

INSPECTION REPORT

Pressure Vessel Survey			
Location:	Point Tupper	EM&I J Report No.:	PT-D2105A-090317-BR-R1
Client Name:		Client Ref No.:	PT-11573617-001-D2105A
Client Rep.:		Inspector Name:	Barry Ritchie
WO No.:		Inspection Date:	March 17, 2009
SPO No.:		System:	Butane
Workscope No.:	PT-2008-VESSEL-EXT-04	EM&I J Job No:	EMJ0132.33
Tag No.:	D-2105A	Equipment Description:	Butane Storage Vessel D-2105A
Date of Last Inspection:	NA	Previous Records Seen:	NA
Drawing No.:	LA-B23-F-22-8060-01-Z4, 98-CA-399735-1C-5, 98-CA-399735-4C-0		

Inspection Summary					
Item	Condition				Comments
External Ladders, Access and Support Structure	Good	Fair	Poor	NA	
1. If applicable, check ladders, stairways, platforms and walkways that are connected to, or bearing on the vessel for signs of corrosion, missing components, or deterioration.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	As per report D-2015C
2. If applicable, check vessel supports for signs of deterioration, settlement, deflection, and/or corrosion.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See Photos #1,2,3,4
3. If applicable, check coatings for signs of deterioration, rusts spots, cracks, blistering, and/or coating disbondment.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Traped moisture between concrete support and vessel
4. a) For horizontally mounted vessels, check for signs of trapped moisture, resulting in corrosion between cradle support and vessel shell.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
b) For vertically mounted vessels on skirt support or support legs, check for condensation, resulting in corrosion on the bottom cap/ inside skirt support surface or area of attachment of the support legs to the bottom cap.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Check the grounding connection is correctly installed, with cable connections tight and ground wires in good condition.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Both in good condition
6. Check all bolted connections for any signs of corrosion or mechanical damage.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. If applicable, check the vessel sliding foot free to move and hold-down bolts are free.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Vessel External Surfaces	Good	Fair	Poor	NA	
1. Check permanent identifying tags on vessel are legible and present the required information.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See Photos #7,8,9
2. If applicable, check that all bolts/studs extend fully through their nuts, having a protrusion beyond the nut of not less than one thread; flange bolts have bolt heads all on the side of the joint.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. If applicable, check bolted connections are in full contact with connected elements and connections for any signs of rust, corrosion or mechanical damage.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. If applicable, check insulation support bands and clips for signs of corrosion or breakage.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Check all welded seams and connections for any signs of deterioration, corrosion, cracking, pitting or other sign of failure. Specify.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6) If applicable, check insulation type, condition for any insulation damage and ingress of water. Record insulation type.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Carry out visual inspection of the exterior surface of the vessel, including coatings for any signs of leaks, cracks, deformation, distortion, pitting, corrosion or other forms of deterioration. If so, specify type, location and extent.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See Photos #17-20
8. If applicable, check weep holes in reinforcement plates are not plugged.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
External Piping / Instrument Attachments	Good	Fair	Poor	NA	
1. If applicable, check vessel trim, such as gauges, sight glasses, valves and other appurtenances, show signs of deterioration, or missing components, etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. If applicable, check if the PSV on the vessel is in calibration. Record tag number of PSV and calibration date.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Inspect fittings, nozzles and other connections, including the surrounding vessel shell / head for any signs of distortion or cracks, wall loss, leakage, deterioration of	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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Inspection Summary

