

**Plain Language Summary for New Source Review (NSR) Amendment  
Application for Air New Source Review Permit Number 7748**

*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.*

Ticona Polymer Inc. (TPI) (CN CN600124184) has submitted an application for an amendment to permit number 7748. The Bishop Facility (RN101625721) is a chemical manufacturing facility owned and operated by TPI at 5738 CR 4 Highway 77 South in Bishop Texas, Nueces County. The facility is located at the intersection of CR4 and Highway 77 South. The Bishop Facility consists of several chemical manufacturing units, one of which is the Methanol Oxidation Unit 4 (MO-4). This unit oxidizes methanol through a chemical reaction to produce formaldehyde.

The purpose of the permit amendment is to increase the hours of flare operation and to authorize increased flare emissions, pilot fuel emissions, and MSS emissions. TPI 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 MO-4 flare (EPN: 117T531).

<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>
VOC	18.50	35.19	53.69
PM	6.35	0.00	6.35
PM <sub>10</sub>	6.35	0.00	6.35
PM <sub>2.5</sub>	6.35	0.00	6.35
NO <sub>x</sub>	105.03	9.05	114.08
CO	44.46	59.71	104.17
SO <sub>2</sub>	0.17	0.17	0.34
Pb	0.00	0.00	0.00
Methanol	5.13	1.39	6.52
Formaldehyde	7.97	12.55	20.52
Dioxolane	0.03	-0.01	0.02
Trioxane	0.03	-0.01	0.02
Methoxy Methylal	0.02	-0.01	0.01
Methyl Formate	13.02	18.95	31.97
Methylal	3.15	-1.33	1.82
Benzene	0.03	-0.01	0.02
Non - C1/C2 Hydrocarbons	2.14	-1.98	0.16

The application does not include any new and/or modified facilities but request the increase of operating hours of MO-4 flare (EPN: 117T531). This flare controls emissions from vent streams of the MO-4 unit during MSS events.