



American Quality Standards Registrars LLC

1201 Orange Street, Suite 600, Wilmington, DE 19801, USA Tel - (281) 404-2140

Web- www.aqsrusa.com, E - info@aqsrusa.com

India Office –D 303, Siddhi Nisarg Plaza, Bhumkar Chowk - Hinjewadi Road, Pune 411057 E–india@aqsrusa.com

ANNEXURE TO PED CERTIFICATE NO.11795

Date: 28/03/2019

Company Name: Navkar Steel

Works Address : 209, Laxmi Narayan Building, Ground Floor, Khetwadi Main Road, Behind Union High School, Mumbai 400004 Maharashtra, India

Certificate No : 11795 (Valid until 27/03/2022)

SEAMLESS & WELDED PIPES & TUBES:

Sr	Name Of Product	Material Specifications	Grade	Thickness (MM)	Size-Dia(mm)
1	Seamless Steel / Ferritic Steel Welded Pipes & Tubes	ASTM A 312 / ASTM A 269 / ASTM A 268 / ASTM A 213	TP 304 , 304L ,410S ,430 ,446 ,430 ,446 ,409 ,316 ,316L , 321 , 347 ,321H ,304H ,347 ,347H ,316 ,316H ,316Ti ,317 ,317L	SCH XXS	UPTO 24" NB
2	Stainless Steel / Ferritic Steel Welded	ASTM A 358/ ASTM A 268 / ASTM A 249	TP 304 ,304L ,410 ,410S ,446 ,430 ,316 ,316L ,321 ,347 ,347H , 316 ,316H ,316Ti ,317 ,317L ,8904	Upto 50 MM THK	1" NB TO 64" NB



	Pipes & Tubes				
3	Duplex Steel Seamless Pipes & Tubes	ASTM A 790 / ASTM A 789	S 31803 / S32205 / S32750 / S 32760	SCH XXS	UPTO 12 " NB
4	Duplex Steel Welded Pipes & Tubes	ASTM A 789 / ASTM A 790	S 31803 / S 32205 / S 32750 / S 32760	Upto 40 MM THK	UPTO 24 " NB
5	Nickel & Nickel alloy Seamless Pipes & tubes (Inconel , Monel etc .)	ASTM B 161 / B 165 / ASTM B 622 / B 163 , ASTM B 167,ASTM B 444 ,ASTM B 729 ,ASTM B 404 ,ASTM B 423	UNS NO 2200, UNS NO 2201, UNS NO 4400 , UNS NO 6022 , UNS NO 6600, UNS NO 6625, UNS NO 8020, UNS NO N 10276	SCH XXS	UPTO 8"NB
6	Nickel & Nickel alloy Welded Pipes & tubes (Inconel , Monel etc .)	ASTM B 619 , ASTM B 626 ,ASTM B 515 ,ASTM B 516 ASTM B 517 ,ASTM B 704 ,ASTM B 705	UNS NO 2200, UNS NO 2201, UNS NO 4400 , UNS NO 6022 , UNS NO 8020	Upto 30 MM THK	UPTO 36" NB

FLANGE & FITTINGS:

Product	Size	Product Standard	Material Standard & Grade
Flange	NPS 1/2 to NPS 72	ASMEB16.5, ASME B16.36, ASMEB16.47, ASME B16.48,	1. ASTM / ASME B/SB 381 Gr(F1/2/3/7/9/11/12/13/14/15/16/17/18/19/20/21/23/24/25/26/27/28/33/34/35/36/37/38)



	DN 15 to DN 1800	DIN EN 1092-1, MSS SP-44, BS-10, JIS B2220, AWWA CLASS API SA B, BX AS PER DRAWING	2. EN 10222-2 P245GH / P280GH / P305GH / 16Mo3 / 13CrMo4-5 / 11CrMo9-10 / X10CrMoVNb9-1 3. EN 10222-4 P285NH/QH / P355NH/QH / P420NH/QH 4. ASTM/ ASME A / SA 182 F304 / F304H / F304L / F316 / F316L / F321 / F321H / F347 / F347H / F310 / F1 / F5 / F9 / F11 / F12 / F22 / F91 / F44 / F51 / F53 / F55 / F60 5. ASTM / ASME A / SA 694 F42 / F46 / F48 / F50 / F52 / F56 / F60 / F65 / F70 6. ASTM / ASME A / SA 350 LF2 / LF3 7. ASTM / ASME B / SB 564 UNS N02200/N04400/N06022/N06600/N06625/N08800/N08020/N08825/N08810/N08811/N08904/N08925/N10276 8. ASTM / ASME B / SB 151 UNS NO. C70600 / C71500/ EE MUA 145
Welded Wrought Butt Weld Fitting	NPS 1/2 to NPS 64 DN 15 to DN 1600	ASME B16.9, ASME B16.28, MSS SP43, MSS SP75, AS PER DRAWING	1. ASTM / ASME B/ SB 363 WP T1, T2, T3, T7, T9, T11, T12, T13, T14, T15, T16, T17, T18, T19, T20, T21, T23, T24, T25, T26, T27, T28, T33, T34, T35, T36, T37, T38. 2. ASTM / ASME A / SA 403 WP 304/ WP 304H/ WP 304L/ WP 316 / WP 316L/ WP 347/ WP 347H/ WP 321/ WP 321H/ WP 310 / WP S31254 3. ASTM / ASME A / SA 860 WPHY 42/ WPHY 46 / WPHY 52/ WPHY 60/ WPHY 65 / WPHY 70 4. ASTM / ASME A / SA 420 WPL3 / WPL6 5. ASTM / ASME A / SA 815 UNS No. S31803/ S32205 / S32750 / S32760 6. ASTM / ASME B / SB 366 UNS No.N02200/N04400/N06022/N06600/N06625/N08800/ N08020/N08825/N08810/N08811/N08904/N08925/N10276 7. ASTM / ASME B / SB 466 UNS NO. C70600 / C71500/ EE MUA 146
Seamless Wrought Butt Weld Fitting	NPS 1/2 to NPS 24 DN 15 to DN 600		



