

## Plain Language Summary for New Source Review (NSR) Amendment Application for Air New Source Review Permit Number 55345

*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.*

*Techemet, LP (CN601690415) has submitted an application for an amendment to permit number 55345. The Techemet Genoa Red Bluff Road Site (RN103939427) will produce/manufacture Recycled Catalytic Materials at 6025 Genoa Red Bluff Road, Pasadena, Harris County.*

*This amendment will authorize the addition of silicon carbide catalyst milling and pre-oxidation facilities, the addition of platinum group metals purification facilities, and the modification of several existing permitted facilities. Techemet, LP 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 all the facilities.*

| <b>Pollutant</b>        | <b>Permitted Emissions<br/>(tons per year)</b> | <b>Emissions<br/>Added/Removed<br/>(tons per year)</b> | <b>Total Proposed<br/>Emissions<br/>(tons per year)</b> |
|-------------------------|--|--|---|
| NOx                     | 1.1448   | 0.5360   | 1.6808  |
| CO                      | 267.7470                                       | 27.1534  | 294.9004  |
| SO <sub>2</sub>         | 1.2130   | 0.5930   | 1.8060  |
| Total VOC               | 3.2766   | 0.0709   | 3.3475  |
| Total PM                | 4.6267   | - 0.1531   | 4.4736  |
| Total PM <sub>10</sub>  | 4.4419   | - 0.1533   | 4.2886  |
| Total PM <sub>2.5</sub> | 4.3310   | - 0.1533   | 4.1777  |
| Ammonia                 | 0.0000   | 0.3279   | 0.3279  |
| Chlorine                | 0.0000   | 0.1089   | 0.1089  |
| HCL                     | 0.0000   | 0.5127   | 0.5127  |

The new and/or modified facilities will be controlled by *baghouse filters, scrubbers, and building enclosures.*