Thomas Eun Terminologies of Inspection and NDE (other than hardness tests & PMI) VT: Visual Test PT: (Liquid) Penetrant Test MT: Magnetic Particle Test --- • WFMT – Wet Fluorescent MT • DINSEARCH™ (Magnetic Bias) • MFL= Magnetic Flux Leakage, • MFA= Magnetic Flux Leakage Array, RT: Radiography Test (by X-ray or γ-ray) --- • Real Time Radiographic Testing Scanners • Neutron Radiographic Testing UT: Ultrasonic Test --- ● UTA – Ultrasonic Angle Beam ● UTS – Ultrasonic Straight Beam • AUT – Automated UT • GWUT - Guided Wave UT • TOFD - Time of Flight Diffraction • PAUT - Phased Array UT • UTT - Ultrasonic Thickness Measurement • IRIS-Internal Rotary Inspection System **AET:** Acoustic Emission Test > EC: Eddy Current --- • ECT - Eddy Current Test • ECA - Eddy Current Array • RFECT - Remote Field Eddy Current Testing • RFA - Remote Field Array • PEC - Pulsed ECT • FSECT - Full Saturation Eddy Current Testing • PSEC - Partial Saturation Eddy Current IFT: Infrared Thermography Test [Inspection Locations at Field] TML: Thickness Measurement Location 786 **CML**: Corrosion Monitoring Location

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Item	ASME	API	NBIC	AWS	ASTM	
General	PCC-3 Inspect. PCC-2 Repair		NBIC NB23 -Part 2			
Rolled Plate (Base Metal)					A578/A435 (UT)	
Pressure Vessels	Sec. V (NDE)	RP510 RP572*				
Piping		RP570 RP574*		Industrial		
H-EXs Tube Bundles		RP586-Sec.1				
Storage Tanks		RP653 RP575*		Codes/Standards		
Boilers/Heaters		RP573			A	lla al Cau
Coiled Tubes		RP5C8		Applied for		
New Line Pipes		RP5L8				
Valves		STD598		_ In	snecti	ion/NDE iı
PRD (pressure relief devices)		RP576	NBIC NB23 -Part 4		_	
OCTG		Spec 5CT			nergy	Industries
Refractory		STD975 (Refractory) STD976 (Fiber Linings)				
Surveillance Inspection at Suppliers		RP5SI				
THA (high temperature		RP586-Sec.2				
nydrogen attack)		RP934-H				
Welds		RP577	NBICNB23 -Part 3	B1.10 B1.11		
nstallation			NBIC NB23 -Part 1			
Notes	Note 1	-		1		

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