



American Quality Standards Registrars LLC

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ANNEXURE TO PED CERTIFICATE NO.15094

Date: 16/12/2019

Company Name: KAMAL STEELS

Works Address : 171 , Sant Sena Maharaj Marg, 2nd Kumbharwada Lane , Mumbai- 400004, Maharashtra, India

Certificate No : 15094 (Valid until 15/12/2022)

Sr	Name Of Product	Material Specifications	Grade	Thickness (MM)	Size-Dia(mm)
1	Carbon steel seamless pipes & Tubes	ASTM A 106 /ASTM A 53 / ASTM 179	Gr A / B / C	SCH XXS	12 "NB
2	Carbon Steel Welded Pipes	ASTM A 53 /ASTM A 671 /ASTM A 672 all Class	Gr B / GR CA 55 ,CB 60 ,CB 65 , CC 70 ,CD 70 ,CD 80 ,CF 65 , CF 70 , CF 66 ,CF 71 , CG 100 ,CH 100 , A 45 , A 50 , A 55 ,B 60 , B 65 , B 70 ,C 55 , C 60 , C 65 , C 70 , D 70 ,D 80	Upto 50 MM THK	UPTO 52 " NB
3	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 12" NB

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4	Stainless Steel / Ferritic Steel Welded Pipes & Tubes	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	8 " NB-52" NB
5	Duplex Steel Seamless Pipes & Tubes	ASTM A 790 / ASTM A 789	S 31803 / S32205 /S32750 /S 32760	SCH XXS	UPTO 12 " NB
6	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
7	Alloy Steels Seamless Pipes	ASTM A 335	P1 ,P2 ,P5 ,P9 ,P11 ,P12,P22,P91	SCH XXS	UPTO 12 " NB
8	Alloy Steel Welded Pipes & Tubes	ASTM A 691	1-1/4 CR ,2-1 1/4CR ,5 CR , 9 CR 91	Upto 30 MM THK	UPTO 24 "NB
9	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
10	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



11	Copper & Copper alloys & Seamless Pipes & tubes	ASTM B 42 /B 75 /B 111 /B 466	C12200 ,C44300 ,C 70600 ,C70620	10 MM THK	UPTO 8" NB
12	Copper & Copper alloys & Welded Pipes & tubes	ASTM B 467 ,ASTM B 453	C44300 , C 70600 , C 70620	10 MM THK	UPTO 12"NB

Sr	Name Of Product	Material Specifications	Grade	Thickness (MM)	Size-Dia(mm)
1	Seamless Welded Pipes & Tubes	ASTM A 312 / A 269 / ASTM A 268 / A 213/A 249 / A 778 / A 554 /A 790 /A 789 / A 335 / B 161 / B 163 / B 165 /B 167 / B 404 / B 423 / B 423 /B 444 / B 622 / B 729	TP 304 , 304L ,410S ,430 ,446 ,430 ,446 ,409 ,316 ,316L , 321 , 347 ,321H ,304H ,347 ,347H ,316 ,316H ,316Ti ,317 ,317L	SCH XXS	½" NB -72" NB
2	Alloy Steels Seamless Pipes	ASTM A 335	P1 ,P2 ,P5 ,P9 ,P11 ,P12,P22,P91	SCH XXS	UPTO 12 " NB
3	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
4	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



Product	Size	Product Standard	Material Standard & Grade
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	<ol style="list-style-type: none"> 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		
	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	<ol style="list-style-type: none"> 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/N08020/N08825/N08810/N08811/N08904/N08925/N10276



			8. ASTM / ASME B / SB 151 UNS NO. C70600 / C71500
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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.

