

Date		End Date		
Training Center	Prof	Total Days		

NDT-VT – L I/II - Visual OCTG (Casing/ Tubing) & Production Well Conditions

Contents	Schedule	Time	Break	Start	end
NDT- Visual testing chemical and petroleum industry	1/5 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					
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					
Oil Country Tubular Goods	2/5 days	6h.	1.h	9.30am	4.00pm
Casing constructure & condition affected in the casing life time					
Casing String Design					
Tubing classification & condition affected in the casing life time					
Pipe grades, Length, Weight, Strength					
API Connections: Round thread, Buttress Thread, Extreme-line Thread					
Tubing Upset					
Proprietary of connection & Connection Failures and avoiding connection failure					
Surface treatments: Phosphate coating, Copper coating					
Per-inspection Procedures/ Classifications					
Visual and Dimensional inspection for new OCTG					
Categories of Imperfection					
Procedure for visual thread imperfections					

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Premium Connections field NDT procedure including:	3/5 days	6h.	1h	9.30am	4.00pm
• VAM Family:(New VAM, VAM TOP)					
• Voestalpine: (VAGT)					
• Tenaris Connections					
• HYDRILL Connections:(CS, PH-6, & PH-4 Features					
• JFE Connections:(JFELION, JFETIGER, JFEBEAR, FOX)					
Running / Pulling Inspection and Casing/Tubing Troubles					
Precision in casing running, Transportation, Handling & Storage					
OVERVIEW to applicable standards including:	4/5 day	6h.	1h	9.30am	4.00pm
• API Specification 5CT					
• API Recommended Practice 5A5					
• API Specification 5B					
• API Recommended Practice 5A3					
• API Recommended Practice 5C1					
• DS-1Volum 3 edition 5					
• API Recommended Practice 7G-2					
General Safety Practices					
Practical Exam & Evaluation	5/5 day	6h.	1.00	9.30am	2 pm
General Exam & Open discussion					

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