Item	Condition				Comments
coatings, etc. Specify extent and location.					
Vessel Internal Surfaces	Good	Fair	Poor	NA	External Only
1. Check for signs of corrosion, erosion, cracks, blisters, pitting, distortion, or other forms of deterioration on the internal vessel surfaces. If any, specify type, location and extent.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. Check all welded joints for any signs of deterioration, corrosion, cracking, pitting or other sign of failure. Specify.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. Check all man-ways, nozzles and connections for distortion, cracks, corrosion, wall loss and other type of defects or failures. If any defects are noted, specify type, extent and location.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
4. If applicable, compare the results of performed wall thickness survey with previous reports for areas of wall thickness loss. Identify areas on inspection report.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
5. Where applicable, check vessel internal cladding for signs of bulging, buckling, cracks, holes, etc. If any, specify type, location and extent.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
6. Where applicable, check the vessel internal coating for signs of deterioration, such as: rust spots, blisters, coating disbandment, etc. If any, specify type, location and extent.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. If possible, check gasket seals on all flanges for signs of corrosion and/or mechanical damage.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Internal Equipment/Piping /Supports	Good	Fair	Poor	NA	
1. Where applicable, check supports for vessel's internal equipment and components for signs of corrosion, distortion and deterioration.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
2. If applicable, check vessel's internals for signs of corrosion, distortion and deterioration, missing components etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
3. If applicable, check if bolted connections are in full contact with connected elements and connections are free from rust or other deleterious material that may prohibit full contact.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Detail of Findings

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings

UT thickness readings were taken on areas where coating breakdown was noted. No areas of concern

ID Tag:

Certified By: Patterson Industries Limited

MAWP: 1275/-62 KPAG @ 65C

MDMT: -27C @ 1275/-62 KPAG

Serial No.: 98CA9735C1

Year Built: 1998

CRN: 9095.8

MAWP: 185/-9 PSIG @ 149F

MDMT: -16.6F @ 185/-9 PSIG

Serial No.: 98CA9735C1

Year Built: 1998

CRN: 9095.8

PSV Tag:

L&S Job: 09-1654-4

Date: January 14, 2009

Set Pressure: 1274 KPA

Capacity: 24890 SCFM

Model: JPVM 15A

Detail of Findings

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings



Photo 1 – Photo taken of the North face of North vessel support, in good condition with small patches of coating breakdown



Photo 2 – South face of North vessel support, in generally good condition, with patches of coating breakdown along flange connection to concrete



Photo 3 – South vessel support North face, in good condition with light patches of coating breakdown along flange connection to concrete. Photo taken facing North



Photo 4 –South vessel support South face, in good condition with very light patches of coating breakdown running along the bottom of the flange. Photo taken facing North

INSPECTION REPORT

Detail of Findings

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings



Photo 5 – Earth strap connection to North vessel supporting, in good condition



Photo 6 – Earth strap connection to South vessel support, in good condition



Photo 7 – Showing ID tags



Photo 8 – Showing ID tags

Detail of Findings

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings



Photo 9 – Showing ID tags



Photo 10 – Nozzle N6, in good condition. Studs and nuts CAT III



Photo 11 – Nozzles N3B & N4B, showing light corrosion and coating breakdown. Studs and nuts CAT III



Photo 12 – Nozzle N2, showing light corrosion and coating breakdown. Studs and nuts CAT III

Detail of Findings

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings



Photo 13 – Nozzle N5, showing coating breakdown and light corrosion. Studs and nuts CAT III



Photo 14 – Manhole, showing moderate coating breakdown. Studs and nuts CAT III



Photo 15 – Nozzle N1D with insulation



Photo 16 – General photo of dome, South end of vessel

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Detail of Findings

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings



Photo 17 – General photo taken of East side shell of vessel. Photo taken facing North



Photo 18 – North dome East side, water staining coming from light coating breakdown at vessel walkway support. Photo taken facing West



Photo 19 – General photo taken of North dome end



Photo 20 – General photo of West side shell, in good condition. Photo taken facing South

Detail of Findings

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings



Photo 21 – Nozzles N3A , N4A , N8 & N1, very light corrosion and coating breakdown. Studs and nuts CAT III



Photo 22 – Nozzle N9 light coating breakdown. Studs and nuts CAT III



Photo 23 – General photo taken of upper East side shell. Photo taken facing North



Photo 24 – Isolated patches of coating breakdown on upper South-East side of vessel. Photo taken from walkway at South end of vessel facing West. The largest patch being approximately 90mm by 90mm