Forged Fitting - Socket weld & Screwed	NPS 1/2 to NPS 4 DN 15 to DN 100	ASME B16.11, MSS SP-83, MSS SP-95, MSS SP-97, BS 3799, AS PER DRAWING	1. ASTM / ASME B/ SB381Gr(F1/2/3/7/9/11/12/13/14/15/16/17/18/19/20/ 21/23/24/25/26/27/28/33/34/35/36/37/38) 2. EN 10222-2 P245GH / P280GH / P305GH / 16Mo3 / 13CrMo4-5 / 11CrMo9-10 / X10CrMoVNb9-1 3. EN 10222-4 P285NH/QH / P355NH/QH / P420NH/QH 4. ASTM/ ASME A / SA 182 F304 / F304H / F304L / F316 / F316L / F321 / F321H / F347 / F347H / F310 / F1 / F5 / F9 / F11 / F12 / F22 / F91 / F44 / F51 / F53 / F55 / F60 5. ASTM / ASME A / SA 694 F42 / F46 / F48 / F50 / F52 / F56 / F60 / F65 / F70 6. ASTM / ASME A / SA 350 LF2 / LF3 7. ASTM / ASME B / SB 564 UNS N02200/N04400/N06022/N06600/N06625/N08800/N08 020/N08825/N08810/N08811/N08904/N08925/N10276 8. ASTM / ASME B / SB 151 UNS NO. C70600 / C71500
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NAME OF MATERIAL (MATERIAL GRADE):				
TP – 304 , 304L , 304H , 316 , 316L , 316Ti , 316H , 317 , 317L , 321, 321H, 347, 347H, 310S, 310H , 904L , DIN 1.4301 , 1.4306 , 1.4845 , 1.4401 , 1.4404 , 1.4571 , 1.4449 , 1.4541 , 1.4006 , UNS 31803 , 32205 , 32750 , 32760 , 32101 , 32304 , Carbon Steel , Alloy Steel , Low Temperature Carbon Steel , Stainless Steel , Duplex Stainless , Nickel Alloy & Titanium				
PRODUCT STANDARD:				
B 16.47 ,EE MUA 145 , EE MUA 146 ,ASME B16.9 , ASME B16.28 , MSS SP43 , MSS SP75 B16.5 ,B16.11 ,B16 .48				
SR.NO	PRODUCT DESCRIPTION	MATERIAL LIST		
		TYPE	SIZES	PRODUCT CLASS/SCH/LENGTH
1	PIPES & TUBES	SEAMLESS	½" TO 24"	SCH 5 TO SCH XXS
		WELDED	1" TO 64"	UPTO 50MM THK
2	FASTENERS	BOLT/NUT/WASHERS/STUD/THREADED ROD	M6 TO M100	LENGTH UPTO 5METER
3	ELBOW	SEAMLESS	½" TO 24"	SCH 5 TO SCH XXS
		WELDED	½" TO 64"	
4	CONCENTRIC / ECCENTRIC REDUCER	SEAMLESS	½" TO 24"	SCH 5 TO SCH XXS
		WELDED	½" TO 64"	
5	CAP	-	UPTO 64"	SCH 5 TO SCH XXS
6	TEE	SEAMLESS	½" TO 24"	SCH 5 TO SCH XXS
		WELDED	½" TO 64"	
7	STUB ENDS	SEAMLESS	½" TO 24"	SCH 5 TO SCH XXS



		WELDED	½" TO 64"	
8	FLANGE	PLATES	15 MM TO 200 MM	150, 300, 600, 900, 1500, 2500
9	FLANGE	FORGED (ALL VARIETIES)	½" TO 72"	150, 300, 600, 900, 1500, 2500
10	FORGED FITTINGS	SOCKET WELD/ SCREWED	3/8" TO 4"	3000, 6000, 9000
11	LONG RADIUS / INDUCTION BENDS	SEAMLESS / WELDED 2 D TO 20D	½" TO 24"	SCH 5 TO SCH XXS
12	WELDOLET, SOCKOLET, ELBOLET, THREDOLET, LETROLET	SW/NPT	½" TO 64"	3000, 6000, 9000

Conditions

1. The system approval is valid only for the types listed above
2. Periodic Audits and unexpected visits will be held, in order to verify that the Manufacturer duly fulfils the obligations arising out of the approved quality systems.
3. The Manufacturer must give information of any intended adjustment of the Quality Systems to AQSR, who will assess the changes and decide if the Statement remains valid.
4. Manufacturer shall give affirmation of compliance with the technical order specification.
5. Manufacturer shall fulfill the documentation requirement of WPG Guidelines 7/19.
6. Permanent joining operating procedures and personnel shall be approved by Notified Body or third-party organization recognized by a Member State as provided for in Article 13 of Pressure Equipment Directive.

