

SARA ENGINEERING SPECIFICATION (SES)

DATA : 06/11 /2015

Sl. No.	SES No.	Title	Effect. Date	Rev.	Issue
1	SES 26-320	MATERIAL SPECIFICATION FOR HOMOGENOUS NBR (NITRILE) ELASTOMER	20.10.2011	1	A
2	SES 26-320B	MATERIAL SPECIFICATION FOR FLUOROCARBON (VITON) ELASTOMER	20.10.2012	0	A
3	SES 26-321	AISI 1020 MATERIAL SPECIFICATION FOR LOW PRESSURE HAMMER UNION	20.10.2011	1	C
4	SES 26-322	AISI 1040 CARBON STEEL FORGED OR WROUGHT 60,000 MINIMUM YIELD HAMMER UNION	20.10.2011	1	C
5	SES 26-323	AISI 4130 LOW ALLOY STEEL FORGED OR WROUGHT 75,000 MINIMUM YIELD FOR HIGH PRESSURE HAMMER UNION (STANDARD SERVICE)	29.09.2012	2	C
6	SES 26-324	AISI 4140 LOW ALLOY STEEL FORGED OR WROUGHT 75,000 MINIMUM YIELD FOR HIGH PRESSURE HAMMER UNION (STANDARD SERVICE)	20.10.2011	1	B
7	SES 26-325	ASTM A-216 Gr WCB MATERIAL SPECIFICATION FOR LOW CARBON STEEL FOR LOW PRESSURE HAMMER UNION	20.10.2011	1	A
8	SES 26-389	ASTM A-105 Gr 85 B MATERIAL SPECIFICATION FOR CARBON STEEL FORGING IMPACT TESTED AT 30°C OR LOWER 42J/32J	12.07.2013	2	C
9	SES 26-590	GENERAL REQUIREMENT FOR FORGED OR WROUGHT MATERIALS PSL 1, 2, 3 & 4	29.10.2012	2	D
10	SES 26-601	EN-19 LOW ALLOY STEEL FORGED OR WROUGHT 75,000 MINIMUM YIELD FOR HIGH PRESSURE HAMMER UNION (STANDARD SERVICE)	20.10.2011	1	B
11	SES 26-602	SURFACE TREATMENT SPECIFICATION, PAINT	23.09.2012	2	B
12	SES 26-603	AISI 4140 LOW ALLOY STEEL FORGED OR WROUGHT 75,000 MINIMUM YIELD TO NACE 0175/ISO 15156-2 AND API 16C FOR SOUR SERVICE, IMPACT TESTED AT '-20°F OR LOWER 20.3J/13.5J	20.10.2011	1	D
13	SES 26-604	AISI 4130 LOW ALLOY STEEL FORGED OR WROUGHT 75,000 MINIMUM YIELD TO NACE 0175/ISO 15156-2 AND API 6A AND API 16C FOR SOUR SERVICE, IMPACT TESTED AT '-29°C(''-20°F) OR LOWER 20J/14J	09.05.2015	4	D
14	SES 26-606	PROCEDURE WELDING CONSUMABLES AND BAKING ELECTRODE REQUIREMENTS.	12-10-2008	0	B
15	SES 26-610	PROCEDURE FOR CUSTOMER PROPERTY.	14-01-2014	1	A
16	SES 26-612	SPECIFICATION FOR CRITICAL, HIGH LOAD BEARING ALLOY 718 COMPONENTS AS PER API 6A 718.	05.07.2012	0	A
17	SES 26-613	WROUGHT ALLOY 925 (120/90) NICKEL BASE ALLOY FOR H2S, CO2, CL & LOW TEMPERATURE SERVICE.	05-07-2012	0	A
18	SES 26-614	Nickel Base alloy-Inconel 718 (150/120)	05.07.2012	0	A
19	SES 26-615	AISI 1008 MATERIAL SPECIFICATION FOR LOW CARBON STEEL	20.10.2011	1	C
20	SES 26-616	SPECIFICATION FOR GENERAL REQUIREMENT OF POST WELD HEAT TREATMENT (SR)	20.10.2011	1	A
21	SES 26-617	EN-8 CARBON STEEL FORGED OR WROUGHT 60,000 MINIMUM YIELD HAMMER UNION	10.01.14	2	B
22	SES 26-700	ASTM A-181 MATERIAL SPECIFICATION CARBON STEEL FOR LOW PRESSURE HAMMER UNION	07.02.2014	2	B
