

Mandates/Recommendations and Miles for Gas Transmission

Parts Q & R data as-of 7-15-2013 All other Parts data as-of 7-1-2013

2011 Act § 23. Maximum Allowable Operating Pressure (Verification)

Verify records for gas transmission lines in class 3 and 4 areas (and any other HCA)

Complete Records not reported for 264,935 miles (86.3% total GT) outside of HCA in Classes 1 and 2

Records Incomplete for 5,402 miles – 12.0% of remaining miles in Classes 3 and 4 and any other HCA

2,497 miles in HCA

2,905 miles not in HCA

NTSB Recommendation P-11-14

Delete the grandfather clause and require hydrostatic pressure test for all pre-1970 pipe

Grandfather MAOP – 619(c)	22,717 miles	7.4% total GT
	21,132 miles outside of HCA in Class 1 and 2	
	853 miles in HCA and 732 miles outside HCA in Class 3	
Pressure Test < 1.1 or No Pressure Test	93,791 miles	31.2% total GT
	86,402 miles outside of HCA in Class 1 and 2	
	2,953 miles in HCA and 4,436 miles outside HCA in Class 3	

Expected miles Grandfathered and miles PT<1.1 to be the same, but PT<1.1 is over three times higher pre-1970

177,460 miles 58.7% total GT

NTSB Recommendation P-11-15

Manufacturing- and construction-related defects stable only for Pressure Test > 1.25 MAOP

Pressure Test < 1.25 MAOP 3,220 HCA 16.5% HCA miles

Expecting different solutions for:

Internal Inspection ABLE	1,483 HCA miles	7.8% HCA miles
Internal Inspection NOT ABLE	1,737 HCA miles	8.7% HCA miles

NTSB Recommendation P-11-17

Accommodate in-line inspection tools, with priority given to older pipelines

Internal Inspection NOT ABLE	119,010 miles	39.6% total GT
Diameter 8 inch and less	69,580 miles likely NOT ABLE due to size	
NOT ABLE due to pipeline configuration	49,430 miles	16.5% total GT

High/Unknown SMYS

20,270 miles operate over 72% SMYS or at unknown SMYS. Except for Special Permits, all of this pipe should be Grandfathered. Since over 22,700 are Grandfathered, all of these high/unknown-SMYS lines could be a subset of Grandfathered.

Public Access to 2012 GT Annual Report Data

as-of 7-1-2013 xls and DRAFT Data Dictionary available in docket for Integrity Verification Process (IVP)

<http://www.regulations.gov/#!docketDetail;D=PHMSA-2013-0119>

Monthly updates of the data planned to start on 8-5-2013

Grandfather and Incomplete Records Gas Transmission

Time run: 7/16/2013 7:44:34 AM

Portal Data as of 7/15/2013 9:34:04 PM

Geo Region: (All Column Values) Geo State: (All Column Values)

Inter/Intra: (All Column Values)

	Total Miles	% of Total Miles	HCA Miles	% of HCA Miles	non-HCA Miles	% of non-HCA Miles
Gas Transmission	306,985.01	100.0%	22,186.94	100.0%	284,798.07	100.0%
Grandfather MAOP – 619(c)	22,716.64	7.4%	852.90	3.8%	21,863.74	7.7%
Grandfather MAOP – 619(c) with Incomplete Records	319.04	0.1%	105.52	0.5%	213.52	0.1%
All MAOP Methods with Incomplete Records	5,402.22	1.8%	2,497.24	11.3%	2,904.98	1.0%

Grandfather and Incomplete Records Gas Transmission by Class Location

Time run: 7/16/2013 7:44:34 AM

Portal Data as of 7/15/2013 9:34:04 PM

Geo Region: (All Column Values) Geo State: (All Column Values)

Inter/Intra: (All Column Values)

