

Date		End Date				
Training Center	Prof	Total Days				
NDT-VT – L I/II Visual Drill String Inspection & Drilling Condition						
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 <ul style="list-style-type: none"> • 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						
Drilling String Drill stems all members (drill pipe, drill collars, heavy weight drill pipe, stabilizers, subs, etc.)	2/4days	6h.	1.h	9.30am	4.00pm	
Required attributes of the drill string						
Tool Joint, Rotary shoulder requirements and Connection operating						
Main features for rotary shoulder						
DS Failures and Causes						
Rotation, Tensional, Bending, Burst/ collapse						
Handling problems, Corrosive agents, Temperature						
Corrosion, Heat Check Crack						
Stabilizer, Roller reamers, Hole Opener & Crossover Subs Function						

Essential Objectives of Inspection	3/4 days	6h.	1h	9.30am	4.00pm
Inspection Programs & Methods					
Inspection Categories and Conditions					
Overview to applicable Standard & Specification					
<ul style="list-style-type: none"> • API RP 7G • DS-1 Volum 3 edition 5 • ARNCO Hard-banding Products • Thread Gauge Measurement 					
Practical Exam & Evaluation	4/4 day	6h.	1.00	9.30am	2 pm
General Exam & Open discussion					

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