

Technical Comparison Chart

New API Specification 5CT 11th edition to 10 Edition for Casing and Tubing

SCT 10th Edition			API 5CT 10th Edition to 11th Edition - Removal of Product Specification Level Requirements															
Requirements can be agreed between manufacturer and purchaser to match PSL as per API 5CT 10th edition			H40	J55	K55	N80-1	N80Q	R95	L80-1	L80-3	L80-9	L80-13	C90	T95	C110	P110	Q125	
Control	Annex H	API10th.Ed	SCT 11th Edition															
H.2 Heat treatment	PSL 2	H.2.1	6.2.2															
	PSL 3	H.2.2	6.2.2															
H.3 Straightening	PSL 2	H.3.1	6.3.4										5.3.4	5.3.4	5.3.4			
	PSL 2	H.3.2	6.3.1 6.3.3						5.3.2 A14 SR 42								5.3.2 A14 SR 42	
H.4 Chemical composition	PSL 3	H.4	7.1										6.1	6.1	6.1			
H.5 Yield strength	PSL 3	H.5	7.2.3														6.2.3 A15 SR 43	
H.6 Charpy	PSL 2	H.6.1	7.3.1				6.3.3 A16 SR 44	6.3.3 A16 SR 44	6.3.3 A16 SR 44	6.3.3 A16 SR 44	6.3.3 A16 SR 44		6.3.3 A16 SR 44	6.3.3 A16 SR 44			6.3.3 A16 SR 44	6.3.3 A16 SR 44
	PSL 2	H.6.2.1	7.5.1 7.5.3 K.9	6.5.1 A9 SR 16	6.5.1 A9 SR 16	6.5.1 A9 SR 16	6.5.2 A9 SR 16	6.5.2 A9 SR 16	6.5.2 A9 SR 16	6.5.2 A9 SR 16	6.5.2 A9 SR 16	6.5.2 A9 SR 16	6.5.2 A9 SR 16	6.5.2 A9 SR 16	6.5.2 A9 SR 16	6.5.2 A9 SR 16	6.5.2 A9 SR 16	6.5.2 A9 SR 16
	PSL 2	H.6.2.2	7.5.4 K.7															9.7.6 A7 SR 12
H.7 Hardenability	PSL 2	H.7.1	7.10.3						6.10.14 A17 SR 45.1									
	PSL 3	H.7.2	7.10.1										6.10.2 A17 SR 45.2	6.10.2 A17 SR 45.2				
H.8 Inside surface	PSL 2	H.8	7.12							6.12	6.12							
H.9 SSC Test	PSL 3	H.9.1	7.14.2										6.14.4 A18 SR 46	6.14.4 A18 SR 46				
	PSL 3	H.9.2	7.14.2															
H.10 Pin end processing	PSL 2	H.10	8.12.5															
H.11 Seal ring couplings -	PSL 2	H.11	9.8	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	
H.12 Processing of box ends	PSL 2	H.12	9.10.1															
H.13 Frequency of tensile	PSL 2	H.13	10.4.3															
H.14 Hardness testing	PSL 3	H.14.1	10.6.1 10.6.4 10.6.8															
	PSL 3	H.14.2	10.6.5										9.6.4 A19 SR 47	9.6.4 A19 SR 47				
H.15 Metall. Ev. ERW	PSL 2	H.15	10.11		9.11	9.11	9.11	9.11	9.11	9.11								
H.16 Hydrotest	PSL 2	H.16	10.12.2															
H.17 Wall thickness coverage	PSL 2	H.17.1	10.13.4															
	PSL 3	H.17.2	10.13.4	9.13.4 A21 SR 49	9.13.4 A21 SR 49	9.13.4 A21 SR 49	9.13.4 A21 SR 49	9.13.4 A21 SR 49	9.13.4 A21 SR 49	9.13.4 A21 SR 49	9.13.4 A21 SR 49	9.13.4 A21 SR 49	9.13.4	9.13.4	9.13.4	9.13.4	9.13.4 A21 SR 49	9.13.4
H.18.1 NDE pipe body	PSL 2	H.18.1.1	10.15.5	9.15.6 A2 SR 1	9.15.6 A2 SR 1	9.15.6 A2 SR 1												
	PSL 2	H.18.1.2	10.15.5 10.15.6															
	PSL 2	H.18.1.3	10.15.6						9.15.6 A3 SR 2	9.15.6 A3 SR 2	9.15.6 A3 SR 2	9.15.6 A3 SR 2	9.15.6 A3 SR 2					
	PSL 3	H.18.1.4	10.15.5 10.15.6	9.15.6 A3 SR 2	9.15.6 A3 SR 2	9.15.6 A3 SR 2												
	PSL 3	H.18.1.5 UT at L2 H.18.1.5 2nd NDT Method	10.15.6 10.15.7 10.15.8						9.15.6 A3 SR 2	9.15.6 A3 SR 2	9.15.6 A3 SR 2	9.15.6 A3 SR 2	9.15.6 A3 SR 2	9.15.6 A3 SR 2				9.15.6 A3 SR 2
H.18.2 NDE weld seam	PSL 2	H.18.2	10.15.10															
H.18.3 NDE pipe ends	PSL 3	H.18.3	10.15.13	9.15.13 A20 SR 48	9.15.13 A20 SR 48	9.15.13 A20 SR 48	9.15.13 A20 SR 48	9.15.13 A20 SR 48	9.15.13 A20 SR 48	9.15.13 A20 SR 48	9.15.13 A20 SR 48	9.15.13 A20 SR 48	9.15.13 A20 SR 48	9.15.13 A20 SR 48	9.15.13 A20 SR 48	9.15.13 A20 SR 48	9.15.13 A20 SR 48	
H.18.4-5 NDE coupling stock	PSL 2	H.18.4.1	10.15.11						9.15.11.1	9.15.11.1			9.15.12.2	9.15.12.2	9.15.12.2	9.15.12.2		9.15.12.2
		H.18.4.2	10.15.11									9.15.12.3	9.15.12.3	9.15.12.3	9.15.12.3		9.15.12.3	
		H.18.4.3	10.15.11										9.15.12.4	9.15.12.4	9.15.12.4	9.15.12.4		9.15.12.4
		H.18.4.4	10.15.11										9.15.12.5	9.15.12.5	9.15.12.5	9.15.12.5		9.15.12.5
	PSL 3	H.18.5.1	10.15.11										9.15.12.4	9.15.12.4	9.15.12.4	9.15.12.4		9.15.12.4
		H.18.5.2	10.15.11										9.15.12.5	9.15.12.5	9.15.12.5	9.15.12.5		9.15.12.5
H.19 Non-metallic seal ring	PSL 2	H.19	8.8.2	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	8.8 A8 SR 13	

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