23	SES 26-701	LIQUID PENETRANT INSPECTION PROCEDURE	10.11.2012	2	-
24	SES 26-702	ULTRASONIC INSPECTION PROCEDURE	10.11.2012	2	-
25	SES 26-703	RADIOGRAPHIC INSPECTION PROCEDURE	10.11.2012	2	-
26	SES 26-704	HARDNESS TESTING PROCEDURE	20.10.2011	1	-
27	SES 26-705	APPLICATION FOR API MONOGRAM	20.10.2011	1	A
28	SES 26-707	MATERIAL SPEC. API STUDS AND BOLTS OF MODIFIED AISI 4340 OR 8630 MODIFIED, FOR STANDARD SERVICE.	20-10-2011	1	A
29	SES 26-709	MATERIAL SPEC. ALLOY STEEL PLATE, AISI 4130-ULTRASONICALLY INSPECTED FOR STANDARD AND H2S SERVICE-LOW TEMPERATURE SERVICE (HB 197-135).	20-10-2011	1	A
30	SES 26-717	WELD PROCEDURE QUALIFICATION REQUIREMENTS	20.10.2011	1	A
31	SES 26-719	STORAGE OF ELASTOMER PARTS.	20-10-2011	1	A
32	SES 26-720	AISI SS 316 / 316LMATERIAL SPECIFICATION FOR STAINLESS STEEL	06.07.2013	1	C
33	SES 26-722	AISI 410 STAINLESS STEEL FORGED OR HOT ROLLED BARS 75,000 MINIMUM YIELD TO NACE 0175/ISO 15156-2 FOR STANDARD SERVICE, IMPACT TESTED AT '-20°C OR LOWER 27J/18J	09.05.2013	2	A
34	SES 26-723	MATERIAL SPECIFICATION FOR INCOLOY 625 MATERIAL SPECIFICATION FOR SOLUTION ANNEALED CONDITION	20.10.2011	1	B
35	SES 26-724	MATERIAL SPECIFICATION INCOLOY 825	20.10.2011	1	B
36	SES 26-724A	MATERIAL SPECIFICATION FOR INCOLOY 825 NICKLE BASE ALLOY SPIN CAST FOR RING JOINT GASKET	20.10.2011	1	C
37	SES 26-725	ASTM A-193 Gr B7 FOR ALLOY STEEL AND BOLTING MATERIAL	20.10.2011	1	A
38	SES 26-726	ASTM A-194 Gr 2H FOR ALLOY STEEL AND BOLTING MATERIAL	20.10.2011	1	A
39	SES 26-727	AISI 4130 (MODIFIED) ALLOY STEEL FORGED OR WROUGHT 75,000 MINIMUM YIELD TO NACE 0175/ISO 15156-2 AND API 6A AND API 16C FOR SOUR SERVICE, IMPACT TESTED AT '-29°C(''-20°F) OR LOWER 20J/14J	20.10.2011	1	A
40	SES 26-728	AISI 4140 (MODIFIED) ALLOY STEEL FORGED OR WROUGHT 75,000 MINIMUM YIELD TO NACE 0175/ISO 15156-2 AND API 16C FOR SOUR SERVICE, IMPACT TESTED AT '-46°C(''-20°F) OR LOWER 27J/20J	20.10.2011	1	A
41	SES 26-729	PROCEDURE FOR VISUAL EXAMINATION	20.10.2011	1	A
42	SES 26-730	APPLICATION OF ZINC PHOSPHATE COATING TO CARBON AND LOW ALLOY STEELS (NOV)	20.10.2011	1	A
43	SES 26-731	APPLICATION OF ZINC PLATING TO CARBON AND LOW ALLOY STEELS (API)	20.10.2011	1	A
44	SES 26-731A	APPLICATION OF ZINC PLATING TO CARBON AND LOW ALLOY STEELS (LONESTAR)	20.10.2011	1	A
45	SES 26-731B	APPLICATION OF ZINC PLATING TO CARBON AND LOW ALLOY STEELS (FMC)	20.10.2011	3	A
46	SES 26-732	AISI SS 304 MATERIAL SPECIFICATION FOR STAINLESS STEEL	22.07.2013	2	B
47	SES 26-733	MATERIAL SPECIFICATION AUSTENITIC STAINLESS STEEL 254 SMO	20.10.2011	1	A
48	SES 26-734	MATERIAL SPECIFICATION STRUCTURAL STEEL	20.10.2011	1	A
