

**Plain Language Summary for New Source Review (NSR) Renewal/Amendment  
Application for Air Permit Number 53418**

The following summary is provided for this pending air permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 Texas Administrative Code Chapter 39. The information provided in this summary may change during the technical review of the application and are not federal enforceable representations of the permit application.

Stewart & Stevenson Power Products LLC (S&S) (CN603146853) has submitted an application to renew and amend existing Permit No. 53418. The Abrasive Blasting, Surface Coating, and Oilfield Equipment Assembly/Testing facility (RN102874419) conducts blasting, coating, and equipment assembly and testing activities at 10750 Telge Road, Houston, Texas 77095 (Harris County).

This renewal/amendment will renew the air permit and authorize the use of new paints (and associated accelerators and thinners) and a second outdoor area for periodic equipment testing prior to the generator units being shipped offsite to customers (who own the equipment). S&S has listed in the application the pollutants and amounts that will be emitted for each facility. Below is the current amount allowed, the amount to be added or removed, and the total amount for each pollutant that is proposed to be emitted each year for the facility's operation.

<b>Pollutant</b>	<b>Permitted Emissions (tons per year)</b>	<b>Emissions Added/ Removed (tons per year)</b>	<b>Total Proposed Emissions (tons per year)</b>
NOx	17.6	2.9	20.5
CO	7.6	6.4	14.0
VOC	23.4	- 5.6	17.8
Exempt Solvent	22.0	- 15.5	6.5
SO <sub>2</sub>	0.05	0.02	0.07
PM	0.43	0.0	0.43
PM <sub>10</sub>	0.43	- 0.02	0.41
PM <sub>2.5</sub>	0.43	- 0.03	0.40
HAPs	< 10/25	< 10/25	

For the abrasive blasting activity, S&S uses fabric filters with an overall PM control efficiency of 99.9%. In addition, the site stores new abrasive blast media in bags, sacks, or bulk storage in enclosed building. Spent filters are placed in closed containers prior to removal from the site. Finally, spent or waste abrasive blast material is collected and stored in covered containers prior to removal from the site. The containers are kept closed at all times, except when adding additional spent or waste material.

For the enclosed surface coating (painting and curing) activity, S&S uses a booth filter with a capture efficiency of 99.84% for PM. The site also uses high solid content or low VOC content coatings, and/or 30 TAC 115.453-compliant coatings. In addition, the site uses high volume low pressure (HVLP) spray guns. The site also collects application equipment cleanup solvents, and limits solvent usage through a site-specific solvent management plan. The site also follows good housekeeping practices for cleaning up spills. Finally, the site stores coatings, solvents, and waste materials in closed containers until removal from site.

Although not owned and operated by S&S, the oilfield equipment tested at the site have minimal emissions because engines used are certified to EPA standards as nonroad engines under 40 CFR Parts 1039 and 1048. In addition, they only fire pipeline quality natural gas or retail grade diesel.