



Al Awadi Integrated Projects extensive knowledge of manufacturer's capabilities, helps the clients with timely supply with quality Products. We work with world class manufacturers that meet all the latest quality approved Standards like API, ASTM.. etc. We choose our manufacturers based on their ability to meet specific contractual requirements, in particular their product specialty, technical compliance, and quality and livery performance.





"We believe in the policy of transparency and work relationship- based on trust and mutual benefit."

> Managing Director AAIP



### Who we are?

# **AAIP ENTERPRISES** AAIP's extensive knowledge of manufacturer's capabilities, helps the clients with timely supply with quality Products.

# ABOUTAAIP

### **ENTERPRISES**

Established in 2010, Al Awadi Integrated Projects catering in Oilfield Sector with supply of Pipes,-Flanges, Fittings, Valves, Gaskets, and Stud Bolts.

Together with our strategic partners across the globe, we distribute Pipes, Flanges, Fittings, Valves, Gaskets, and Stud Bolts in all steels and special alloys to various industries globally.

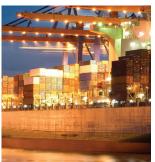
With experienced professionals and a far sighted management team, AAIP team take responsibilities at most reliable way to ensure that our clients get the best service at all times.

We work with world class manufacturers that meet all the latest quality approved Standards like API, ASTM.. etc.

We choose our manufacturers based on their ability to meet specific contractual requirements, in particular their product specialty, technical compliance, and quality and delivery performance.











AAIP's centralised Procurement Division serves the company's various Business Units. Business partnerships of morethan three decades with top class manufacturers worldwide are key success factors, covering crucial areas that range from short turnaround deliveries to comprehensive annual supply contracts.

Proactive purchasing of material, fixed production slots with mills, and the longstanding rapport with principal suppliers make AAIP a potent force in material sourcing.

The strength of these supplier arrangements enables AAIP's to be highly-price-competitive, passing on the benefits to customers through most attractive material supply pricing in the market. As a result of the forward-looking procurement policies, AAIP's in most cases is able to supply materials for major projects directly from stock reducing stock procurement lead time.

AAIP's stocks are meeting almost all the material specifications of GCC end-users, making the company a onestop-shop for all short-term requirements and even fully supplying some mediumrange projects direct from stock.

This has been made possible due to the varied range and high volume of stock held that is available on ground (approximately 70,000 tons). Experienced procurement engineers with specific product specialisation are supported by quality engineers so that the exact material can be sourced to meet customer requirements.

Sourcing expertise ranges from carbon steel, stainless steel, duplex, super duplex, and other proprietary alloys. All these attributes enable Gerab to efficiently supply a comprehensive spectrum of client needs — from complex multi-million dollar project packages to project top-ups, maintenance and repair business, day-to-day project requirements and shut-down jobs.



PRODUCT	MATERIAL	CONSTRUCTION	NORMS	GRADE	RANGE		
PIPES/TUBES	CARBON STEEL	SEAMLESS	API 5L A106/A53 A106 A333	B, X42, X52, X60, X65, X70, X80 B GrA, GrC Gr3, Gr6	1/4″- 24″		
		WELDED	API5L A53 A671 A672	B, X42, X52, X60, X65, X70,X80 B CC60, CC65 CC60, CC65	2″-120″		
	ALLOY STEEL	SEAMLESS	A335	P1, P11, P12, P22, P5, P9, P91, P92	1/2"- 24"		
		WELDED	A691	1CR, 1 1/4CR, 2 1/4CR, 5CR, 9CR, 91	2″-120″		
	STAINLESS STEEL	SEAMLESS	A312 A790	TP304/304L, TP316/316L TP321, TP321H, TP347, TP347H UNS S31803, UNS S32750	3/8″- 24″		
		WELDED	A312/A358 A312 A790	TP304/304L, TP316/316L TP321, TP321H, TP347, TP347H UNS S31803, UNS S32750	2"- 80"		
	CARBON STEEL	SEAMLESS/ WELDED	A234 A860 MSS SP75 A420	WPB WPHY42, WPHY52, WPHY60, WPHY65 WPHY42, WPHY52, WPHY60, WPHY65 WPL6	1/2″- 96″		
		FORGED	A105N A350 A694	LF2 F42, F52, F60, F65	1/4"- 4"		
FITTINGS	ALLOY STEEL	SEAMLESS/	A234	WP11, WP22, WP5, WP91	1/2"- 96"		
	ALLOT SILLE	WELDED FORGED	A182	F1, F5, F11, F12, F22, F91, F92	1/4"- 4"		
	STAINLESS STEEL	SEAMLESS/ WELDED FORGED	A403 A815 A182	WP304/304L, WP316/316L UNS S31803, UNS S32750 F304/304L, F316/316L F50, F51, F52, F53, F54, F55 F57, F60, F61	1/2"- 48" 1/2"- 16" 1/4"- 4"		
	CARBON STEEL		A105N A350 A694	LF2 F42, F52, F60, F65	1/4"- 72"		
FLANGES			A707	L3 CL3, L5 CL3	12″- 48″		
	ALLOY STEEL		A182	F1, F11, F12, F22, F5, F91, F92	1/2″- 48″		
	STAINLESS STEEL		A182	F304/304L, F316/316L F50, F51, F52, F53, F54, F55, F57, F60, F61	1/2"- 60" 1/2"- 24"		
VALVES (Gate, Globe, Check, Ball & Butterfly Valves, Steam Traps, Strainers & Safety Relief Valves)	CARBON STEEL	FORGED	A105N A350	LF2	1/2"-2" Gate, Globe Check Valves 1/2"-60"Ball Valves		
		CAST	A216 A352	WCB, WCC, WC5, WC6, WC9, WC12(A) LCB, LCC	Class 150-2500 2"- 60" Class 150-2500		
	STAINLESS STEEL	FORGED	A182	F304, F304L, F316, F316L. F321, F347, F5, F9, F11, F12, F22, F91, F92 F51, F53, F55 ALLOY 20, B148	1/2"-2" Gate, Globe Check Valves 1/2"-60"Ball Valves Class 150 -2500		
		CAST	A351	CF3, CF3M, CF8, CF8C, CF8M, CD4MCU, CW12MW, Al Bronze	2"-60" Class 150 -2500		
STUD BOLTS			A193 A320	B7, B7M, B8, B8M L7, L7M	1/4"- 3" 1/4"- 2"		
NUTS			A194	2H, 2HM, Gr4, Gr8, Gr8M	5/8″- 3″		
PRODUCT	CLASSIFICA	TION MAT	FRIAI		RANGE		

