

Table 4. Applicable fugitive emission/leak detection regulations by segment (oil & natural gas supply chain).

Source: ITRC Methane Team.

SEGMENT	Field Production					Processing	Transmission & Storage			Distribution	
	Drilling	Well Completion	Producing Wells	Gathering Lines	Gathering and Boosting Compressor Stations	Gas Processing Plant	Transmission Compressor Stations	Transmission Pipeline	Under-ground Storage	Distribution Mains/ Services	Regulators and Meters
NSPS 0000a (Federal, USEPA)			✓		✓	✓	✓				
NSPS 0000 (Federal, USEPA)						✓					
GHGRP-Subpart W (Federal, USEPA)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Waste Prevention and Resource Conservation Rule (Federal, BLM)			✓								
Transmission & Storage Pipeline Safety Rules (Federal, PHMSA)								✓	✓ (pending)	✓	✓
GHG Emission Standards for Oil and Gas (State, California ARB)			✓	✓	✓	✓	✓		✓		
Natural Gas Leak Abatement Rule (State, California PUC)								✓		✓	✓

SEGMENT	Field Production					Processing	Transmission & Storage			Distribution	
REGULATION	Drilling	Well Completion	Producing Wells	Gathering Lines	Gathering and Boosting Compressor Stations	Gas Processing Plant	Transmission Compressor Stations	Transmission Pipeline	Under-ground Storage	Distribution Mains/ Services	Regulators and Meters
Underground Gas Storage Requirements (State, California Division of Oil, Gas, and Geothermal Resources (DOGGR))									✓		
Gas Pipeline Requirements (Pending; State, California DOGGR)				✓ (pending)				✓ (pending)			
Regulation No. 7 (State, Colorado Department of Public Health & Environment (CDPHE))			✓		✓						
Flowline rule (State, Colorado COGCC)			✓	✓							
General Permit 5 (Proposed GP-5A) & Permit Exemption #38 (State, Pennsylvania DEP)			✓		✓	✓	✓				
General Permits 12.1, 12.2 & 18.1 (State, Ohio EPA)			✓		✓						

SEGMENT	Field Production					Processing	Transmission & Storage			Distribution	
REGULATION	Drilling	Well Completion	Producing Wells	Gathering Lines	Gathering and Boosting Compressor Stations	Gas Processing Plant	Transmission Compressor Stations	Transmission Pipeline	Under-ground Storage	Distribution Mains/ Services	Regulators and Meters
General Approval Order for Well Site and/or Tank Battery (State, Utah DEQ)			✓		✓						
Air Quality Standards & Regulations, Chapter 8 (State, Wyoming DEQ)			✓		✓						
VOC Leak Detection Rules (Local, California Air Districts)			✓	✓	✓						
City Regulation CD No. 2017-176 Sec. 18-870 (Local, City of Thornton, CO)			✓								
Upstream O&G Regulations (International – Canada Federal)			✓	✓	✓	✓	✓	✓	✓		
D-084, Upstream O&G Regulations (International – Alberta, Canada, Provincial, Peace River area)			✓		✓	✓	✓				

SEGMENT	Field Production					Processing	Transmission & Storage			Distribution	
REGULATION	Drilling	Well Completion	Producing Wells	Gathering Lines	Gathering and Boosting Compressor Stations	Gas Processing Plant	Transmission Compressor Stations	Transmission Pipeline	Under-ground Storage	Distribution Mains/ Services	Regulators and Meters
D-060, Upstream O&G Regulations (Pending; International-Alberta, Canada, Provincial			✓ (pending)	✓ (pending)	✓ (pending)	✓ (pending)					