

Date		End Date				
Training Center	Prof	Total Days				
VT NDT – L I/II - Visual Drilling Rig (Hoisting & Handling) Equipment						
Contents	Schedule	Time	Break	Start	end	
NDT- Visual testing chemical and petroleum industry	1/4days	6h.	1h	9.30am	4.00pm	
Applications of visual testing during manufacturing processes						
Safety and environmental considerations						
Welding, Casting, Forging						
Manufacturing Processes for Casting & Forging						
Discontinuities (Inherent, Processing, Service)						
Drilling Rigs designed and most common drilling rigs						
Maintenance and Inspection						
Drilling Rig Handling/ Hoisting Equipment Inspection <ul style="list-style-type: none"> • Rotating system • Hosting system • Circulation system. • Power system 	2/4days	6h.	1h	9.30am	4.00pm	
Rig Equipment inspection & function including: <ul style="list-style-type: none"> • Draw works • Crown Block • Travelling Block • Hook • Dead line anchor • Elevator & links, Elevator • DC, DP Slips • Rotary Table and swivel • Safety Clamps • Circulation system and etc. 						
Methods of Inspection of Mast/Derrick and Substructure <ul style="list-style-type: none"> • Level I • Level II • Level III • Level IV 						
• Frequency of Inspection For mast and substructure						

Major, Secondary, or Minor damage					
Blow Out Preventive (BOP)Function					
Codes, Standards, and Specifications					
OVERVIEW to applicable standards including:	3/4days	6h.	1h	9.30am	4.00pm
API Specification 8C					
API Recommended Practice 4G					
API Specification 8A					
API Recommended Practice 7L					
API Recommended Practice 8B					
API Specification 7 K					
API Specification 9B					
DS 1 – Volume 4 – 5th Edition					
Responsibilities of Contractor, Operator, and Testing Company					
General Safety Practices					
Practical Exam & Evaluation	4/4days	6h.	1h	9.30am	4.00pm
General Exam & Open discussion					

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