

SHORT REFERENCE LIST COLUMN / REACTOR

Pos.	Item	Material	Design Pressure	Diameter (mm)	Length (mm)	Fluid	Code	Customer	Engineering	Inspection	Description	User/Installation	Country	Year
1	TAG No.: C-0430	SA 516 Gr.70	10	1875	33800	HYDROCARBON MIXTURE OF C4-C5+	ASME VIII DIV. 1	BAKER HUGHES	CUSTOMER	ASME	DEBUTANIZER COLUMN	SGC / GAS DEFLARING NASIRYA	IRAQ	2021
2	TAG No.: C-0420	SA 516 Gr.70	24	3065	45900	HYDROCARBON MIXTURE OF C3-C5+	ASME VIII DIV. 1	BAKER HUGHES	CUSTOMER	ASME	DEPROPANIZER COLUMN	SGC / GAS DEFLARING NASIRYA	IRAQ	2021
3	TAG No.: C-0410	SA 516 Gr.70	32	4100	40250	HYDROCARBON MIXTURE OF C2-C5+	ASME VIII DIV. 1	BAKER HUGHES	CUSTOMER	ASME	DEETHANIZER COLUMN	SGC / GAS DEFLARING NASIRYA	IRAQ	2021
4	TAG No.: C-0202	SA 516 Gr.70	40	2280	31100	HYDROCARBON MIXTURE OF C1-C5+	ASME VIII DIV. 1	BAKER HUGHES	CUSTOMER	ASME	CONDENSATE STRIPPER	SGC / GAS DEFLARING NASIRYA	IRAQ	2021
5	TAG No.: 11-T-003	SA 516 Gr.70 + 316L CLAD 3 mm	3,5 + F.V.	2136	29100	ACID GAS / AMINE / SOUR WATER	ASME VIII DIV. 1	ENPPI	ANOPC, TECHNIP ENERGIES, ENPPI	U-STAMP	AMINE REGENERATOR	ANOPC / ASSIUT HYDROCRACKING COMPLEX	EGYPT	2021
6	TAG No.: 11-T-002	SA 516 Gr.70	5,3 + F.V.	2032	17100	TREATED GAS / WATER / AMINE	ASME VIII DIV. 1	ENPPI	ANOPC, TECHNIP ENERGIES, ENPPI	U-STAMP	TGT AMINE ABSORBER	ANOPC / ASSIUT HYDROCRACKING COMPLEX	EGYPT	2021
7	TAG No.: 01-T-002	SA 516 Gr.70 + 316L CLAD 3 mm	3,5 + H.V.	1226	21180	HYDROCARBON + MDEA	ASME VIII DIV. 1	ENPPI	ANOPC, TECHNIP ENERGIES, ENPPI	U-STAMP	SOUR VDU OFF GASES	ANOPC / ASSIUT HYDROCRACKING COMPLEX	EGYPT	2021
8		SA 240 Tp.304/304L	12	824	8000	WATER + WOODWEN CHIPS	EN 13445	IMAL	CUSTOMER	PED	DIGESTER VESSEL			2020
9	TAG No.: 11-T-06	SA 516 Gr.70	13,8	1256	10100	NAPHTA	ASME VIII DIV. 1	TECHNIP FMC	MIDOR, TECHNIP FMC	ASME	DEBUTANIZER	MIDOR REFINERY EXPANSION / ALEXANDRIA EGYPT	EGYPT	2020
10	TAG No.: 19-T-04	SA 516 Gr.70 + 304L CLAD 3 mm	10,5 + F.V.	3858	29600	HYDROCARBON	ASME VIII DIV. 1	ENPPI	MIDOR, TECHNIP FMC	ASME	PITCH STRIPPER COLUMN	MIDOR REFINERY EXPANSION / ALEXANDRIA EGYPT	EGYPT	2020