		Total Miles	% of Total Miles	HCA Miles	% of HCA Miles	non-HCA Miles	% of non-HCA Miles
Click here to view detail reports	Class Location						
Gas Transmission	CLASS 1	237,967.59	77.5%	1,832.70	8.3%	236,134.89	82.9%
Gas Transmission	CLASS 2	30,327.43	9.9%	1,527.27	6.9%	28,800.16	10.1%
Gas Transmission	CLASS 3	37,618.53	12.3%	17,991.05	81.1%	19,627.48	6.9%
Gas Transmission	CLASS 4	1,071.46	0.3%	835.92	3.8%	235.55	0.1%
	Total	306,985.01	100.0%	22,186.94	100.0%	284,798.07	100.0%
Grandfather MAOP – 619(c)	CLASS 1	19,849.54	6.5%	69.02	0.3%	19,780.52	6.9%
Grandfather MAOP – 619(c)	CLASS 2	1,376.74	0.4%	25.39	0.1%	1,351.35	0.5%
Grandfather MAOP – 619(c)	CLASS 3	1,438.40	0.5%	706.55	3.2%	731.85	0.3%
Grandfather MAOP – 619(c)	CLASS 4	51.96	0.0%	51.94	0.2%	0.02	0.0%
	Total	22,716.64	7.4%	852.90	3.8%	21,863.74	7.7%
Grandfather MAOP – 619(c) with Incomplete Records	CLASS 1	9.38	0.0%	9.38	0.0%	0.00	0.0%
Grandfather MAOP – 619(c) with Incomplete Records	CLASS 2	1.63	0.0%	1.63	0.0%	0.00	0.0%
Grandfather MAOP – 619(c) with Incomplete Records	CLASS 3	307.99	0.1%	94.47	0.4%	213.52	0.1%
Grandfather MAOP – 619(c) with Incomplete Records	CLASS 4	0.04	0.0%	0.04	0.0%	0.00	0.0%
	Total	319.04	0.1%	105.52	0.5%	213.52	0.1%
All MAOP Methods with Incomplete Records	CLASS 1	174.01	0.1%	174.01	0.8%	0.00	0.0%
All MAOP Methods with Incomplete Records	CLASS 2	115.39	0.0%	115.39	0.5%	0.00	0.0%
All MAOP Methods with Incomplete Records	CLASS 3	5,002.94	1.6%	2,124.09	9.6%	2,878.85	1.0%
All MAOP Methods with Incomplete Records	CLASS 4	109.88	0.0%	83.75	0.4%	26.13	0.0%
	Total	5,402.22	1.8%	2,497.24	11.3%	2,904.98	1.0%

Gas Transmission Pressure Test and Internal Inspection Summary

Time run: 7/16/2013 11:40:36 AM

Portal- Data as of 7/15/2013 9:34:04 PM

Geo Region: (All Column Values) Geo State: (All Column Values)

Inter/Intra: (All Column Values)

	Miles	% of Total Miles	HCA Miles	% of HCA Miles	non-HCA Miles	% of non-HCA Miles
Pressure Test < 1.25 MAOP and Internal Inspection NOT ABLE	57,169.66	19.0%	1,737.45	8.8%	55,432.21	19.7%
Pressure Test < 1.25 MAOP and Internal Inspection ABLE	55,752.29	18.6%	1,482.61	7.5%	54,269.68	19.3%
Pressure Test < 1.1 or No Pressure Test and Internal Inspection NOT ABLE	50,787.32	16.9%	1,584.75	8.1%	49,202.57	17.5%
Pressure Test < 1.1 or No Pressure Test and Internal Inspection ABLE	43,003.48	14.3%	1,367.79	7.0%	41,635.70	14.8%

Gas Transmission Pressure Test and Internal Inspection by Class Location

Time run: 7/16/2013 11:40:36 AM

Portal- Data as of 7/15/2013 9:34:04 PM

Geo Region: (All Column Values) Geo State: (All Column Values)

Inter/Intra: (All Column Values)