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Detail of Findings

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings



Photo 25 – General photo taken of the top of the vessel.
Photo taken facing North



Photo 26 – General photo taken showing top upper West
side shell. Photo taken facing South



Photo 27 – Nozzle N7 with light coating breakdown.
Studs and nuts CAT III



Photo 28 – PSV calibration tag

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Detail of Findings

Instructions: With the aid of Drawing(s), Sketch(es) and Photo(s) describe findings



Photo 29 – General photo showing top East side shell.
Photo taken facing South



Photo 30 – General view along top section of vessel.
Photo taken facing South

List of Attachments

- Attachment 1: PT-D2105A-090314-VE-UT (Page 1 to 2)
- Attachment 2: PT-D2105A-090522-MR-UT (Page 1 to 5)
- Attachment 3: 98-CA-399735-1C-5

End of Report

INSPECTION REPORT



Ultrasonic Inspection Survey for Vessel Inspection

Location:	Point Tupper	EM&I J Report No.:	PT-D2105A-090314-VR-UT
Client Name:	Exxon Mobil Sable	Client Ref No.:	PT-11573617-001-D2105A
Client Rep.:	Dale Groves	Inspector Name:	Victor Ritchie
WO No.:	11573617	Inspection Date:	March 14, 2009
SPO No.:	4501869140	Inspection Time:	Various
Workscope No.:	PT-2008-VESSEL-EXT-04	System:	Butane
Previous Report No.	NA	EM&I J Job No:	EMJ0132.33
Ref. Drawing No.:	LA-B23-F-22-8060-01-Z4, 98-CA-399735-1C-5, 98-CA-399735-4C-0		
Technician Certifications:	PCN UT 2	Certification Expiry Date:	January 29, 2014
Inspection Code:	NA	Inspection Procedure:	EM&I
Item Inspected:	D-2105A	Material (Incl. Vol.):	CS
Surface Condition:	As coated	Surface Temp:	Ambient
Instrument	Type: Epoch LTC	Equipment S/N: 090100701	Cal Due Date: January 24, 2010
Instrument Settings	Reference Level: 80fsh	Gain: 50db	Reject Settings: NA
Search Unit Cables	Type:	Length: 5'	Transfer Value:
Calibration Block:	Step wedge 2.5-12.5mm	Calibration Block S/N:	CB2
Simulation Block:	NA	Couplant:	Ultragel
Computerized Program:	NA		
Transducer Mfg:	Type:	Model No.:	Angle:
Panametrics	dual element	D790SM	0

Inspection Summary

Restricted Access?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Comments:
<p>Comments:</p> <p>UT measurments were taken using side wall echo technique and readings were recorded. This does not constitute a UT survey. See below for locations and readings. All readings are in millimeters.</p>			