11	TAG No.: 19-T-03	SA 516 Gr.70	10,5 + F.V.	1424	17300	HYDROCARBON	ASME VIII DIV. 1	ENPPI	MIDOR, TECHNIP FMC	ASME	DAO STRIPPER COLUMN	MIDOR REFINERY EXPANSION / ALEXANDRIA EGYPT	EGYPT	2020
12	TAG No.: 17-T-05	SA 516 Gr.70	12,6	1828	31100	LIGHT HYDROCARBON	ASME VIII DIV. 1	ENPPI	MIDOR, TECHNIP FMC	ASME	DEBUTANIZER COLUMN	MIDOR REFINERY EXPANSION / ALEXANDRIA EGYPT	EGYPT	2020
13	TAG No.: 17-T-04	SA 516 Gr.70	3,5	1116	19250	HC + MDEA	ASME VIII DIV. 1	ENPPI	MIDOR, TECHNIP FMC	ASME	AMINE GAS SCRUBBER	MIDOR REFINERY EXPANSION / ALEXANDRIA EGYPT	EGYPT	2020
14	TAG No.: 17-T-03	SA 516 Gr.70 + 304L CLAD 3 mm	3,5	1424	17750	HYDROCARBONS	ASME VIII DIV. 1	ENPPI	MIDOR, TECHNIP FMC	ASME	DIESEL STRIPPER COLUMN	MIDOR REFINERY EXPANSION / ALEXANDRIA EGYPT	EGYPT	2020
15	TAG No.: 17-T-02	SA 516 Gr.70	3,5	1424	14400	HYDROCARBONS	ASME VIII DIV. 1	ENPPI	MIDOR, TECHNIP FMC	ASME	KEROSENE STRIPPER	MIDOR REFINERY EXPANSION / ALEXANDRIA EGYPT	EGYPT	2020
16	TAG No. 60C1810-60C1820-60C1830-60C1840	ASTM A 240 Tp.304/304	3 + H.V.	2116	9375	SUGAR SYRUP 30 BRIX (DENSITY 1.1) + WATER (DENSITY 0.97) + GRANULAR ACTIVATED CARBON + COMPRESSED AIR	EN 13445	EURODIA	CUSTOMER	PED	CARBON COLUMNS	LEUNA PROJECT	GERMANY	2020
17	ITEM: 2281V001	SA 240 Tp.304/304L	0,44	610	5350	AMMONIA WATER	ASME VIII DIV. 1	THYSSEN KRUPP	PETROJET, THYSSEN KRUPP	U-STAMP	VENT STACK	NCIC EL NASR COMPANY FOR INTERMEDIATE CHEMICALS / FERTILIZER COMPLEX	EGYPT	2019
18	ITEM: 2251C001	SA 240 UNS S31803 - SAF2205	11 + F.V.	610	4540	AMMONIA WATER (6.1wt.%NH3), CARBAMATE GAS/CARBAMATE SOLUTION	ASME VIII DIV. 1	THYSSEN KRUPP	PETROJET, THYSSEN KRUPP	U-STAMP	MP ABSORBER	NCIC EL NASR COMPANY FOR INTERMEDIATE CHEMICALS / FERTILIZER COMPLEX	EGYPT	2019
19	ITEM: 2281C003	SA 240 Tp.316/316L	21 + F.V.	1552	21700	AMMONIA WATER	ASME VIII DIV. 1	THYSSEN KRUPP	PETROJET, THYSSEN KRUPP	U-STAMP	HYDROLIZER	NCIC EL NASR COMPANY FOR INTERMEDIATE CHEMICALS / FERTILIZER COMPLEX	EGYPT	2019
20	ITEM: 2281C001	SA 240 Tp.304/304L	6,2 + F.V.	1070	28660	NH3(WATER), NH3(GAS), CO2(GAS), H2O (L+V)	ASME VIII DIV. 1	THYSSEN KRUPP	PETROJET, THYSSEN KRUPP	U-STAMP	DESORPTION COLUMN	NCIC EL NASR COMPANY FOR INTERMEDIATE CHEMICALS / FERTILIZER COMPLEX	EGYPT	2019
