

		Dispatch: 780.539.0000 11233 91 ave Grande Prairie, AB Admin Ph: 780.832.0561			Ultrasonic Thickness Report Reference # 41196					
Client: Fuelled Energy Marketing Location: Surplus					Date:	24/Oct/23	Job #:			
					PO / AFE #:			Req #:		
Technician 1 Name: Kyle Gawryluk Cert. # 12418					Certification:	SNT-TC-1A Level 1				
Technician 2 Name:					Certification:					
Acceptance Code: ASME Sec VIII, Div. 1					Procedure, Rev., Tech #:	UT-3, Rev. 1 Tech. 1				
Instrument Model: Epoch 650		Serial#:	170436707			Transducer: Pamtr 5.0MHz 0 deg.	Serial #: 1363431			
Cable Type: BNC to microdot		Length:	0.5 m			Cal. Block: .100"-.500" Step Block	Serial #: 3			
Surface Condition: Painted						Material: Carbon Steel	Ref. DB: Autogain			
Type of Scanning: Manual						Couplant: UTX	Other:			
Job Scope:		To perform ultrasonic thickness measurements on flare knock out drum. A#605420								
Ref #	Area Description	Location	Diameter (Inches)	Nominal Thickness (Inches)	Corrosion Allowance (Inches)	Flag Thickness (Inches)	Minimum Thickness (Inches)	Average Thickness (Inches)	Comments	
5	Circ Band	360 Degrees	3"	0.300"	0.0625"	0.2375"	0.298"	0.310"		
10	Circ Band	360 Degrees	4"	0.337"	0.0625"	0.2745"	0.320"	0.335"		
15	Circ Band	360 Degrees	3"	0.300"	0.0625"	0.2375"	0.299"	0.310"		
20	Circ Band	360 Degrees	4"	0.337"	0.0625"	0.2745"	0.322"	0.335"		
25	Circ Band	360 Degrees	3"	0.300"	0.0625"	0.2375"	0.300"	0.310"		
30	90 Elbow	Along Apex	3"	0.300"	12.50%	0.2625"	0.299"	0.310"		
35	Circ Band	360 Degrees	4"	0.337"	0.0625"	0.2745"	0.325"	0.335"		
40	Circ Band	360 Degrees	4"	0.337"	0.0625"	0.2745"	0.335"	0.345"		
45	Circ Band	360 Degrees	3"	0.300"	0.0625"	0.2375"	0.300"	0.310"		
50	90 Elbow	Along Apex	3"	0.300"	12.50%	0.2625"	0.300"	0.315"		
55	Circ Band	360 Degrees	3"	0.300"	0.0625"	0.2375"	0.297"	0.310"		
60	90 Elbow	Along Apex	3"	0.300"	12.50%	0.2625"	0.304"	0.315"		
65	Circ Band	360 Degrees	3"	0.300"	0.0625"	0.2375"	0.298"	0.310"		
70	Circ Band	360 Degrees	12"	0.375"	0.0625"	0.3125"	0.369"	0.375"		
75	Vertical Band	Lower Head	72"	0.313"	0.0625"	0.250"	0.340"	0.350"		
80	Vertical Band	Lower Shell	72"	0.375"	0.0625"	0.3125"	0.378"	0.390"		

*This unit is in good to excellent condition with no visual signs of wear or damage at the time of inspection

Technician signature: 

Level 3 Signoff: Joel Norman _____

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Cable Type: BNC to microdot		Length: 0.5 m		Cal. Block: .100" -.500" Step Block		Serial #: 3			
Surface Condition: Painted				Material: Carbon Steel		Ref. DB: Autogain			
Type of Scanning: Manual				Couplant: UTX		Other:			
Job Scope:		<i>To perform ultrasonic thickness measurements on flare knock out drum. A#605420</i>							
Ref #	Area Description	Location	Diameter (Inches)	Nominal Thickness (Inches)	Corrosion Allowance (Inches)	Flag Thickness (Inches)	Minimum Thickness (Inches)	Average Thickness (Inches)	Comments
85	Vertical Band	Mid Shell	72"	0.375"	0.0625"	0.3125"	0.376"	0.390"	
90	Vertical Band	Upper Shell	72"	0.375"	0.0625"	0.3125"	0.375"	0.390"	
95	Horizontal Band	Bottom Shell	72"	0.375"	0.0625"	0.3125"	0.377"	0.390"	
100	Vertical Band	Lower Head	72"	0.313"	0.0625"	0.250"	0.335"	0.350"	