PRODUCT	CLASSIFICATION	MATERIAL	RANGE
	SPIRAL WOUND GASKETS	CARBON STEEL/STAINLESS STEEL WITH OUTER, INNER RING & WINDING	1/4″- 48″
GASKETS	NON-ASBESTOS SOFT CUT GASKETS	COMPRESSED FIBRE JOINTING MATERIAL - NEOPRENE, EPDM, VITON, NBR & SILICON	1/4″- 48″
	RING JOINT GASKETS	SOFT IRON, STAINLESS STEEL- 304, 316/316L IN R, RX, BX, API 16.20 & API 6A	1/2″- 24″















### **PIPES/TUBES**

Supplier of a wide range of seamless and welded pipes in all grades - carbon steel, alloy steel, stainless steel, duplex, super duplex and higher alloys in sizes from 1/8" to 120" NPS.

### **FITTINGS**

Supplier of forged and butt-weld fittings in all sizes, grades and construction from 1/2" to 96" NPS.

### **FLANGES**

Supplier of a wide range of **ASME flanges** in class 150 to 2500 and API flanges in class 2000 to 20000. Flanges such as swivel, orifice assembly, anchor and long weld-neck flanges in standard dimensions can also be supplied.

### **VALVES**

Supplier of gate, globe, check, ball, butterfly valves etc. in all varieties of carbon steel, stainless steel, duplex and other special alloys. We also provide hydro testing, valve automation and retrofitting services.

### STUD BOLTS

Supplier of stud bolts for high temperature and high tensile applications in carbon steel, alloy and stainless steel

Higher alloys can also be supplied.

### **GASKETS**

Supplier of **spiral wound**, ring joint gaskets and other types in all metal grades and construction as well as insulation kits.



