

Plain Language Summary for New Source Review (NSR) Renewal Certification Application for Air New Source Review Permit Number 50209

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.

Alon USA, LP (CN600881783) has submitted an application for renewal of permit number 50209. The Big Spring Refinery (RN100250869) produces/manufactures petroleum products from crude oil refining at 200 Refinery Road, Big Spring, Howard County.

This renewal will authorize the continued operation of the Polymer Modified Asphalt (PMA) and Ground Tire Rubber (GTR) batch processes. These processes produce specialty grade asphalt products. Alon USA, LP has certified there will be no changes to the permit. The following permitted emission rates will remain the same.

Pollutant	Total Amount Allowed (Tons Per Year)
VOC	8.35
CO	10.08
NO _x	14.19
SO ₂	0.94
PM/PM ₁₀	1.35

The facilities being renewed will continue to be controlled as follows:

Source	FIN	Control
Process Vapor Combustor	37PMGTRFLR	Good combustion control, VOC DRE 98%, maintaining the temperature upper measurement point above the performance test minimum one hour average and utilizing fuel H2S content meeting EPA New Source Performance Standards.
GTR Fugitives	01GTRFUG	Implementation of an equipment leak detection and repair program equivalent to EPA Maximum Achievable Control Technology Standards, New Source Performance Standard and/or TCEQ 28M, as applicable.
PMA Fugitives	01PMAFUG	Implementation of an equipment leak detection and repair program equivalent to EPA Maximum Achievable Control Technology Standards, New Source Performance Standard and/or TCEQ 28M, as applicable.
Process Heater	37PMGTHTR	Good combustion control and utilizing fuel H2S content meeting EPA New Source Performance Standards.
Asphalt Tanks 3004, 3005, 3006	01PMASCB	Limiting short-term and annual throughput and controlling tank vapors with an absorption scrubber.
Asphalt Loading	37ASPRKLDG	Limiting short-term and annual throughput and maintaining product vapor pressures less than 0.5 psia.
GTR Polymer Silo: Storage and Loading	37GTSILFLT	Equipping polymer loading and operating ventilation system with filters designed and warranted to achieve a control efficiency of 99.9% or greater.