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<p>Tech 1 Name: Kyle Gawryluk Cert. # 12418</p>		<p>Certification: SNT-TC-1A Level 1</p>		
<p>Tech 2 Name:</p>		<p>Certification:</p>		
<p>Acceptance Code: ASME VIII Div1</p>		<p>Report Reference:</p>		
<p>JOB SCOPE: To perform ultrasonic thickness measurements on flare knock out drum. A#605420</p>				
<p>IMAGE REFERENCE</p>				
				
<p>Overview</p>		<p>Cladding</p>		

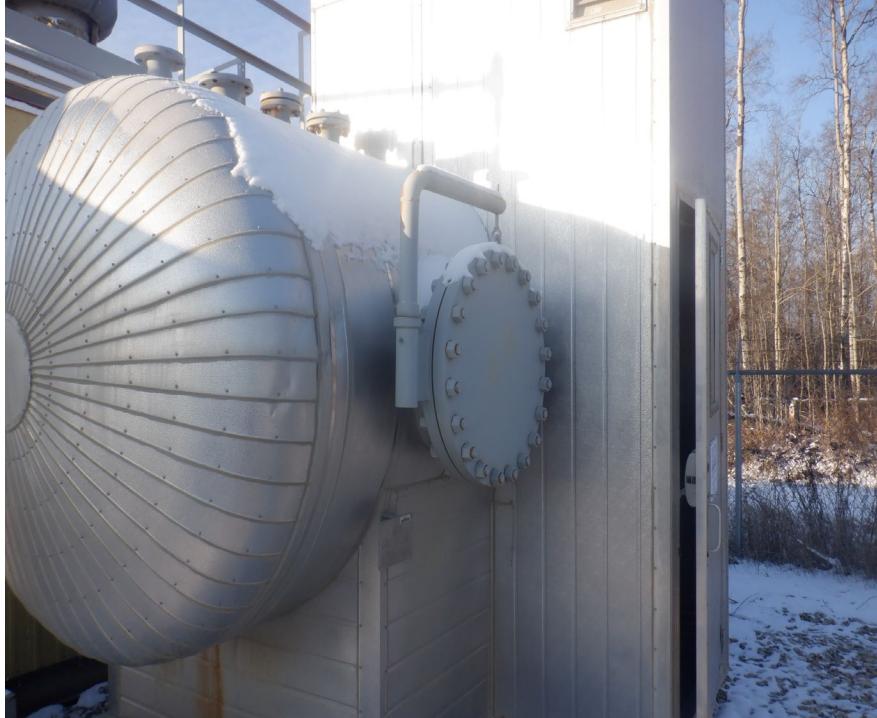
Sr. Technician Signature: 

QC Signature: _____

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<p>Acceptance Code: ASME VIII Div1</p>		<p>Report Reference:</p>		
<p>JOB SCOPE: To perform ultrasonic thickness measurements on flare knock out drum. A#605420</p>				
<p>IMAGE REFERENCE</p>				
				
<p>Ground Cable</p>		<p>Cladding</p>		

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<p>JOB SCOPE: To perform ultrasonic thickness measurements on flare knock out drum. A#605420</p>				
IMAGE REFERENCE				
				
<p>Manway Overview</p>		<p>Data Plate</p>		

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<p>JOB SCOPE: To perform ultrasonic thickness measurements on flare knock out drum. A#605420</p>				
<p>IMAGE REFERENCE</p>				
				
<p>3" 150 XS Nozzles/Piping</p>		<p>3" 150 XS / 4" 150 XS Nozzles/Piping</p>		

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<p>JOB SCOPE: To perform ultrasonic thickness measurements on flare knock out drum. A#605420</p>				
<p>IMAGE REFERENCE</p>				
				
