and property is kept clean. In addition, all waste coatings, solvents, and spent automotive fluids including, but not limited to, engine oil, gear oil, transmission fluid, brake fluid, anti-freeze, fresh or waste fuels, and spray booth filters or water wash sludge are disposed of properly. Prior to disposal, all liquid waste shall be stored in covered containers.
* There are no visible emissions leaving the property.
* In order to demonstrate compliance with the general and specific requirements of this PBR, the owner or operator of the shop must set up and maintain a centralized recordkeeping system that includes Material Safety Data Sheets or Safety Data Sheets, monthly coatings purchases or usage records, and hazardous waste management records, and keep records for a consecutive 24-month period. These shall be made immediately available upon request of personnel from the commission or any other air pollution control agency with jurisdiction.
* All rules of the commission must be complied with, including [§101.4](http://texreg.sos.state.tx.us/public/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=30&pt=1&ch=101&rl=4) of this title (relating to Nuisance). The commission may require a facility to cease operation until the matter is resolved.

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| **Questions/Descriptions and Response** | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Rule** | **106.436 Citation** | | | | | | |
| (2)(A) and (2)(B) | What are the usage rates? | | | | | | |
| less than ½ pint per hour | | less than 2 gallons per week | | | greater than 2 gallons per week | | |
| Note: *Registration is not required for usage rates of less than ½ pint per hour or less than 2 per week; see* [Fact Sheet](http://www.tceq.texas.gov/assets/public/permitting/air/factsheets/436fact-sheet.pdf). | | | | | | | |
| Note:*Please continue with registration and checklist if usage rates are greater than 2 gallons per week*. | | | | | | | |
| (5) | What size panels are painted? (Check all that apply:) | | | | | | |
| less than 9 ft2 per panel | | | | greater than or equal to 9 ft2 per panel | | | |
| Note: *Any size panel may be painted in this booth.* | | | | | | | |
| (5)(A) | Is there a totally enclosed filtered spray booth or area? | | | | | | YES  NO |
| Intake area: ft2 | | | Flow rate: cfpm | | | Face velocity: fpm | |
| (6) | Is there a preparation area which is not totally enclosed? | | | | | | YES  NO |
| Note: *Only panels less than 9 ft2**per panel may be painted in this area.* | | | | | | | |
| Check one: | | | | | | | |
| Exhaust air is vented through a stack to atmosphere | | | | | | | |
| Exhaust air is re-circulated back into the shop through a carbon adsorption system | | | | | | | |
| (7) | What is the particulate control efficiency percent of the exhaust filter(s)? % | | | | | | |
| (8) | What type of high transfer efficiency coating equipment is used? | | | | | | |
| Check all that apply: | | | | | | | |
| Air-assisted Airless | | | | Airless | | | |
| Electrostatic | | | | High Volume Low Pressure (*HVLP)* | | | |
| Other: | | | | | | | |
| (9) | Is cleanup performed using non-enclosed cleaners? | | | | | | YES  NO |
| Note: *If multiple solvents are used please attached related documents giving the vapor pressure and name.* | | | | | | | |
| **Name:** | | | | **Vapor Pressure (mmHg):** | | | |
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| --- | --- | --- | --- | --- | --- | --- |
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| (10) | Are heaters used in the shop? | | | | YES | NO |
| Check all that apply: | | | | | | |
| Electric | | Liquefied Petroleum Gas (*LPG*) | Natural Gas | | | |
| Rating of largest non-electric heater: MMBtu/hr | | | | | | |
| (11) | Do exhaust stack(s) meet the height requirements in the rule? | | | | YES | NO |
| Note: *All heights measured in comparison to ground level at the shop building.*] | | | | | | |
| Shop Building Height: feet | | | | | | |
| Height of tallest building within 200 feet: feet | | | | | | |
| Stack height: feet | | | | | | |
| Highest ground elevation within 250 feet of the shop: feet | | | | | | |
| (12) | What is the distance from the exhaust stack(s) to the nearest offsite receptor (any residence, recreation area, church, school, child care facility, or medical or dental facility)? feet | | | | | |
| (13) | Is there a rain cap on any exhaust stack? | | | | YES | NO |
| Describe: | | | | | | |
| **List the VOC contents below of any coatings and solvents used:** | | | | | | |
| **Coating Category** | | **Limit (lb VOC per gallon)** | | **Actual (lb VOC per gallon)** | | |
| Primers or Primer Surfaces | | 5.0 | |  | | |
| Pre-coats | | 5.5 | |  | | |
| Pretreatments | | 6.5 | |  | | |
| Single-stage Topcoats | | 5.0 | |  | | |
| Basecoat/Clear Coat Systems | | 5.0 | |  | | |
| Three-stage System | | 5.2 | |  | | |
| Specialty Coating | | 7.0 | |  | | |
| Sealers | | 6.0 | |  | | |
| Wipe-down Solutions | | 1.4 | |  | | |

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| **Please Complete the Following:** | | | | |
| --- | --- | --- | --- | --- |
| **List below your estimated coatings and solvents usage rates:** | | | | |
| **Coating Category** | **Limit (gallons per month)** | **Estimated (gallons per month)** | | |
| Cleanup Solvents | 50 |  | | |
| Wipe Solvents | 50 |  | | |
| Pre-coats | 50 |  | | |
| Pretreatments | 50 |  | | |
| Sealers | 50 |  | | |
| Primers/Primer Surfaces | 175 |  | | |
| Topcoats | 320 |  | | |
| Specialty Coating | 50 |  | | |
| The facility will also be in compliance with 40 CFR Part 63, MACT HHHHHH Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources. | | | YES | NO |
| **Record Keeping:** The registrant should also become familiar with the additional record keeping requirements in [30 TAC § 106.8](http://texreg.sos.state.tx.us/public/readtac$ext.TacPage?sl=R&app=9&p_dir=&p_rloc=&p_tloc=&p_ploc=&pg=1&p_tac=&ti=30&pt=1&ch=106&rl=8). If you have any question about the type of records that should be maintained, contact the Air Program in the [TCEQ Regional Office](http://www.tceq.texas.gov/about/directory/region/reglist.html) for the region in which the site is located. | | | | |