49	SES 26-735	APPLICATION OF CADMIUM PLATING TO CARBON AND LOW ALLOY STEELS	20.10.2011	1	A
50	SES 26-735A	CADMIUM PLATING SPECIFICATION FOR FASTENERS 0.0002 INCH THICK (FMC)	20.10.2011	1	A
51	SES 26-735B	CADMIUM PLATING SPECIFICATION FOR FASTENERS 0.0005 INCH THICK (FMC)	20.10.2011	1	A
52	SES 26-736	SILVER PALLADIUM/ELECTRO DEPOSIT /BRUSH PLATING COATING	20.10.2011	1	A
53	SES 26-737	LOW CARBON STEEL FORGING BAR STOCK OR MILL SHAPES TO MEAT ASTM A-350 Gr LF-2 CLASS 1	13.05.2013	2	A
54	SES 26-737A	LOW CARBON STEEL FORGING BAR STOCK OR MILL SHAPES TO MEAT ASTM A-350 Gr LF-2 CLASS 1	13.05.2013	2	A
55	SES 26-738	CHARPY IMPACT TEST REQUIREMENTS	17.05.2013	2	A
56	SES 26-739	GENERAL SPECIFICATION FOR STEEL FORGING	20.10.2011	1	A
57	SES 26-740	SPECIFICATION FOR GENERAL REQUIREMENTS OF HEAT TREATMENT OF ALLOY STEELS FOR USE IN WELL HEAD , CHRISTMAS TREE, MANIFOLD AND RELATED EQUIPMENT	20.10.2011	1	A
58	SES 26-741	SPECIFICATION FOR SILVER PLATING THICKNESS INSPECTION	13.03.2013	2	A
59	SES 26-742	SPECIFICATION FOR SALT SPRAY TESTING	20.10.2011	1	A
60	SES 26-743	QUALIFICATION, CERTIFICATION AND TRAINING OF NDT PERSONNEL	04.05.2015	4	
61	SES 26-744	GENERAL REQUIREMENT'S FOR RAW MATERIAL	20.10.2011	1	A
62	SES 26-745	SPECIFICATION FOR ZINC PLATING	13.03.2014	2	A
63	SES 26-746	SPECIFICATION FOR GENERAL REQUIREMENT OF BRAZING TUNGSTEN CARBIDE TO AISI 4130 MATERIAL	20.10.2011	1	A
64	SES 26-747	AISI 1008-1022 MATERIAL SPECIFICATION FOR LOW CARBON STEEL	20.10.2011	1	A

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65	SES 26-748	MATERIAL SPECIFICATION FOR STRUCTURAL STEEL PLATES, BARS AND OTHER LOW CARBON MILL SHAPES WITH 50KSI (345MPA) YIELD STRENGTH	20.10.2011	1	A
66	SES 26-749	AISI 1006-1010 MATERIAL SPECIFICATION FOR SOFT IRON	20.10.2011	1	A
67	SES 26-750	MATERIAL SPECIFICATION FOR INCOLOY 825 NICKLE BASE ALLOY SPIN CAST FOR RING JOINT GASKET	20.10.2011	2	A
68	SES 26-751	HYDRO TESTING GATE VALVE	20.10.2011	1	A
69	SES 26-752	HYDRO TESTING CHOKE	20.10.2011	1	A
70	SES 26-753	HYDRO TESTING REMOTE DRILLING CHOKE	20.10.2011	1	A
71	SES 26-754	HYDRO TESTING CROSS TEE MANIFOLD	20.10.2011	1	A
72	SES 26-755	SPECIFICATION FOR PAINTING WELLHEAD EQUIPMENT.	20-12-2011	0	A
73	SES 26-756	8630 75 KSI (517MPA) FORGING/BAR STOCK,H2S COMPATIBLE	11.03.2013	0	A
74	SES 26-757	8630 75 KSI (517MPA) FORGING/BAR STOCK,H2S COMPITABLW	09.05.2013	1	A
75	SES 26-758	STRUCTURAL STEEL PLATES, ANGLES, CHANNELS, TUBES AND OTHER LOW CARBON MILL SHAPES	09.05.2013	0	A
76	SES 26-759	FORGINGS STAINLESS STEEL ASTM A182-F6NM API 75K H2S AND CO2 SERVICE	09.05.2013	0	A