		Miles	% of Total Miles	HCA Miles	% of HCA Miles	non-HCA Miles	% of non-HCA Miles
Click here to view detail reports	Class Location						
Pressure Test < 1.25 MAOP and Internal Inspection NOT ABLE	CLASS 1	45,783.12	15.2%	66.23	0.3%	45,716.89	16.3%
Pressure Test < 1.25 MAOP and Internal Inspection NOT ABLE	CLASS 2	6,088.27	2.0%	68.14	0.3%	6,020.12	2.1%
Pressure Test < 1.25 MAOP and Internal Inspection NOT ABLE	CLASS 3	5,134.78	1.7%	1,502.62	7.6%	3,632.16	1.3%
Pressure Test < 1.25 MAOP and Internal Inspection NOT ABLE	CLASS 4	163.50	0.1%	100.46	0.5%	63.04	0.0%
	Total	57,169.66	19.0%	1,737.45	8.8%	55,432.21	19.7%
Pressure Test < 1.25 MAOP and Internal Inspection ABLE	CLASS 1	50,484.01	16.8%	210.95	1.1%	50,273.06	17.9%
Pressure Test < 1.25 MAOP and Internal Inspection ABLE	CLASS 2	3,059.33	1.0%	106.36	0.5%	2,952.98	1.1%
Pressure Test < 1.25 MAOP and Internal Inspection ABLE	CLASS 3	2,204.70	0.7%	1,161.34	5.9%	1,043.36	0.4%
Pressure Test < 1.25 MAOP and Internal Inspection ABLE	CLASS 4	4.24	0.0%	3.96	0.0%	0.28	0.0%
	Total	55,752.29	18.6%	1,482.61	7.5%	54,269.68	19.3%
Pressure Test < 1.1 or No Pressure Test and Internal Inspection NOT ABLE	CLASS 1	40,167.48	13.4%	54.25	0.3%	40,113.23	14.3%
Pressure Test < 1.1 or No Pressure Test and Internal Inspection NOT ABLE	CLASS 2	5,664.51	1.9%	65.06	0.3%	5,599.45	2.0%
Pressure Test < 1.1 or No Pressure Test and Internal Inspection NOT ABLE	CLASS 3	4,832.72	1.6%	1,405.85	7.1%	3,426.87	1.2%
Pressure Test < 1.1 or No Pressure Test and Internal Inspection NOT ABLE	CLASS 4	122.61	0.0%	59.59	0.3%	63.02	0.0%
	Total	50,787.32	16.9%	1,584.75	8.1%	49,202.57	17.5%
Pressure Test < 1.1 or No Pressure Test and Internal Inspection ABLE	CLASS 1	38,242.59	12.7%	168.01	0.9%	38,074.58	13.6%
Pressure Test < 1.1 or No Pressure Test and Internal Inspection ABLE	CLASS 2	2,713.45	0.9%	98.42	0.5%	2,615.03	0.9%
Pressure Test < 1.1 or No Pressure Test and Internal Inspection ABLE	CLASS 3	2,043.20	0.7%	1,097.39	5.6%	945.81	0.3%
Pressure Test < 1.1 or No Pressure Test and Internal Inspection ABLE	CLASS 4	4.24	0.0%	3.96	0.0%	0.28	0.0%
	Total	43,003.48	14.3%	1,367.79	7.0%	41,635.70	14.8%

Gas Transmission Miles by Pressure Test (PT) Range and Internal Inspection

Time run: 7/16/2013 11:40:36 AM

Portal- Data as of 7/15/2013 9:34:04 PM

Geo Region: (All Column Values) Geo State: (All Column Values)

Inter/Intra: (All Column Values)

Class Location	1.25 MAOP > PT >= 1.1 MAOP	1.25 MAOP > PT >= 1.1 MAOP	PT < 1.1 or No PT	PT < 1.1 or No PT	PT >= 1.25 MAOP	PT >= 1.25 MAOP
	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE	Miles Internal Inspection ABLE	Miles Internal Inspection NOT ABLE
Class 1 in HCA	42.94	11.98	168.01	54.25	1,168.81	210.61
Class 2 in HCA	7.93	3.08	98.42	65.06	1,045.17	189.01
Class 3 in HCA	63.95	96.77	1,097.39	1,405.85	9,318.55	3,879.57
Class 4 in HCA		40.87	3.96	59.59	362.25	285.47
in HCA Total	114.83	152.70	1,367.79	1,584.75	11,894.77	4,564.66
Class 1 not in HCA	12,198.48	5,603.66	38,074.58	40,113.23	95,707.56	43,160.64
Class 2 not in HCA	337.94	420.68	2,615.03	5,599.45	12,122.41	7,884.96
Class 3 not in HCA	97.56	205.29	945.81	3,426.87	5,869.91	6,195.35
Class 4 not in HCA		0.02	0.28	63.02	111.48	34.62
not in HCA Total	12,633.98	6,229.64	41,635.70	49,202.57	113,811.35	57,275.57
Total	12,748.80	6,382.34	43,003.48	50,787.32	125,706.12	61,840.22
Miles						Miles
1.25 MAOP > PT >= 1.1 MAOP	19,131.14					181,458.41
PT < 1.1 or No PT	93,790.81					119,009.88
PT >= 1.25 MAOP	187,546.35					
Grand Total	300,468.29				Grand Total	300,468.29