Determining Which Federal Standards Apply to Oil and Gas Operations

The following table can be used to determine if there are any federal standards that apply to operations at your site. For additional information, please visit: www.tceq.texas.gov/permitting/air/nav/air_supportsys.html

Table 1: Federal Standards Potentially Applicable to Oil and Gas Handling and Production Facilities

Federal Standard NSPS	Title 40 CFR Part 60	Applicability
NSPS Subpart A	General Provisions (60.18)	This subpart contains requirements for control devices such as flares.
NSPS Subpart K	Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978	This subpart applies to storage vessels for petroleum liquids, which have a storage capacity greater than 40,000 gallons. This subpart does not apply to storage vessels for petroleum or condensate that is stored, processed, and/or treated at a drilling and production facility prior to custody transfer. Storage vessels that have a capacity greater than 40,000 gallons, but less than 65,000 gallons, and was constructed or modified after March 8, 1974 and prior to May 19, 1978 is subject. Storage vessels that have a capacity greater than 65,000 gallons and was constructed or modified after June 11, 1973 and prior to May 19, 1978 is subject.
NSPS Subpart Ka	Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After May 18, 1978 and Prior to July 23, 1984	This subpart applies to storage vessels for petroleum liquids, which has a storage capacity greater than 40,000 gallons that was constructed after May 18, 1978.
NSPS Subpart Kb	Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984	This subpart applies to storage vessels for petroleum liquids which has a storage capacity greater than 40,000 gallons that was constructed after July 23, 1984.

Federal Standard NSPS	Title 40 CFR Part 60	Applicability
NSPS Subpart GG	Standards of Performance for Stationary Gas Turbines	This subpart applies to all stationary gas turbines with a heat input at peak load equal to or greater than 10 MMBtu/hr, based on the lower heating value of the fuel.
NSPS Subpart KKK	Standards of Performance for Equipment Leaks of VOC From Onshore Natural Gas Processing Plants	This subpart applies to facilities involved in onshore natural gas processing plants.
NSPS Subpart LLL	Standards of Performance for Onshore Natural Gas Processing: SO2 Emissions	This subpart applies to facilities that process natural gas, including sweetening units and sweetening units that are followed by a sulfur recovery unit.
NSPS Subpart IIII	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	This subpart applies to manufacturers, owners, and operators of stationary compression ignition internal combustion engines (ICE).
NSPS Subpart JJJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines	This subpart applies to manufacturers, owners, and operators of stationary spark ignition (SI) internal combustion engines (ICE) based on the date the engine was constructed.
NSPS Subpart KKKK	Standards of Performance for Stationary Combustion Turbines	This subpart establishes emission standards and compliance schedules for the control of emissions from stationary combustion turbines that commenced construction, modification, or reconstruction after February 18, 2005.
NSPS Subpart OOOO	Standards of Performance for Hazardous Air Pollutants Reviews	This subpart proposes to establish standards for emission sources at oil and gas production facilities.
NESHAP	**40 CFR Part 61**	**Applicability**
NESHAP Subpart V	National Emission Standards for Equipment Leaks (Fugitive Emission Sources)	This subpart applies to each of the following sources that are intended to operate in volatile hazardous air pollutant (VHAP) service: pumps, compressors, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottoms receivers, and control devices.

MACT	40 CFR Part 63	Applicability
MACT Subpart H	National Emission Standards for Organic Hazardous Air Pollutants for Equipment Leaks	This subpart applies to pumps, compressors, agitators, pressure relief devices, sampling connection systems, open-ended valves or lines, valves, connectors, surge control vessels, bottom receivers, instrumentation systems, and control devices or closed vent systems that operate in hazardous air pollutant service 300 hours or more during the calendar year.
MACT Subpart HH	National Emission Standards for Hazardous Air Pollutants From Oil and Natural Gas Production Facilities	This subpart applies to oil and gas production facilities located at area sources and major sources of HAP emissions. For area sources of HAP emissions, the rule applies to triethylene glycol (TEG) dehydration units for which controls are required at certain trigger levels.
MACT Subpart VV	National Emission Standards for Oil-Water Separators and Organic-Water Separators	This subpart applies to the control of air emissions from oil-water separators and organic-water separators.
MACT Subpart HHH	National Emission Standards for Hazardous Air Pollutants From Natural Gas Transmission and Storage Facilities	This subpart applies to owners and operators of natural gas transmission and storage facilities that transport or store natural gas prior to entering the pipeline and that are major sources of hazardous air pollutants (HAP) emissions.
MACT Subpart YYYY	National Emission Standards for Hazardous Air Pollutants for Stationary Combustion Turbines	This subpart establishes national emission limitations and operating limitations for hazardous air pollutants (HAP) emissions from stationary combustion turbines located at a major source of HAP emissions.
MACT Subpart ZZZZ	National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	This subpart establishes national emission limitations and operating limitations for hazardous air pollutants (HAP) emissions from stationary reciprocating internal combustion engines located at major and area sources of HAP emissions.