

Environmental Protection Agency

§ 98.240

LNG import and export equipment	Emission factor (scf/hour/ component)
Pump Seal	4.00
Connector	0.34
Other ¹	1.77
Population Emission Factors—LNG Terminals Compressor, Gas Service	
Vapor Recovery Compressor ²	4.17

¹ "Other" equipment type should be applied for any equipment type other than connectors, pumps, or valves.
² Emission Factors is in units of "scf/hour/compressor."

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TABLE W-7 OF SUBPART W—DEFAULT METHANE EMISSION FACTORS FOR NATURAL GAS DISTRIBUTION

Natural gas distribution	Emission factor (scf/hour/ component)
Leaker Emission Factors—Transmission-Distribution Transfer Station ¹ Components, Gas Service	
Connector	1.69
Block Valve	0.557
Control Valve	9.34
Pressure Relief Valve	0.27
Orifice Meter	0.212
Regulator	0.772
Open-ended Line	26.131
Population Emission Factors—Below Grade Metering-Regulating station ¹ Components, Gas Service ²	
Below Grade M&R Station, Inlet Pressure > 300 psig	1.30
Below Grade M&R Station, Inlet Pressure 100 to 300 psig	0.20
Below Grade M&R Station, Inlet Pressure < 100 psig	0.10
Population Emission Factors—Distribution Mains, Gas Service ³	
Unprotected Steel	12.58
Protected Steel	0.35
Plastic	1.13
Cast Iron	27.25
Population Emission Factors—Distribution Services, Gas Service ⁴	
Unprotected Steel	0.19
Protected Steel	0.02
Plastic	0.001
Copper	0.03

¹ Excluding customer meters.
² Emission Factor is in units of "scf/hour/station."
³ Emission Factor is in units of "scf/hour/mile."
⁴ Emission Factor is in units of "scf/hour/number of services."

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Subpart X—Petrochemical Production

§ 98.240 Definition of the source category.

(a) The petrochemical production source category consists of all processes that produce acrylonitrile, carbon black, ethylene, ethylene dichloride, ethylene oxide, or methanol, ex-

cept as specified in paragraphs (b) through (g) of this section. The source category includes processes that produce the petrochemical as an intermediate in the on-site production of other chemicals as well as processes that produce the petrochemical as an end product for sale or shipment off site.

(b) A process that produces a petrochemical as a byproduct is not part of the petrochemical production source category.