21	ITEM: 2231C005	SA 240 Tp.304/304L	2	1062	9100	AMMONIA WATER	ASME VIII DIV. 1	THYSSEN KRUPP	PETROJET, THYSSEN KRUPP	U-STAMP	ATMOSPHERIC ABSORBER	NCIC EL NASR COMPANY FOR INTERMEDIATE CHEMICALS / FERTILIZER COMPLEX	EGYPT	2019
22	ITEM: 2221C002	SA 240 Tp.316/316L	3	912	10450	SULPHUR ACID SCRUBBING SOLUTION	ASME VIII DIV. 1	THYSSEN KRUPP	PETROJET, THYSSEN KRUPP	U-STAMP	ACIDIC SCRUBBER	NCIC EL NASR COMPANY FOR INTERMEDIATE CHEMICALS / FERTILIZER COMPLEX	EGYPT	2019

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23	ITEM: 2221C001	SA 240 Tp.304/304L	5,5 + F.V.	764	8220	AMMONIA WATER / INERT GAS	ASME VIII DIV. 1	THYSSEN KRUPP	PETROJET, THYSSEN KRUPP	U-STAMP	LP ABSORBER	NCIC EL NASR COMPANY FOR INTERMEDIATE CHEMICALS / FERTILIZER COMPLEX	EGYPT	2019
24	ITEM: 3311C001	SA 240 Tp.304/304L	2 + F.V.	3000	9390	AN SOLUTION / VAPOURS	ASME VIII DIV. 1	THYSSEN KRUPP	PETROJET, THYSSEN KRUPP	U-STAMP	VAPOUR SEPARATOR	NCIC EL NASR COMPANY FOR INTERMEDIATE CHEMICALS / FERTILIZER COMPLEX	EGYPT	2019
25	TAG No.: 05-R-51	SA 516 Gr.70	51 + F.V.	1046	12125	HYDROGEN RICH GAS	ASME VIII DIV. 1	TECHNIP FMC	TECHNIP FMC, MIDOR	U-STAMP	METHANATOR REACTOR	MIDOR REFINERY EXPANSION / ALEXANDRIA EGYPT	EGYPT	2019
26	TAG No.: 05-R-52A/B	SA 516 Gr.70	40 + F.V.	2068	17455	HYDROGEN RICH GAS	ASME VIII DIV. 1	TECHNIP FMC	TECHNIP FMC, MIDOR	U-STAMP	REACTOR	MIDOR REFINERY EXPANSION / ALEXANDRIA EGYPT	EGYPT	2019
27	ITEM: C-203	ASTM A 240 Tp.304L	9	1220	15870	ETAC	ASME VIII DIV. 1	DONAU CARBON TECHNOLOGIES	DONAU CARBON TECHNOLOGIES	CHINA Stamp	COLUMN C-203		CHINA	2019
28	C330 (18013-06)	ASTM A 240 Tp.304/304	8 / 9	1012	11626	ETAC / TH 66	ASME VIII DIV. 1	BROFIND	BROFIND	CHINA Stamp	COLUMN C330		CHINA	2018
29	ITEM: C800 A/B/C	SA 516 Gr.70N	10 + F.V.	1672	8400	AZOTO + ISOESANO + ACETATO DI ETILE + THF	EN 13445	I.S.G. IMPIANTI SISTEMA GEL	LYONDELL BASELL	PED	ADSORPTION COLUMNS	LYONDELL BASELL / ISO-EXANE PURIFICATION UNIT (Y800) - FERRARA	ITALIA	2018
30	ITEM: 300-C-001	SA 516 Gr.70N	10	924	20725	NATURAL GAS / CONDENSATE	ASME VIII DIV. 1	EUROTECNICA	EUROTECNICA	U-STAMP	CONDENSATE STABILIS	DENOVO ENERGY BLOCK 1A LTD. / GAS PROCESSING UNIT POINT LISAS	TRINIDAD & TOBAGO	2017