

Plain Language Summary for New Source Review (NSR) Amendment
Application for Air New Source Review Permit Number 1567

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.

The Union Carbide Corporation (CN601688781) has submitted an application for an amendment to permit number 1567. The No. 1 Low Pressure Polyethylene Plant (LPP1) (RN102181526) will produce/manufacture polyethylene, catalyst precursor material, and catalyst at UCC Seadrift Operations, Seadrift, Calhoun County.

This amendment will authorize changes to NSR 1567 to increase the supplemental fuel which can be sent to the site's Large Flare (EPN 246). This increase is necessary to meet MON MACT heating value requirements for the flare. The Union Carbide Corporation has listed in the application the pollutants and amounts that will be emitted for the 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.

Pollutant	Permitted Emissions (tons per year)	Emissions Added/Removed (tons per year)	Total Proposed Emissions (tons per year)
VOC	183.73	7.96	191.69
NOx	21.75	20.82	42.57
CO	135.80	142.92	278.72
SO ₂	0.79	1.31	2.10
PM	7.15	0.00	7.15
PM10	0.56	0.00	0.56
PM2.5	0.56	0.00	0.56

The modified facilities will be controlled by a flare.