

Onshore natural gas transmission compression	Emission factor (scf/hour/ component)
Intermittent Bleed Pneumatic Device Vents ²	2.35

¹ Valves include control valves, block valves and regulator valves.
² Emission Factor is in units of "scf/hour/device."

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TABLE W-4 OF SUBPART W—DEFAULT TOTAL HYDROCARBON EMISSION FACTORS FOR UNDERGROUND NATURAL GAS STORAGE

Underground natural gas storage	Emission factor (scf/hour/ component)
Leaker Emission Factors—Storage Station, Gas Service	
Valve ¹	14.84
Connector	5.59
Open-Ended Line	17.27
Pressure Relief Valve	39.66
Meter	19.33
Population Emission Factors—Storage Wellheads, Gas Service	
Connector	0.01
Valve	0.1
Pressure Relief Valve	0.17
Open Ended Line	0.03
Population Emission Factors—Other Components, Gas Service	
Low Continuous Bleed Pneumatic Device Vents ²	1.37
High Continuous Bleed Pneumatic Device Vents ²	18.20
Intermittent Bleed Pneumatic Device Vents ²	2.35

¹ Valves include control valves, block valves and regulator valves.
² Emission Factor is in units of "scf/hour/device."

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TABLE W-5 OF SUBPART W—DEFAULT METHANE EMISSION FACTORS FOR LIQUEFIED NATURAL GAS (LNG) STORAGE

LNG storage	Emission factor (scf/hour/ component)
Leaker Emission Factors—LNG Storage Components, LNG Service	
Valve	1.19
Pump Seal	4.00
Connector	0.34
Other ¹	1.77
Population Emission Factors—LNG Storage Compressor, Gas Service	
Vapor Recovery Compressor	4.17

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

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TABLE W-6 OF SUBPART W—DEFAULT METHANE EMISSION FACTORS FOR LNG IMPORT AND EXPORT EQUIPMENT

LNG import and export equipment	Emission factor (scf/hour/ component)
Leaker Emission Factors—LNG Terminals Components, LNG Service	
Valve	1.19