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Inspection Summary

Item Identification	Test Point	Diameter (inches)	Nominal Wall Thickness (mm)	Minimum Wall Thickness (mm)	Average Wall Thickness (mm)
Shell Bottom	TP1	132"	20.6	21.4	N/A
Shell Bottom	TP2	132"	20.6	21.8	N/A
Shell Bottom	TP3	132"	20.6	21.4	N/A
Shell Bottom	TP4	132"	20.6	21.8	N/A
Shell Bottom	TP5	132"	20.6	21.4	N/A
Shell Bottom	TP6	132"	20.6	21.6	N/A
Shell Bottom	TP7	132"	20.6	21.9	N/A
Shell Bottom	TP8	132"	20.6	21.6	N/A
Shell Bottom	TP9	132"	20.6	21.4	N/A
Shell Bottom	TP10	132"	20.6	21.5	N/A
Shell Bottom	TP11	132"	20.6	21.4	N/A
Shell Bottom	TP12	132"	20.6	21.6	N/A
Shell Bottom	TP13	132"	20.6	21.5	N/A
Shell Bottom	TP14	132"	20.6	21.4	N/A
Shell Bottom	TP15	132"	20.6	21.6	N/A
Shell Bottom	TP16	132"	20.6	21.6	N/A
Shell Bottom	TP17	132"	20.6	21.5	N/A
Shell Bottom	TP18	132"	20.6	21.8	N/A
Shell Bottom	TP19	132"	20.6	21.9	N/A
Shell Bottom	TP20	132"	20.6	22.0	N/A
Shell Bottom	TP21	132"	20.6	22.0	N/A
Shell Bottom	TP22	132"	20.6	22.0	N/A
Shell Bottom	TP23	132"	20.6	22.0	N/A
Shell Bottom	TP24	132"	20.6	22.0	N/A
Shell Bottom	TP25	132"	20.6	22.0	N/A
Shell Bottom	TP26	132"	20.6	21.9	N/A
Shell Bottom	TP27	132"	20.6	22.1	N/A
Shell Bottom	TP28	132"	20.6	22.0	N/A
Shell Bottom	TP28	132"	20.6	21.7	N/A
Shell Bottom	TP29	132"	20.6	21.6	N/A
Shell Bottom	TP30	132"	20.6	21.7	N/A
Shell Bottom	TP32	132"	20.6	21.5	N/A
Shell Bottom	TP33	132"	20.6	21.2	N/A
Shell Bottom	TP34	132"	20.6	22.1	N/A
Shell Bottom	TP35	132"	20.6	21.6	N/A
Shell Bottom	TP36	132"	20.6	21.9	N/A

End of Report

INSPECTION REPORT



Ultrasonic Inspection Survey for Vessel Inspection

Location:	Point Tupper	EM&I J Report No.:	PT-D2105A-090522-MR-UT
Client Name:	Exxon Mobil Sable	Client Ref No.:	PT-11573617-001-D2105A
Client Rep.:	Dale Groves	Inspector Name:	Michael Rotondella
WO No.:	11573617	Inspection Date:	May 22, 2009
SPO No.:	4501869140	Inspection Time:	Various
Workscope No.:	PT-2008-VESSEL-EXT-04	System:	Butane
Previous Report No.	NA	EM&I J Job No:	EMJ0132.33
Ref. Drawing No.:	LA-B23-F-22-8060-01-Z4, 98-CA-399735-1C-5, 98-CA-399735-4C-0		
Technician Certifications:	PCN UT 2 3.1, 3.2, 3.8, 3.9	Certification Expiry Date:	October 24, 2010
Inspection Code:	NA	Inspection Procedure:	EM&I
Item Inspected:	D2105A	Material (Incl. Vol.):	C/S
Surface Condition:	As coated	Surface Temp:	Ambient
Instrument	Type: Epoch LTC	Equipment S/N: 090108403	Cal Due Date: March 11, 2010
Instrument Settings	Reference Level: 80fsh	Gain: 60db	Reject Settings: NA
Search Unit Cables	Type:	Length: 5'	Transfer Value:
Calibration Block:	Step wedge 2.5-12.5mm	Calibration Block S/N:	09-1652
Simulation Block:	NA	Couplant:	Ultragel II
Computerized Program:	NA		
Transducer Mfg:	Type:	Model No.:	Angle:
Panametrics	Dual Element	D790SM	0

Inspection Summary

Restricted Access?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Comments: Rope Access Required
<p>Comments:</p> <p>UT spot readings were taken and the readings were recorded. See below and Attachment 3 for locations and readings. All readings are in millimeters.</p> <p>Readings on North head were taken facing South and South head readings were taken facing North.</p>			

