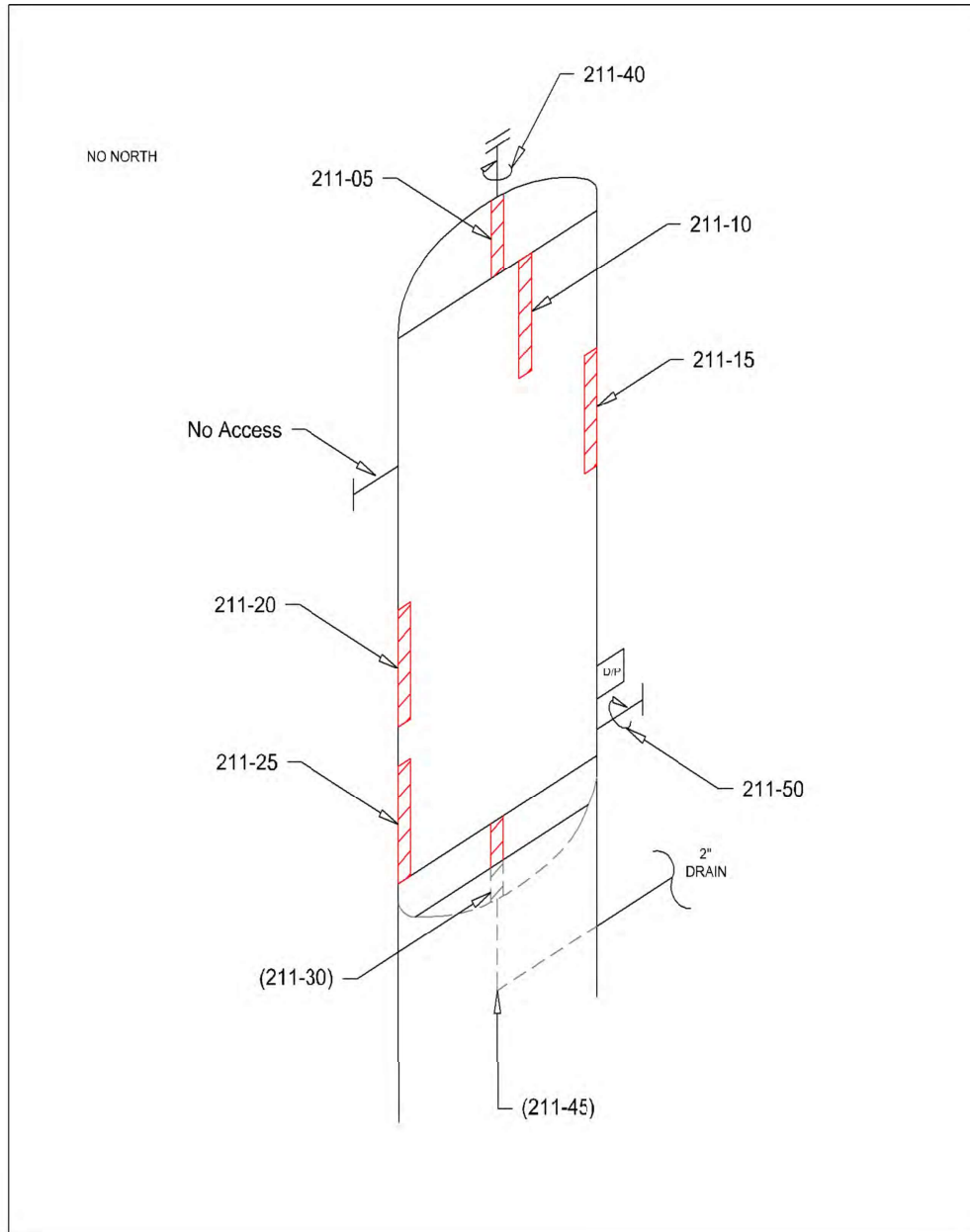


Item: 3 Phase Test Separator - Vessel

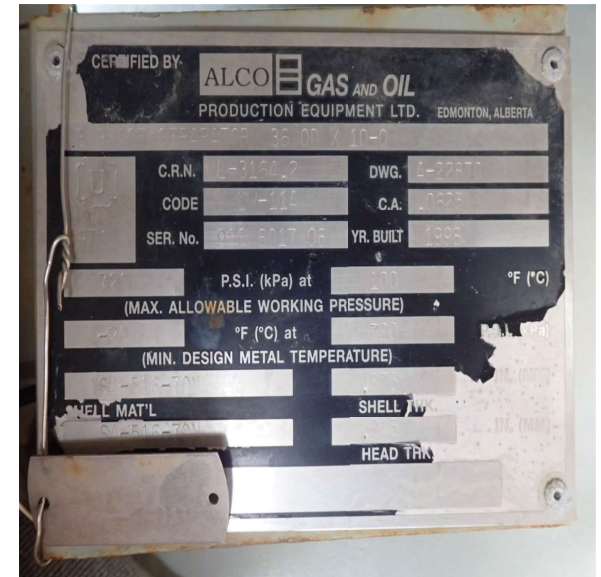
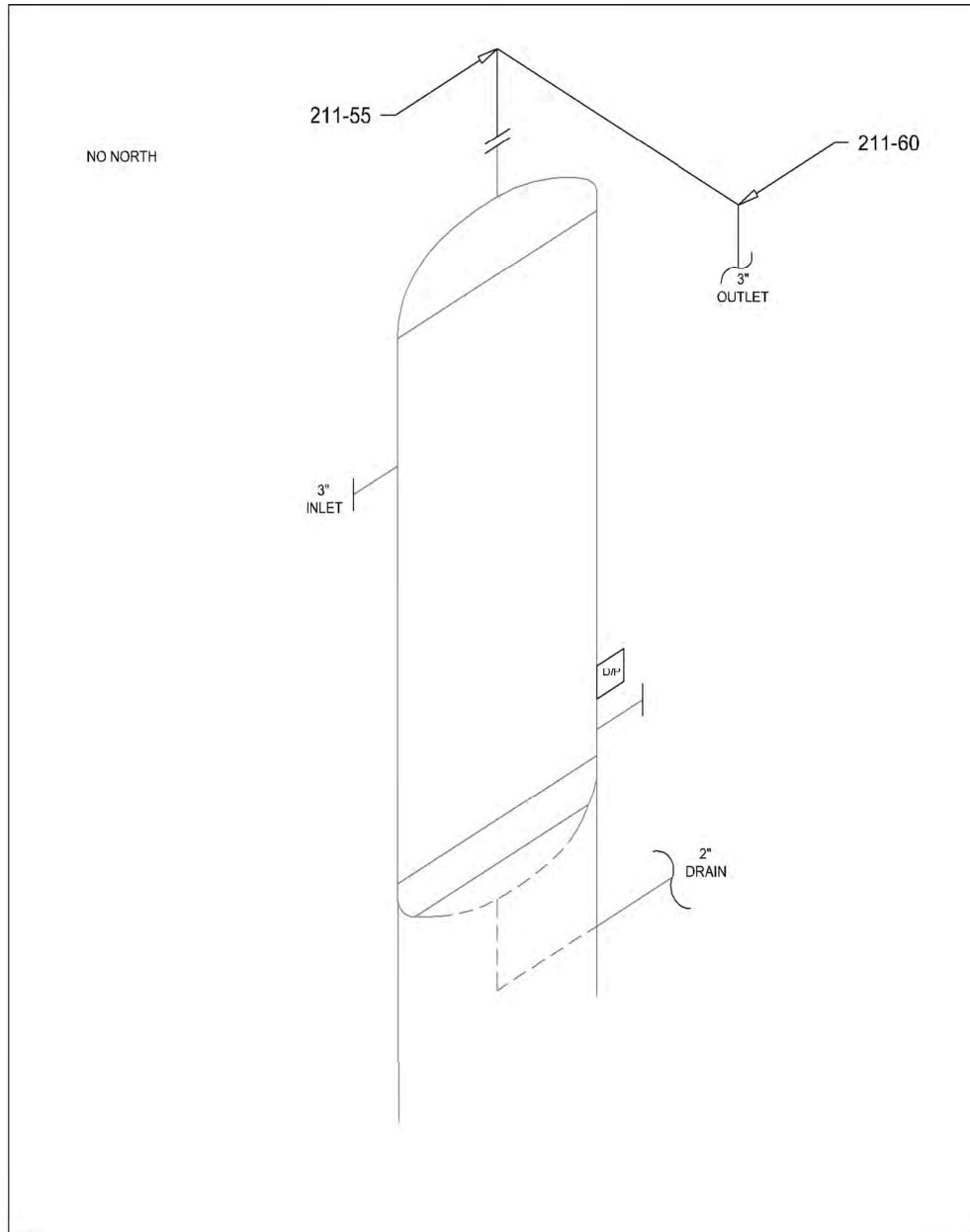
Technician: Stephen Keeley
 CGSB 48.9712 UT, MT LEVEL II
 SNT UT, MT LEVEL II
 12288



Client:	OSY RENTALS LTD
LSD:	00-00-000-00W0M
Drawing#:	211
Location:	Twin Rock, Blackfalds
Regulatory#:	-
Serial:	98C 6017 08
CRN#:	L3164.2
NB#:	
Date:	04.07.2021
Job#:	B09007

Item: 3 Phase Test Separator - Piping

Technician: Stephen Keeley
 CGSB 48.9712 UT, MT LEVEL II
 SNT UT, MT LEVEL II
 12288



