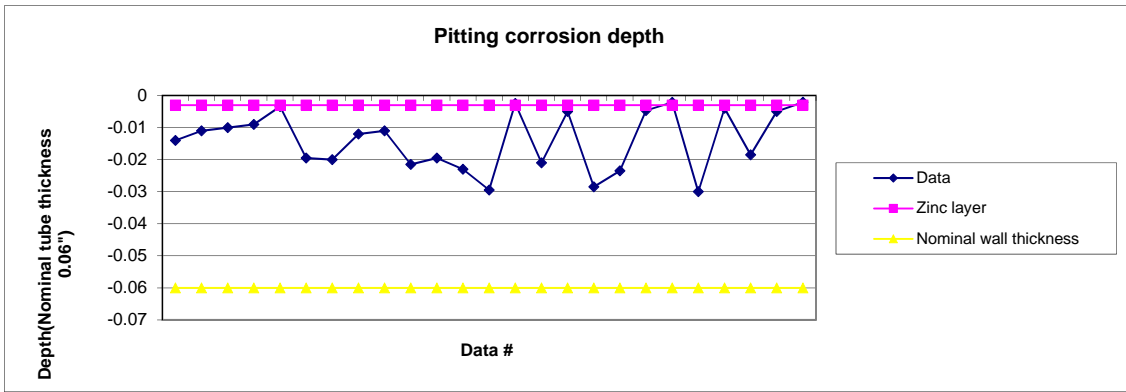


Plant Name/Location	XXXXXXXXXX
Date	16-Jul-12
NDT Instrument/Operator	Pitting gauge/Hank Noguchi
Inspection ID#	Condenser #1 model PMCB 850
Manufacturer	Evapco



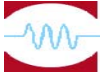
Pitting depth is measured by using pitting gauge at 25 point and calculate statistical data.



3. Testing Material Data		4. Measurement Data	
Material	Steel	Maximum wall thickness	(inch) 0.03
Piping material grade	N/A	Minimum wall thickness	(inch) 0.0579
Nominal size	1.05 Inch	Median wall thickness	(inch) 0.048
		Mean wall thickness	(inch) 0.046
Nominal piping wall thickness	0.06 inch		
Construction	Weld		
Media	NH3/Oil		
Operating pressure	300 psig		
Relief valve pressure	300 psig		
Operating temperature	250 F		
Years of service(Estimate)	4 years		

5. Evaluation	
Corrosion rate in MPY(Mills Per Year)	7.5
Theoretical piping wall left for service	0.018 Note: Mini measured wall thickness - Required mini.wall thickness(normally 20%)
Estimated Remaining piping life left	2.4 years

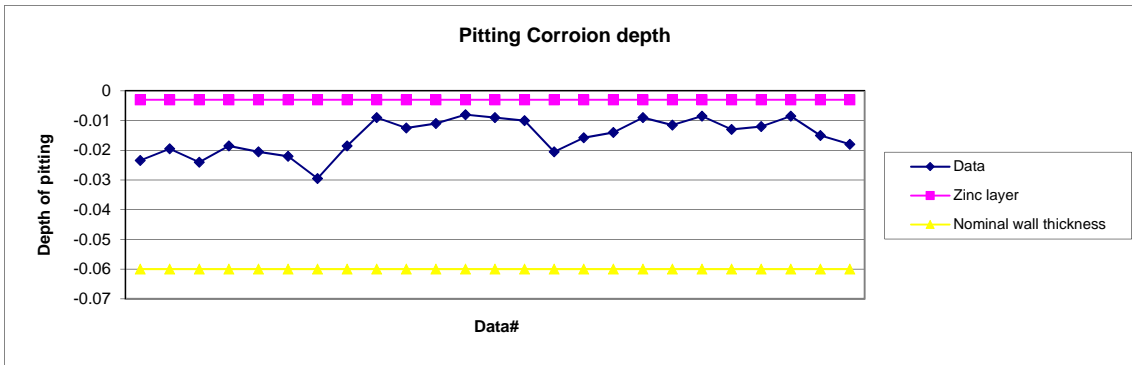
Comment
 Heavy pitting observed
 Protective zinc coating was severely damaged.
 Only 2.4 years of service left



Plant Name/Location	xxxxxxxxxx
Date	16-Jul-12
NDT Instrument/Operator	Pitting gauge/Hank Noguchi
Inspection ID#	Condenser #3 model PMCB 480
Manufacturer	Evapco



Pitting depth is measured by using pitting gauge at 25 point and calculate statistical data.



3. Testing Material Data		4. Measurement Data	
Material	Steel	Maximum wall thickness	(inch) 0.0305
Piping material grade	N/A	Minimum wall thickness	(inch) 0.053
Nominal size	1.05 Inch	Median wall thickness	(inch) 0.046
Nominal piping wall thickness	0.06 inch	Mean wall thickness	(inch) 0.045
Construction	Weld		
Media	NH3/Oil		
Operating pressure	300 psig		
Relief valve pressure	300 psig		
Operating temperature	250 F		
Years of service(Estimate)	4 years		

5. Evaluation

Corrosion rate in MPY(Mills Per Year)	7.375
Theoretical piping wall left for service	0.018 Note: Mini measured wall thickness - Required mini.wall thickness(normally 20%)
Estimated Remaining piping life left	2.440677966 years

Comment
 Heavy pitting observed
 Protective zinc coating was severely damaged.
 Only 2.4 years of service left