



ULTRASONIC CORROSION SURVEY

Survey Name: CNRL

LSD: 08-29-074-10W6	Dwg: 161	Vessel Number: A0408818	Manufacturer: BS&B	Survey Date: 2/01/11
District Unit: WEST COUNTY		Vessel Name: LINE HEATER - PIPING	Serial Number: 97910055V2	Inspector: RAJ KHAN
Location: VALHALLA		Year Built: 1997	Shell MAWP PSI: 3375 MAWT F: 200	Process: SOUR
Skid: SKD0244		Tag Number: -	Tube MAWP PSI: 1350 MAWT F: 200	Project #: C70099
		CRN: B59.2134578T	Vessel CA: 0.0000	

Band	Description		Readings						Year	Avg Inches	Min Inches	Nominal	CA	TMIN	Recommended Next Inspection	Recommended Retirement Date
			1	2	3	4	5	6								
161-05	Piping	Baseline	0.421	0.416	0.416	0.412	0.414	0.416	2006	0.416	0.412	0.4360	0.0545	0.1848	2012	2031
Shape	Cylindrical	Shell Side	Previous	0.421	0.416	0.416	0.412	0.414	0.416	2006	0.416	0.412	Comments-->			
OD	2.375		Current	0.421	0.416	0.416	0.412	0.414	0.416	2011	0.416	0.412				
Spec.	B31.3			ST Loss MPY						0.000	OK					
Material	A 106 - B			LT Loss MPY						0.000						
161-10	Piping	Baseline	0.412	0.417	0.420	0.414	0.414	0.416	2006	0.416	0.412	0.4360	0.0545	0.1848	2012	2031
Shape	Cylindrical	Shell Side	Previous	0.412	0.417	0.420	0.414	0.414	0.416	2006	0.416	0.412	Comments-->			
OD	2.375		Current	0.412	0.417	0.419	0.414	0.414	0.416	2011	0.415	0.412				
Spec.	B31.3			ST Loss MPY						0.000	OK					
Material	A 106 - B			LT Loss MPY						0.000						
161-15	Piping	Baseline	0.333	0.327	0.324	0.317	0.312	0.313	2006	0.321	0.312	0.3430	0.0429	0.0775	2012	2031
Shape	90° Elbow	Tube Side	Previous	0.333	0.327	0.324	0.317	0.312	0.313	2006	0.321	0.312	Comments-->			
OD	2.375		Current	0.328	0.326	0.324	0.317	0.312	0.313	2011	0.320	0.312				
Spec.	B31.3			ST Loss MPY						0.000	OK					
Material	A 106 - B			LT Loss MPY						0.000						
161-20	Piping	Baseline	0.316	0.306	0.297	0.290	0.295	0.306	2006	0.302	0.290	0.3430	0.0429	0.0775	2012	2031
Shape	90° Elbow	Tube Side	Previous	0.316	0.306	0.297	0.290	0.295	0.306	2006	0.302	0.290	Comments-->			
OD	2.375		Current	0.305	0.304	0.297	0.290	0.295	0.303	2011	0.299	0.290				
Spec.	B31.3			ST Loss MPY						0.000	Caution					
Material	A 106 - B			LT Loss MPY						0.000						