

PS-95 Leaks by Cause

As of 2024-03-12

Leak Cause ↑	Leak Classification ↑	Record Count
Corrosion	Grade 1	1289
	Grade 2	1707
	Grade 3	1042
Subtotal		4038
Operator Personnel/Contractors Excavating	Grade 1	269
	Grade 2	26
	Grade 3	93
Subtotal		388
Other Third Party Excavators	Grade 1	5914
	Grade 2	230
	Grade 3	280
Subtotal		6424
Locator	Grade 1	4
	Grade 2	1
	Grade 3	1
Subtotal		6
Vehicle (Auto/Truck/etc.)	Grade 1	305
	Grade 2	28
	Grade 3	30
Subtotal		363
Lightning	Grade 1	3
	Grade 2	2
	Grade 3	1
Subtotal		6
Washout	Grade 1	12
	Grade 3	11
Subtotal		23
Ground Movement	Grade 1	496
	Grade 2	436
	Grade 3	251
Subtotal		1183
Static Electricity	Grade 2	1
	Grade 3	1
Subtotal		2
Vandalism	Grade 1	52
	Grade 2	26

	Grade 3	9
Subtotal		87
Fire/Explosion First	Grade 1	14
	Grade 2	2
	Grade 3	4
Subtotal		20
Excessive Strain	Grade 1	609
	Grade 2	287
	Grade 3	368
Subtotal		1264
Dent	Grade 1	36
	Grade 2	10
	Grade 3	3
Subtotal		49
Gouge	Grade 1	29
	Grade 2	23
	Grade 3	2
Subtotal		54
Factory Defect	Grade 1	228
	Grade 2	97
	Grade 3	278
Subtotal		603
Wrinkle Bend	Grade 1	2
	Grade 2	1
	Grade 3	1
Subtotal		4
Weld (Steel)	Grade 1	23
	Grade 2	82
	Grade 3	50
Subtotal		155
Fusion Defect (Plastic)	Grade 1	174
	Grade 2	96
	Grade 3	92
Subtotal		362
Equipment Malfunction	Grade 1	1055
	Grade 2	288
	Grade 3	3362
Subtotal		4705
Gasket/O-Ring	Grade 1	961
	Grade 2	922
	Grade 3	1369
Subtotal		3252

Packing	Grade 1	2597
	Grade 2	684
	Grade 3	3376
Subtotal		6657
Inadequate/Failure to Follow Procedures	Grade 1	334
	Grade 2	213
	Grade 3	311
Subtotal		858
Stripped Threads	Grade 1	555
	Grade 2	1368
	Grade 3	1661
Subtotal		3584
Backfill	Grade 1	50
	Grade 2	39
	Grade 3	14
Subtotal		103
Other	Grade 1	24
	Grade 2	27
	Grade 3	56
Subtotal		107
Not Excavated	Grade 1	70
	Grade 2	45
	Grade 3	73
Subtotal		188
Total		34485