## **INCHES UNITS**

ANSI PIPE SCHEDULE

OD=inches Wall thickness=inches Weight=Ibs/ft, VoI/ft=ft

NOMINAL	OD														FIGURES BASED ON AUSTENITIC STEEL				SHIPPING
PIPE SIZE INCHES	OD INCHES	10	20	30	STD	40	60	XS	80	100	120	140	160	xxs	5S	10S	408	80S	Vol/ft ft₃
1/8	0.405				0.068	0.068		0.095	0.095							0.049	0.068	0.095	0.004
1/4	0.540				0.088	0.088		0.119	0.119 0.54							0.065	0.088	0.119 0.54	0.007
3/8	0.675				0.091	0.091		0.126 0.74	0.126 0.74							0.065	0.091	0.126 0.74	0.011
1/2	0.840				0.109 0.85	0.109 0.85		0.147 1.09	0.147 1.09				0.188	0.294	0.065 0.54	0.083	0.109 0.85	0.147 1.09	0.014
3/4	1.050				0.113	0.113 1.13		0.154	0.154 1.48				0.219 1.95	0.308	0.065	0.083	0.113	0.154 1.48	0.025
1	1,315				0.133	0,133 1.68		0,179 2.17	0,179 2.17				0.250	0.358	0.065 0.87	0,109	0.133	0,179 2,17	0.039
1 1/4	1.660				0.140 2.27	0.140 2.27		0.191 3.00	0.191 3.00				0.250	0.382	0.065	0.109	0.140 2.27	0.191 3.00	0.064
1 1/2	1.900				0.145 2.72	0.145 2.72		0.200 3.63	0.200 3.63				0.281 4.86	0.400	0.065 1.28	0.109	0.145 2.72	0.200 3.63	0.081
2	2.375				0.154 3.66	0.154 3.66		0.218 5.03	0.218 5.03				0.344 7.47	0.436 9.04	0.065 1.61	0.109 2.64	0.154 3.66	0.218 5.03	0.127
2 1/2	2.875				0.203 5.80	0.203 5.80		0.276 7.67	0.276 7.67				0.375 10.02	0.552 13.71	0.083 2.48	0.120 3.53	0.203 5.80	0.276 7.67	0.187
3	3.500				0,216 7,58	0,216 7,58		0.300 10.26	0.300 10.26				0.438	0.600	0.083	0.120 4.34	0.216 7.58	0.300 10.26	0.279
3 1/2	4.000				0.226 9.12	0.226 9.12		0.318 12.52	0.318 12.52						0.083 3.48	0.120 4.98	0.226 9.12	0.318	0.364
4	4.500				0.237 10.80	0.237 10.80		0.337 15.0	0.337 15.0		0.438 19.02		0.531 22.53	0.674 27.57	0.083	0.120 5.62	0.237	0.337 15.00	0.459
5	5.563				0.258 14.63	0.258 14.63		0.375 20.80	0.375 20.80		0.500 27.06		0.625 32.99	0.750 38.59	0.109 6.36	0.134 7.78	0.258 14.63	0.375 20.80	0.703
6	6.625				0.280 18.99	0.280 18.99		0.432 28.60	0.432 28.60		0.562 36.43		0.719 45.39	0.864 53,21	0.109 7.59	0.134 9.30	0.280 18.99	0.432 28.60	0.989
8	8.625		0.250 22.38	0.277 24.72	0.322 28.58	0.322 28.58	0.406 35.67	0.500 43.43	0.500 43.43	0.594 51.00	0.719 60.77	0.812 67.82	0.906 74.76	0.875 72.49	0.109 9.92	0.148 13.41	0.322 28.58	0.500 43.43	1.695
10	10.750		0.250 28.06	0.307 34.27	0.365 40.52	0.365 40.52	0.500 54.79	0.500 54.79	0.594 64.49	0.719 77.10	0.844 89.38	1.000 104.23	1.125 115.75	1.000 104.23	0.134 15.21	0.165 18.67	0.365 40.52	0.500 54.79	2.613
12	12.750		0,250 33,41	0.330 43.81	0.375 49.61	0.406 53.57	0.562 73.22	0.500 65.48	0.688 88.71	0.844 107.42	1.000 125.61	1.125 139.81	1.312 160.42	1.000 125.61	0.156 21.00	0.180 24.19	0.375 49.61	0.500 65.48	3.673
14	14.000	0.250 36.75	0.312 45.65	0.375 54.62	0.375 54.62	0.438 63.50	0.594 85.13	0.500 72.16	0.750 106.23	0.938 130.98	1.094 150.93	1.250 170.37	1.406 189.29		0.156 23.09	0.188 27.76			4.450
16	16.000	0.250 42.09	0.312 52.32	0.375 62.64	0.375 62.64	0.500 82.85	0.656 107.60	0.500 82.85	0.844 136.74	1.031 164.98	1.219 192.61	1.438 223.85	1.594 245.48		0.165 27.93	0.188 31.78			5.827
18	18.000	0.250 47.44	0.312 58.99	0.438	0.375 70,65	0.562 104,76	0.750 138,30	0.500 93.54	0.938	1.156 208.15	1.375	1.562 274.48	1.781 308.79		0.165 31.46	0.188 35,80			7.345
20	20.000	0.250 52.78	0.375	0.500	0.375	0.594	0.812 166.56	0.500	1.031	1.281 256.34	1.500	1.750	1.969		0.188	0.218 46.10			9.111
22	22.000	0.250	0.375	0.500	0.375		0.875 197.60	0.500	1.125 251.05	1.375	1.625 353.94	1.875 403.38	2.125 451.49		0.188	0.218			11.018
24	24.000	0.250 63.47	0,375 94,71	0.562	0.375 94.71	0.688 171.45	0,969	0.500	1,219	1.531	1.812 429.79	2.062 483,57	2.344 542,64		0.218	0.250			13,137
26	26.000	0.312 85.68	0.500		0.375			0.500											15.361
28	28.000	0.312 92.35	0.500 146.99	0.625 182.90	0.375			0.500 146.99											17.833
30	30.000	0.312	0.500	0.625 196.26	0.375			0.500							0.250 79.51	0.312			20.482
32	32.000	0.312	0.500	0.625 209.62	0.375	0.688		0.500											23.307
34	34.000	0.312	0.500	0.625	0.375	0.688		0.500 179.06											26.344
36	36.000	0.312	0.500	0.625 236.35	0.375	0.750 282.62		0.500 189.75											29.487
38	38.000				0.375			0.500											32.877
40	40.000				0.375			0.500											36.444
42	42.000				0.375			0.500											40.187
44	44.000				0.375 174.88			0.500 232.51											44.107
46	46.000				0.375 182.90			0.500 243.20											48.168
48	48.000				0.375 190.92			0.500 253.89											52.441

+968 24267806

Building No.516 Block No.383 Plot No.169 Seeb, Muscat Sultanate of Oman

sale@awadiprojects.com www.awadiprojects.com



