

PS-95 Leaks by Cause

As of 2024-08-16

Leak Cause ↑	Leak Classification ↑	Record Count
Corrosion	Grade 1	1219
	Grade 2	1856
	Grade 3	1285
Subtotal		4360
Operator Personnel/Contractors Excavating	Grade 1	214
	Grade 2	28
	Grade 3	18
Subtotal		260
Other Third Party Excavators	Grade 1	4962
	Grade 2	234
	Grade 3	207
Subtotal		5403
Locator	Grade 1	8
Subtotal		8
Vehicle (Auto/Truck/etc.)	Grade 1	309
	Grade 2	13
	Grade 3	25
Subtotal		347
Lightning	Grade 1	11
	Grade 2	1
	Grade 3	1
Subtotal		13
Washout	Grade 1	11
	Grade 2	3
	Grade 3	19
Subtotal		33
Ground Movement	Grade 1	535
	Grade 2	445
	Grade 3	340
Subtotal		1320
Ice	Grade 3	4
Subtotal		4
Static Electricity	Grade 1	2
	Grade 3	1
Subtotal		3
Vandalism	Grade 1	42
	Grade 2	6

	Grade 3	11
Subtotal		59
Fire/Explosion First	Grade 1	13
	Grade 2	3
	Grade 3	3
Subtotal		19
Excessive Strain	Grade 1	540
	Grade 2	213
	Grade 3	200
Subtotal		953
Dent	Grade 1	32
	Grade 2	23
	Grade 3	4
Subtotal		59
Gouge	Grade 1	29
	Grade 2	23
	Grade 3	3
Subtotal		55
Factory Defect	Grade 1	197
	Grade 2	169
	Grade 3	296
Subtotal		662
Wrinkle Bend	Grade 2	1
	Grade 3	3
Subtotal		4
Weld (Steel)	Grade 1	24
	Grade 2	142
	Grade 3	64
Subtotal		230
Fusion Defect (Plastic)	Grade 1	140
	Grade 2	122
	Grade 3	41
Subtotal		303
Equipment Malfunction	Grade 1	727
	Grade 2	331
	Grade 3	3597
Subtotal		4655
Gasket/O-Ring	Grade 1	995
	Grade 2	1578
	Grade 3	1841
Subtotal		4414
Packing	Grade 1	1794

	Grade 2	923
	Grade 3	4583
Subtotal		7300
Inadequate/Failure to Follow Procedures	Grade 1	262
	Grade 2	235
	Grade 3	365
Subtotal		862
Stripped Threads	Grade 1	721
	Grade 2	2522
	Grade 3	2629
Subtotal		5872
Backfill	Grade 1	57
	Grade 2	26
	Grade 3	27
Subtotal		110
Other	Grade 1	23
	Grade 2	39
	Grade 3	51
Subtotal		113
Not Excavated	Grade 1	62
	Grade 2	53
	Grade 3	56
Subtotal		171
Total		37592