Client:	OSY RENTALS LTD
LSD:	00-00-000-00W0M
Drawing#:	211A
Location:	Twin Rock, Blackfalds
Regulatory#:	-
Serial:	98C 6017 08
CRN#:	L3164.2
NB#:	
Date:	04.07.2021
Job#:	B09007



OSY RENTALS LTD - ULTRASONIC CORROSION SURVEY

STATIC DATA					
Date:	04.07.2021	Vessel Name:	3 Phase Test Separator	Regulatory#:	-
LSD:	00-00-000-00W0M	Location:	Twin Rock, Blackfalds	Serial:	98C 6017 08
Drawing#:	211	Job#:	B09007	CRN#:	L3164.2

TML	211-20			UT SURVEY READINGS (in)						UT RESULT SUMMARY					
Type	Mid	Shell	Date		1	2	3	4	5	6	Nominal	Minimum	Average	T-Min	CA
Shape	Cylindrical		Apr-21	Baseline	0.892	0.890	0.889	0.885	0.883	0.883	0.875 in	0.883 in	0.887 in	0.630 in	0.0625 in
Side	Shell			Previous							UT ANALYSIS OF LOW MINIMUM READING				
OD	36 in		Apr-21	Current	0.892	0.890	0.889	0.885	0.883	0.883	% Below Nom.	0.00	Short Term C.R.		
Code	ASME Sec VIII, Div 1			Concerns	All Readings Acceptable						% Below C.A.	0.00	Long Term C.R.		
Material	SA 516 - 70										Below T-Min	NO	Remaining Life		
Stress	20000 psi										Int. Corrosion	NO	Assumed Nominal	NO	
Efficiency	1										Int. Erosion	NO	Assumed Material	NO	
Comments															

TML	211-25			UT SURVEY READINGS (in)						UT RESULT SUMMARY					
Type	Lower	Shell	Date		1	2	3	4	5	6	Nominal	Minimum	Average	T-Min	CA
Shape	Cylindrical		Apr-21	Baseline	0.879	0.878	0.877	0.876	0.873	0.873	0.875 in	0.873 in	0.876 in	0.630 in	0.0625 in
Side	Shell			Previous							UT ANALYSIS OF LOW MINIMUM READING				
OD	36 in		Apr-21	Current	0.879	0.878	0.877	0.876	0.873	0.873	% Below Nom.	0.23	Short Term C.R.		
Code	ASME Sec VIII, Div 1			Concerns	All Readings Acceptable						% Below C.A.	0.00	Long Term C.R.		
Material	SA 516 - 70										Below T-Min	NO	Remaining Life		
Stress	20000 psi										Int. Corrosion	NO	Assumed Nominal	NO	
Efficiency	1										Int. Erosion	NO	Assumed Material	NO	
Comments															

TML	211-30			UT SURVEY READINGS (in)						UT RESULT SUMMARY					
Type	Bottom	Head	Date		1	2	3	4	5	6	Nominal	Minimum	Average	T-Min	CA
Shape	Ellipsoidal		Apr-21	Baseline	0.797	0.803	0.814	0.797	0.736	0.706	0.845 in	0.706 in	0.776 in	0.620 in	0.0625 in
Side	Shell			Previous							UT ANALYSIS OF LOW MINIMUM READING				
OD	36 in		Apr-21	Current	0.797	0.803	0.814	0.797	0.736	0.706	% Below Nom.	16.45	Short Term C.R.		
Code	ASME Sec VIII, Div 1			Concerns	Low Reading 9.8% Below CA						% Below C.A.	9.78	Long Term C.R.		
Material	SA 516 - 70										Below T-Min	NO	Remaining Life		
Stress	20000 psi										Int. Corrosion	NO	Assumed Nominal	NO	
Efficiency	1										Int. Erosion	NO	Assumed Material	NO	
Comments Apr-21: CORROSION															

TML	211-40			UT SURVEY READINGS (in)						UT RESULT SUMMARY					
Type	Outlet	Nozzle	Date		1	2	3	4	5	6	Nominal	Minimum	Average	T-Min	CA
Shape	Cylindrical		Apr-21	Baseline	0.326	0.309	0.309	0.317	0.320	0.312	0.300 in	0.309 in	0.316 in	0.063 in	0.0625 in
Side	Shell			Previous							UT ANALYSIS OF LOW MINIMUM READING				
OD	3.5 in	SCH XS	Apr-21	Current	0.326	0.309	0.309	0.317	0.320	0.312	% Below Nom.	0.00	Short Term C.R.		
Code	ASME Sec VIII, Div 1			Concerns	All Readings Acceptable						% Below C.A.	0.00	Long Term C.R.		
Material	SA 106 - B										Below T-Min	NO	Remaining Life		
Stress	17100 psi										Int. Corrosion	NO	Assumed Nominal	NO	
Efficiency	1										Int. Erosion	NO	Assumed Material	NO	
Comments															

