

Plain Language Summary for New Source Review (NSR) Renewal Certification Application for Air New Source Review Permit Number 21392

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 21392. 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 Diesel Hydrotreater (DHT) Unit. The DHT removes sulfur from refinery produced distillate to produce low-sulfur diesel. 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)
NO _x	45.80
CO	26.74
SO ₂	3.14
VOC	11.68
PM/PM ₁₀	2.62
NH ₃	0.01
H ₂ S	0.01

The facilities being renewed will continue to be controlled, as follow:

Source	FIN	Control
Process Heaters	80STABLRBL 80CHRGHTR	Good combustion control, installation of low-NO _x burners and utilizing fuel H ₂ S content meeting EPA New Source Performance Standards.
DHT Fugitives	80DHTFUG	Implementation of an equipment leak detection and repair program equivalent to EPA Maximum Achievable Control Technology Standards, New Source Performance Standard and/or TCEQ 28VHP, as applicable.
North Flare	14NEASTFLR	Good combustion control, VOC DRE 98%; the flare is designed to meet EPA New Source Design and Performance Standards.