<p>4" 150 XS Nozzle</p>		<p>Skid Overview</p>		

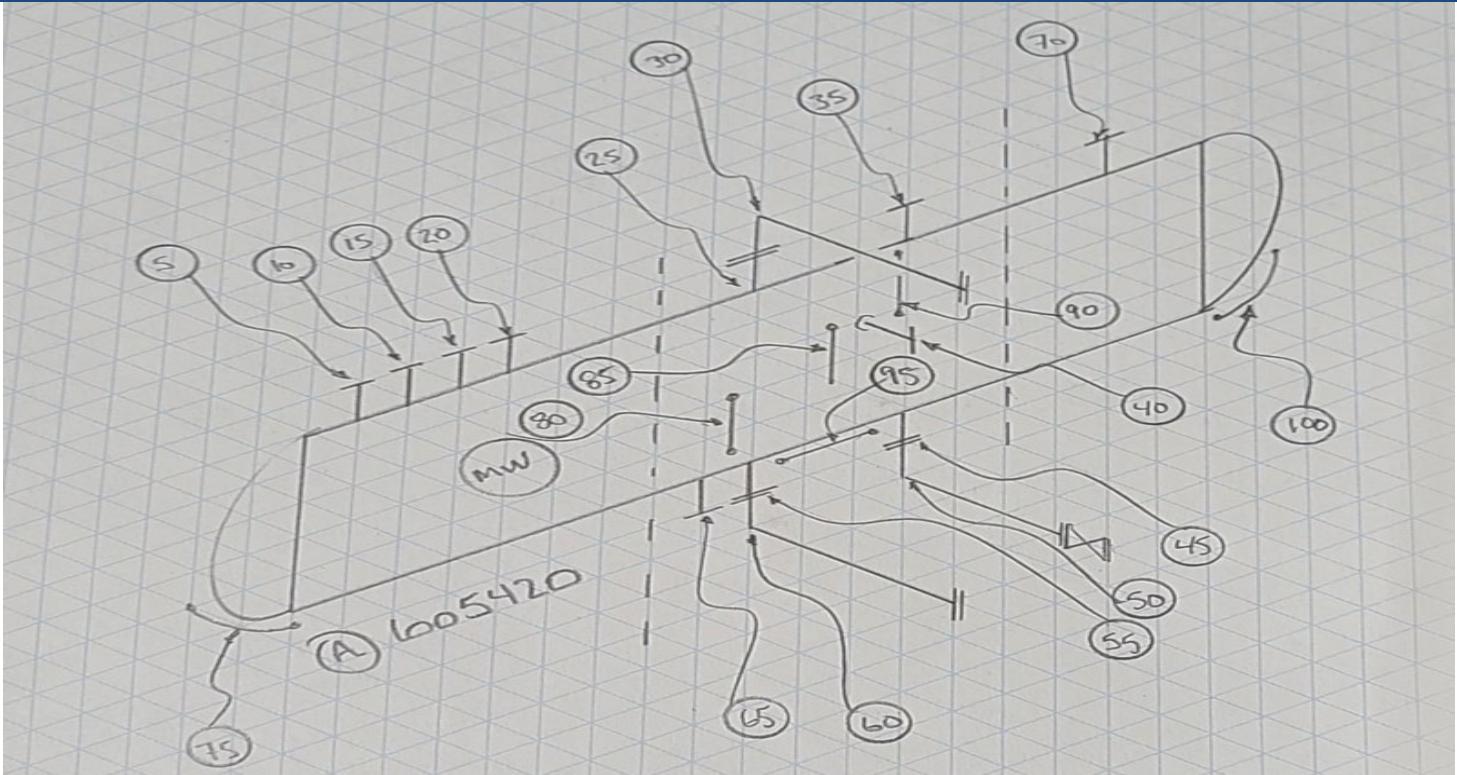
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<p>JOB SCOPE: To perform ultrasonic thickness measurements on flare knock out drum. A#605420</p>				
<p>IMAGE REFERENCE</p>				
				
<p>12" 150 Std Nozzle</p>		<p>3" 150 XS / 4" 150 XS Nozzles</p>		

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IMAGE REFERENCE				
				

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