

123.2(g)	ASME B31.8S, Chapter 9, Table 9	
Criteria	No. of Events	Comments
External Corrosion		
Number of hydrostatic test failures caused by external corrosion	0	n/a
Number of repair actions taken due to in-line inspection results	41	n/a
Number of repair actions taken due to direct assessment results	4	n/a
Number of external corrosion leaks	13	n/a
Internal Corrosion		
Number of hydrostatic test failures caused by internal corrosion	0	n/a
Number of repair actions taken due to in-line inspection results	0	n/a
Number of repair actions taken due to direct assessment results	0	n/a
Number of internal corrosion leaks	1	n/a
Stress Corrosion Cracking		
Number of in-service leaks or failures due to SCC	0	n/a
Number of repair replacements due to SCC	2	n/a
Number of hydrostatic test failures due to SCC	0	n/a
Manufacturing		
Number of hydrostatic test failures caused by manufacturing defects	2	n/a
Number of leaks due to manufacturing defects	1	n/a
Construction		
Number of leaks or failures due to construction defects	14	n/a
Number of girth welds/couplings reinforced/removed	5	n/a
Number of wrinkle bends removed	0	n/a
Number of wrinkle bends inspected	0	n/a
Number of fabrication welds repaired/removed	0	n/a
Equipment		
Number of regulator valve failures	0	n/a
Number of relief valve failures	0	n/a
Number of gasket or O-ring failures	0	n/a
Number of leaks due to equipment failures	148	n/a
Third-party damage		
Number of leaks or failures due to third-party damage	6	n/a
Number of leaks or failures caused by previously damaged pipe	0	n/a
Number of leaks or failures caused by vandalism	2	n/a
Number of repairs implemented as a result of third-party damage prior to a leak or failure	1	n/a
Incorrect Operations		
Number of leaks or failures caused by incorrect operations	1	n/a
Number of audits/reviews conducted	29	n/a
Number of findings per audit/review, classified by severity	12	11 ranked low, 1 ranked medium
Number of changes to procedures due to audit/reviews	10	n/a
Weather related and outside forces		
Number of leaks that are weather related or due to outside force	1	n/a
Number of repair, replacement, or relocation actions due to weather-related or outside-force threats	29	n/a