INSPECTION REPORT

Inspection Summary

Item Identification	Test Point	Diameter (inches)	Nominal Wall Thickness (mm)	Minimum Wall Thickness (mm)	Average Wall Thickness (mm)
D2105A Bottom Shell	Plate 1	132"	20.6	20.5	N/A
D2105A Bottom Shell	Plate 2	132"	20.6	20.5	N/A
D2105A Bottom Shell	Plate 3	132"	20.6	20.5	N/A
D2105A Bottom Shell	Plate 4	132"	20.6	20.7	N/A
D2105A Bottom Shell	Plate 5	132"	20.6	20.6	N/A
D2105A Bottom Shell	Plate 6	132"	20.6	20.7	N/A
D2105A Bottom Shell	Plate 7	132"	20.6	20.6	N/A
D2105A Bottom Shell	Plate 8	132"	20.6	20.9	N/A
D2105A Bottom Shell	Plate 9	132"	20.6	20.8	N/A
D2105A Bottom Shell	Plate 10	132"	20.6	20.6	N/A
D2105A Bottom Shell	Plate 11	132"	20.6	20.7	N/A
D2105A Bottom Shell	Plate 12	132"	20.6	21.0	N/A
D2105A Top Shell	Plate 1	132"	20.6	20.6	N/A
D2105A Top Shell	Plate 2	132"	20.6	20.7	N/A
D2105A Top Shell	Plate 3	132"	20.6	20.7	N/A
D2105A Top Shell	Plate 4	132"	20.6	20.8	N/A
D2105A Top Shell	Plate 5	132"	20.6	20.7	N/A
D2105A Top Shell	Plate 6	132"	20.6	20.7	N/A
D2105A Top Shell	Plate 7	132"	20.6	20.7	N/A
D2105A Top Shell	Plate 8	132"	20.6	20.9	N/A
D2105A Top Shell	Plate 9	132"	20.6	20.7	N/A
D2105A Top Shell	Plate 10	132"	20.6	20.6	N/A
D2105A Top Shell	Plate 11	132"	20.6	20.6	N/A
D2105A Top Shell	Plate 12	132"	20.6	20.7	N/A
D2105A North Head	12 O'clock	132"	19.8	21.9	N/A
D2105A North Head	3 O'clock	132"	19.8	21.9	N/A
D2105A North Head	6 O'clock	132"	19.8	21.9	N/A
D2105A North Head	9 O'clock	132"	19.8	22.1	N/A
D2105A North Head	Centre	132"	19.8	21.6	N/A
D2105A South Head	12 O'clock	132"	19.8	21.7	N/A
D2105A South Head	3 O'clock	132"	19.8	21.8	N/A
D2105A South Head	6 O'clock	132"	19.8	21.5	N/A
D2105A South Head	9 O'clock	132"	19.8	21.7	N/A
D2105A South Head	Centre	132"	19.8	21.4	N/A

INSPECTION REPORT



Inspection Summary

Item Identification	Test Point	Diameter (inches)	Nominal Wall Thickness (mm)	Minimum Wall Thickness (mm)	Average Wall Thickness (mm)
D2105A East Shell	Plate 1	132"	20.6	20.8	N/A
D2105A East Shell	Plate 2	132"	20.6	20.8	N/A
D2105A East Shell	Plate 3	132"	20.6	20.7	N/A
D2105A East Shell	Plate 4	132"	20.6	20.8	N/A
D2105A East Shell	Plate 5	132"	20.6	20.7	N/A
D2105A East Shell	Plate 6	132"	20.6	20.7	N/A
D2105A East Shell	Plate 7	132"	20.6	20.7	N/A
D2105A East Shell	Plate 8	132"	20.6	20.7	N/A
D2105A East Shell	Plate 9	132"	20.6	20.7	N/A
D2105A East Shell	Plate 10	132"	20.6	20.7	N/A
D2105A East Shell	Plate 11	132"	20.6	20.7	N/A
D2105A East Shell	Plate 12	132"	20.6	20.8	N/A
D2105A West Shell	Plate 1	132"	20.6	20.7	N/A
D2105A West Shell	Plate 2	132"	20.6	20.7	N/A
D2105A West Shell	Plate 3	132"	20.6	20.8	N/A
D2105A West Shell	Plate 4	132"	20.6	20.7	N/A
D2105A West Shell	Plate 5	132"	20.6	20.7	N/A
D2105A West Shell	Plate 6	132"	20.6	20.8	N/A
D2105A West Shell	Plate 7	132"	20.6	20.7	N/A
D2105A West Shell	Plate 8	132"	20.6	20.7	N/A
D2105A West Shell	Plate 9	132"	20.6	20.7	N/A
D2105A West Shell	Plate 10	132"	20.6	20.8	N/A
D2105A West Shell	Plate 11	132"	20.6	20.8	N/A
D2105A West Shell	Plate 12	132"	20.6	20.7	N/A
D2105A N1	North	4"	33.15	33.2	N/A
D2105A N1	East	4"	33.15	33.0	N/A
D2105A N1	South	4"	33.15	32.9	N/A
D2105A N1	West	4'	33.15	33.1	N/A
D2105A N2	North	8"	22.22	24.0	N/A
D2105A N2	East	8"	22.22	24.0	N/A
D2105A N2	South	8"	22.22	23.8	N/A
D2105A N2	West	8"	22.22	24.0	N/A
D2105A N3A	North	3"	31.43	31.5	N/A
D2105A N3A	East	3"	31.43	31.7	N/A
D2105A N3A	South	3"	31.43	31.6	N/A
D2105A N3A	West	3"	31.43	31.5	N/A

