

API SPEC 5CT 11th Edition TOC

2 Days Awareness Training on 11th edition changes vs 10th edition.

Day	Session Topic	Content / Activity
1	Opening Meeting	Trainer Introduction
		Trainee Registration and Welcome
	Overview and Scope of API Spec 5CT	Scope
		Coverage
		Applicability—Connections
		Applicability—Grades
		Supplementary Requirements
		Eligibility for Licensed/Registered Industry Mark
		Normative References
		Terms, Definitions, Symbols, Acronyms, and Abbreviations
		Terms and Definitions
		Symbols
	Acronyms and Abbreviations	
	Purchasing Requirements	Information to Be Supplied by the Purchaser
		Ordering Products According to This Standard
		Casing, Tubing, Coupling Stock, Coupling Material, and Accessory Material
	Process of Manufacture	Material Grades
		Process of Manufacture
		General
		Heat Treatment
		Straightening
		Traceability
	Material Requirements	Processes Requiring Validation
		Chemical Composition
		Tensile Properties
		Charpy V-notch Test—General Requirements
		6.4 Charpy V-notch—Absorbed Energy Requirements for Coupling Stock, Coupling Material, Coupling Blanks, and Couplings
		Charpy V-notch—Absorbed Energy Requirements for Pipe
		Charpy V-notch—Absorbed Energy Requirements for Accessory Material
		Maximum Hardness
		Hardness Variation—Grades C90, T95, C110, and Q125
		Process Control—Grades C90, T95, C110, and Q125
		6.10 Hardenability—Minimum Percentage Martensite for Quenched and Tempered Products
		Grain Size—Grades C90, T95, and C110
		Surface Condition—Grades L80 9Cr and L80 13Cr
		Flattening—Electric-welded Pipe
	Sulfide Stress Cracking Test—Grades C90, T95, and C110	
	Dimensions, Masses, Tolerances, Product Ends, and Defects	Labels and Sizes
		Dimensions and Masses
		Diameter
		Wall Thickness
		Mass
Length		
Casing Jointers		
Height and Trim of Electric-weld Flash		
Straightness		
Drift Requirements		
Tolerances on Dimensions and Masses		
Product Ends		
Defects		
Coupling Make-up and Thread Protection		

API SPEC 5CT 11th Edition TOC

2 Days Awareness Training on 11th edition changes vs 10th edition.

Day	Session Topic	Content / Activity
2	Couplings	Couplings
		General Requirements
		Alternative Grades or Heat Treatments
		Mechanical Properties
		Dimensions and Tolerances
		Regular Couplings
		Special Clearance Couplings—All Grades Except Q125
		Combination Couplings
		Seal-ring Couplings
		Special Bevel Tubing Regular Couplings—All Grades Except C110 and Q125
		Threading
		Surface Inspection
		Measurement of Imperfections
		Repair and Removal of Imperfections and Defects
		Thread Surface Treatment—Grade Q125
	Couplings and Coupling Blank Protection—Grades C90, T95, C110, and Q125	
	Inspection and Testing	Test Equipment
		Lot Definition for Testing of Mechanical Properties
		Testing of Chemical Composition
		Tensile Tests
		Flattening Test
		Hardness Test
		Impact Test
		Grain Size Determination—Grades C90, T95, and C110
		Hardenability—Grades C90, T95, and C110
		Sulfide Stress Cracking Test—Grades C90, T95, and C110
		Metallographic Evaluation—EW Grades J55, K55, N80, L80 Type 1, R95, P110, and Q125
		Hydrostatic Tests
		Dimensional Testing
		Visual Inspection
		Nondestructive Examination
	Marking	General
		Stamp Marking Requirements
		Stencil Marking Requirements
		Color Identification
		Thread and End-finish Marking
	Coating and Protection	Pipe-threader Marking Requirements
		Coatings
	Documents	Thread Protectors
		Electronic Media
		Certification Requirements
	Minimum Facility Requirements for Various Categories of the Manufacturer	Certification Content
Retention of Records		
Pipe Mill		
Processor		
	Pipe Threader	
	Coupling, Pup Joint, or Accessory Manufacturer	

Notes:

This schedule shall provide a comprehensive overview of API Spec 5CT 11th ed. covering key aspects related to Casing and Tubing. The content can be adjusted and shuffled based on the participant's background, industry needs, and level of expertise. Additionally, incorporating practical demonstrations, case studies, and interactive sessions shall enhance the learning experience.