

Acronyms (add to list as needed for your project)

bbl	barrel
CO ₂ e	Carbon dioxide equivalents
CO	Carbon monoxide
CTG	Combustion turbine generator
dscf	Dry standard cubic feet
EPN	Emission point number
EFR	External floating roof
gr	Grain
GHG	Greenhouse gases
hr	Hour
H ₂ S	Hydrogen sulfide
IFR	Internal floating roof
Pb	lead
MSS	Maintenance, startup, shutdown

MW	Megawatt
MWh	Megawatt hour
MMBtu	Million British thermal units
NO _x	Nitrogen oxides
O ₂	Oxygen
PM/PM ₁₀ /PM _{2.5}	Particulate matter, including PM equal to or less than 10 or 2.5 microns in diameter
ppm	Parts per million
lb	Pound
SCR	Selective catalytic reduction
SO ₂	Sulfur dioxide
H ₂ SO ₄	Sulfuric acid
tpy	Tons per year
VOC	Volatile organic compounds

Facility Information

Company Name	INEOS Styrolution America LLC
Facility Name	Texas City Chemical Plant
Project Description (only address units requiring federal review)	INEOS Styrolution America, LLC is installing three natural gas fired boilers.
Facility County	Galveston
Facility Contact (Name, Phone Number)	Mr. Rob Osterhold, (281) 474-1000
Your Contact Info (Name, Phone, Email)	Ms. Ruth Alvarez, (512) 239-5220, Ruth.Alvarez@tceq.texas.gov
Permit Numbers (this list should match your CND header)	148643, PSDTX1528, and GHGPSDTX175
Title V Permit Number (or not yet available)	O-2849
Permit Type (All Major & Minor permits)	Addition to existing site
Projected Second Public Notice Issuance Date	
Projected Final Issuance Date	Permit issued February 8, 2019
SIC Code	2865, 2869
NAICS Industry Code	325110, 325192, 325194, 325211
Facility Registry System Number (or not found)	Not found
Nearest Class I Area	Caney Creek, AR
Distance from Facility to Nearest Class I Area	Greater than 250 km

Pollutants triggering major NSR permitting with this action

PM _{2.5}	* BACT * LAER * MACT
CO ₂ e	* BACT * LAER * MACT

Please copy this page for each source type with pollutants triggering federal review

Source of emissions		Boilers			
<u>Process code for emission source listed above</u>		12.310			
Primary fuel fired (if applicable)		Natural gas			
Throughput with units (leave blank if confidential)		342.7 MMBtu/hr/boiler, 527.8 MMBtu/hr combined			
Source notes (optional)		3 Boilers			
Other applicable requirements -Can select multiple -List all applicable subchapters and subparts -Specify pollutants, if needed		* NSPS Db * NESHAP Click here to enter subpart. * MACT DDDDD * Ch. 115 or 117 Click here to enter subchapter.			
Pollutant (delete rows as necessary)	Test Method Blank = unspecified	Control Method (select more than one as needed)	Control Method Description	Other factors considered (health effects, etc.) Blank = none	Numeric Limit with units (required)
PM _{2.5}		*Pollution Prevention *Add On Control *No control			1.51 lb/hr/boiler and a cap of 10.29 tpy.
CO _{2e}		*Pollution Prevention *Add On Control *No control			273,225 combined tpy