77	SES 26-760	MATERIAL SPECIFICATION FOR ASTM A-453 Gr. 660 CLASS A,B,C FOR ALLOY STEEL BOLTING MATERIAL	17.06.2013	0	A
78	SES 26-761	Procedure for Ultrasonic Testing for Forging, Bar Stocks & Mill Shapes	25.04.2014	1	-
79	SES 26-765	Material Specification for ASTM A -694 Gr f60 FOR Forged Bar Blanks & closed die for FORGINGIG	19.09.2013	0	A
80	SES 26-767	AISI 1040 CARBON STEEL FORGED OR WROUGHT 60,000 MINIMUM YIELD FOR SOUR SERVICE API 6A FLANGE (PSL-1 & PSL-2)	01.01.2014	0	A
81	SES 26-768	AISI 1040 CARBON STEEL FORGED OR WROUGHT 60,000 MINIMUM YIELD FOR SOUR SERVICE API 6A FLANGE (PSL-3 & PSL-4)	01.01.2014	0	A
82	SES 26-769	PROCEDURE FOR VALIDATION OF SOURCED PROCESSES (HT / PLATING / NDT)	30.05.2014	1	A
83	SES 26-770	MATERIAL SPECIFICATION FOR SURKLIN-102	06-08-14	0	A
84	SES 26-771	MATERIAL SPECIFICATION AEROGUARD PR-303 LT-HD	06-08-14	0	A
85	SES 26-772	MATERIAL SPECIFICATION FOR SURSEAL-701	06-08-14	0	A
86	SES 26-773	MATERIAL SPECIFICATION FOR AEROCOTE 4 MANGANESE PHOSPHATE APPLIED BY IMMERSION	06-08-14	0	A
87	SES 26-774	PHOSPHATE COATING FOR CARBON STEEL PARTS (AS PER FMC)	24-07-14	0	A
88	SES 26-775	MAGNESE/NICKEL PHOSPHATE COATING FOR CARBON & LOW ALLOY STEEL PARTS TO DECREASE FRICTION & GALLING (AS PER FMC)	24-07-14	0	A
89	SES 26-776	MATERIAL SPECIFICATION FLUOROCARBON (VITON) ELASTOMER	24-07-14	0	A
90	SES 26-777	AISI 304L, 30KSI (207 MPA), FORGING /BARSTOCK / RING GASKET: LIMITED TO 140F (60C) MAXIMUM TEMPRETURE & 15 PSIA (100 KPA) MAX H2S	16-09-14	0	A
91	SES 26-778	EN9 CARBON STEEL FORGED OR WROUGHT 45000 MIN. YIELD	16.09.2014	0	A
92	SES 26-779	DIE STEEL MATERIAL SPECIFICATION FOR DB-6 AS PER DIN 17350, MATERIAL NO. 1.27114-56 Ni Cr Mo V7	20-09-14	0	A
93	SES 26-780	BRASS-NAVAL CORROSION RESISTANT SHEAR PIN	24.07.2014	0	A
94	SES 26-781	AISI-4715, CARBURIZING GRADE, 95KSI YIELD FOR SWIVEL JOINTS	1/6/2015	0	A
95	SES 26-782	SG (Spheroidal Graphite Iron Castings / Nodular Iron Castings) Iron Casting Material (Gr.450/10), Specification For Iron Casting	7/16/2015	0	A
96	SES 26-787	FOR MOLYBDENUM DISULFIDE (MoS2)	15-05-2015	0	A
97	SES 26-788	FOR XYLAN 1424/D6580 (RED) #181	15-05-2015	0	A
98	SES 26-789	FOR XYLAN 1424/F9459 (RED OXIDE)	15-05-2015	0	A
99	SES 26-790	FOR EVER-SILK 1201 BASECOAT / BARRIER COATING	15-05-2015	0	A
100	SES 26-791	FOR EVER-SILK 1301 (PROTECTIVE COATINGS)	15-05-2015	0	A
101	SES 26-792	STRUCTURAL STEEL 51KSI (355 MPA) PLATES, ANGLES, CHANNELS AND OTHER LOW CARBON STEEL MILL SHAPES	08-09-2015	0	A
102	SSE-QAD-MT-1/97	PROCEDURE FOR MAGNETIC PARTICLE TESTING	25.04.2014	4	-
103	SSE-QAD-VE-93	PROCEDURE FOR VISUAL EXAMINATION OF STEEL CASTING/ FORGING AND WELDING JOINTS	10.11.2012	2	-