

Date		End Date			
Training Center	Prof	Total Days			
VT NDT – L I/II Visual Flange, Valve & Pump					
Contents	Schedule	Time	Break	Start	end
NDT- Visual testing chemical and petroleum industry	1/4 days	6h.	1h	9.30am	4.00pm
Applications of visual testing during manufacturing processes					
Safety and environmental considerations					
Welding, Casting, Forging					
Foundation of Forming, Extrusion, Hot Rolling and Cold Finishing					
Discontinuities (Inherent, Processing, Service)					
Tube and pipe making					
Mill Products					
Different between Pipe & Tube					
Classification					
Welded Wrought Steel Pipe and Weld Pipe Defects					
Seamless Steel Tubular Products					
NDT of Seamless Tubing					
Seamless tubular Defects					
Petroleum Tubular Specifications					
Codes, Standards, and Specifications					
Visual Test for Pumps	2/4days	6h.	1.h	9.30am	4.00pm
Visual Testing for Valves. <ul style="list-style-type: none"><li>Gate, Globe &amp; Stop Check Valves</li><li>Check and Swing Check &amp; Ball Valves</li><li>Plug, Butterfly &amp; Diaphragm Valves</li><li>Bolting Bolt</li></ul>					
Flange Material & Basic dimensions					
Inspection Just before the flanges are disassembled and cleaned					
Casing Head & Casing Spool,					
Tubing Head & Tubing Hanger (Dog Nut)					
Gasket, Bolts, Nuts & Clamp Connection					
Flange Visual Inspection					

Overview to applicable Standard & Specification	3/4days	6h.	1.h	9.30am	4.00pm
• API Specification 6A					
• ASME B16.5-2017					
• ASME B16.34-2004					
• General Safety Precision					
Practical Exam & Evaluation	4/4 day	6h.	1.00	9.30am	2 pm
General Exam & Open discussion					

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