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Inspection Summary

Item Identification	Test Point	Diameter (inches)	Nominal Wall Thickness (mm)	Minimum Wall Thickness (mm)	Average Wall Thickness (mm)
D2105A N3B	North	3"	31.43	31.9	N/A
D2105A N3B	East	3"	31.43	31.9	N/A
D2105A N3B	South	3"	31.43	31.9	N/A
D2105A N3B	West	3"	31.43	32.0	N/A
D2105A N4A	North	2"	16.67	17.3	N/A
D2105A N4A	East	2"	16.67	17.2	N/A
D2105A N4A	South	2"	16.67	17.3	N/A
D2105A N4A	West	2"	16.67	17.2	N/A
D2105A N4B	North	2"	16.67	17.4	N/A
D2105A N4B	East	2"	16.67	17.3	N/A
D2105A N4B	South	2"	16.67	17.4	N/A
D2105A N4B	West	2"	16.67	17.4	N/A
D2105A N5	North	3"	31.43	31.4	N/A
D2105A N5	East	3"	31.43	31.5	N/A
D2105A N5	South	3"	31.43	31.4	N/A
D2105A N5	West	3"	31.43	31.4	N/A
D2105A N6	North	2"	25.40	25.4	N/A
D2105A N6	East	2"	25.40	25.4	N/A
D2105A N6	South	2"	25.40	25.4	N/A
D2105A N6	West	2"	25.40	25.3	N/A
D2105A N7	North	4"	33.15	32.9	N/A
D2105A N7	East	4"	33.15	32.9	N/A
D2105A N7	South	4"	33.15	33.1	N/A
D2105A N7	West	4"	33.15	33.0	N/A
D2105A N8	North	6"	31.61	31.9	N/A
D2105A N8	East	6"	31.61	31.9	N/A
D2105A N8	South	6"	31.61	31.9	N/A
D2105A N8	West	6"	31.61	32.0	N/A
D2105A N9	North	2"	16.67	17.1	N/A
D2105A N9	East	2"	16.67	17.2	N/A
D2105A N9	South	2"	16.67	17.1	N/A
D2105A N9	West	2"	16.67	17.3	N/A
D2105A N10	North	3"	31.43	32.0	N/A
D2105A N10	East	3"	31.43	32.0	N/A
D2105A N10	South	3"	31.43	32.1	N/A
D2105A N10	West	3"	31.43	31.9	N/A

INSPECTION REPORT



Inspection Summary

Item Identification	Test Point	Diameter (inches)	Nominal Wall Thickness (mm)	Minimum Wall Thickness (mm)	Average Wall Thickness (mm)
D2105A M	North	24"	127	128	N/A
D2105A M	East	24"	127	128	N/A
D2105A M	South	24"	127	127	N/A
D2105A M	West	24"	127	128	N/A

End of Report

D2105 A

