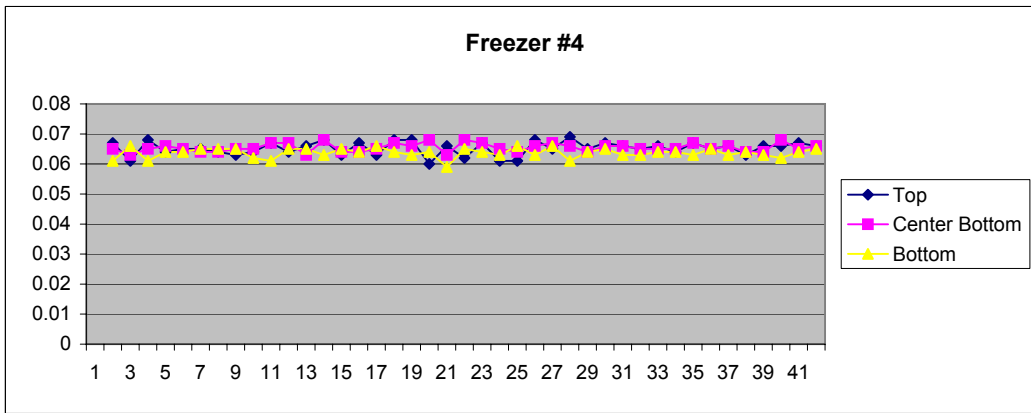




Plant Name/Location	XXXXXXX
Date	XXXXXX
NDT Instrument/Operator	Olympus 37DLP/Hank Noguchi
Inspection ID#	Freezer #4
Manufacturer	Fridgit Coil



3. Testing Material Data		4. Statistical Data	
Material	Aluminum	Top	
Piping material grade	N/A	Maximum	0.067
Nominal Pipe size(Estimate)	0.75	Minimum	0.06
Piping schedule	N/A	Median	0.064
Media	NH3/Oil	Mean	0.0647
Operating pressure	0 psig	Standard Deviation	0.00176
Relief valve pressure	150 psig	Pitting Rate (%)	2.72%
Operating temperature	0F	Note	
Years of service(Estimate)	15 years		P.R.(Pitting rate) is coefficient of variance in %
Corrosion Allowance	N/A		P.R. more than 10%=high pitting activity
Theoretical piping thickness	0.005217996		P.R. more than 20%=Heavy pitting activity
Note			P.R. more than 30%=Critically high pitting activity.
As per ASME pressure piping code		Probability case study	
Construction	Welding	Wall thickness less than 0.06"	1%
		Wall thickness less than 0.05"	0%
		Wall thickness less than 0.04"	0%
		Wall thickness less than 0.03"	0%

5. Evaluation

Theoretical piping wall left for service 0.054782004 Note: Minimum measured wall thickness-Theoretical piping wall thickness
 Estimated Remaining piping life left 82.17300557 years
 Comment