

کسری متريال پايپينگ نواحی و واحد Finishing (پيوست 1)

ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
1	10004	Valve Gate API 600 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB FB, BB, RS GVRF1ANS10 ,Size: 6 x 0d	تعداد	24	
2	10028	VALVE GLOBE BS 1873 FLG 150 LB RF MAX 125AARH BB,RS,DISC TYPE LVRF1ENF10 ASTM A351GR.CF8 CAST ,Size: 6 x 0	تعداد	2	
3	1005	Elbow 90 D LR ASME B16.9 BW Wrought W ASTM A 234 GR. WPB S-STD ,Size: 30 x 0	تعداد	9	
4	10094	Flange Weldneck ASME B16.5 150 LB RF (125-500 AARH) S-40 FRGD. ASTM A 105 ,Size: 6 x 0	تعداد	37	
5	10103	Flange Blind ASME B16.5 FLG 150 LB RF (125-500 AARH) FRGD. ASTM A 105 ,Size: 8 x 0	تعداد	4	
6	1012	Reducer Concentric ASME B16.9 BW Wrought S ASTM A 234 GR. WPB S-20"S-40 ,Size: 8 x 4	تعداد	45	
7	10157	VALVE GATE API 600 FLG LB RF (125-250AARH)(F)FB ,BB,RS, GVRF2DNS11 ASTM A 217 GR.WC6 CAST ,Size: 8 x 0	تعداد	1	
8	10180	Valve Globe BS 1873 FLG 300 LB RF Max. 125 AARH Cast ASTM A 351 GR. CF8 BB,RS,Disc Type LVRF2ENF10G ,Size: 8 x 0	تعداد	1	
9	10242	Flange Weldneck ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 105 S-20 ,Size: 8 x 0	تعداد	20	
10	10316	VALVE GLOBE BS 1873 FLG 150 LB RF (125-500 AARH) FB,BB,RS GVRF1ANS11 ASTM A216 GR.WCB CAST ,Size: 10 x 0	تعداد	1	
11	10322	VALVE GLOBE BS 1873 FLG 300 LB RF (125-250AARH) BB,RS,DUISC TYPE LVRF2DNF11G ASTM A 217 GRWC6 CAST ,Size: 10 x 0	تعداد	1	
12	10324	Valve Globe BS 1873 FLG 300 LB RF Max. 125 AARH Cast ASTM A 216 GR. WCB BB,RS,Disc Type LVRF2ANF11G ,Size: 10 x 0	تعداد	1	
13	10445	VALVE GATE API 600 FLG 150 LB RF (125-500 AARH) FB,BB,RS GVRF1ANS10 ASTM A 216 GR. WCB CAST ,Size: 12 x 0	تعداد	2	
14	1051	REDUCER ECCENTRIC ASME B16.9 BW S-20xS-40 ASTM A 234 GR. WPB WROUGHT S ,Size: 10 x 6	تعداد	2	
15	10728	Valve Check swing BS 1868 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB FB RTRF1ANS10 ,Size: 16 x 0	تعداد	1	
16	1096	Tee ASME B16.11 SW 3000# FRGD. ASTM A 105 ,Size: 1 x 1	تعداد	1	
17	11096	Valve Check swing BS 1868 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB FB RTRF1ANS10 ,Size: 24 x 0	تعداد	1	
18	11212	Flange Weldneck w/jackscrew ASME B16.47 SERIES B 150 LB RF (125-500 AARH) FRGD. ASTM A 105 Bolt Material:ASTM A193 B7(Electrodep. Zn coated/min25 ,Size: 30 x 0	تعداد	1	
19	11302	60 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2/ASMEB1.1 ELECTRODEPOSITE ZINC COATED WITH YELLOW CHROMATE TREAT. ASTM A193 B7/A194 2H ,Size: 0.5 x 60	تعداد	16	
20	11311	85 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2/ASMEB1.1 ELECTRODEPOSITE ZINC COATED WITH YELLOW CHROMATE TREAT. ASTM A193 B7/A194 2H ,Size: 0.625 x 85	تعداد	21	
21	11315	105 STUD BOLT W/2 HEAVY HEX. NUTS ASME B18.2.2 / ASME B1.1 ELECTRODEPOSITE ZINC COATED (MIN.25 MICRONS) WITH YELLOW CHROMATE ASTM A193 B7/A194 2H ,Size: 0.625 x 105	تعداد	47	
22	11329	125 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ELECTRODEPOSITE ZINC COATED WITH YELLOW CHROMATE TREAT . ASTM A193 B7/A194 2H ,Size: 0.75 x 125	تعداد	23	
23	11330	135 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ELECTRODEPOSITED ZINC COATED WITH YELLOW CHROMATE TREAT . ASTM A193 B7/A194 2H ,Size: 0.75 x 135	تعداد	14	
24	11338	195 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 / ASME B 1.1 ASTM A 193 B7/A194 2H ELECTRODEPOSITED ,Size: 0.75 x 195	تعداد	80	
25	11343	155 STUD BOLT W/2 HEAVY HEX. NUTS ASME B18.2.2 ELECTRODEPOSITED ZINC COATED WITH YELLOW CHOROMATE TREAT. A193 B7 /A194 2H ,Size: 0.875 x 155	تعداد	19	
26	11347	190 STUD BOLT W/2 HEAVY HEX. NUTS ASME B18.2.2 / ASME B1.1 ELECTRODEPOSITE ZINC COATED (MIN.25 MICRONS) WITH YELLOW CHROMATE ASTM A193 B7/A194 2H ,Size: 0.875 x 190	تعداد	36	
27	11348	220 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ELECTRODEPOSITE ZINC COATED WITH YELLOW CHROMATE TREAT.ASTM A193 B7/A194 2H ,Size: 0.875 x 220	تعداد	216	
28	11354	175 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 / ASME B1.1 ASTM A193 B7/A194 2H ELECTRODEPOSITE ZINC COATED(MIN.25 MICRONS) WITH YELLOW ,Size: 1 x 175	تعداد	14	

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29	11398	80 STUD BOLT W/2 HEAVY HEX.NUTS ASME B18.2.2/ASME B1.1 ASTM A 193 B7/A194 2H(CERAMIC CIATED) ,Size: 0.5 x 80	تعداد	1	
30	11403	80 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ASME B1.1 ASTM A193 B7 / A194 2H (CERAMIC COATED) ,Size: 0.625 x 80	تعداد	7	
31	11422	155 STUD BOLT W/2 HEAVY HEX. NUTS ASME B18.2.2/ASME B1.1 ASTM A 193 B7 / A194 2H (CERAMIC COATED) ,Size: 0.75 x 155	تعداد	44	
32	11427	205 STUD BOLT W/2 HEAVY HEX. NUTS ASME B18.2.2 /ASME B1.1 ASTM A 193 B7/A194 2H (CERAMIC COATED) ,Size: 0.75 x 205	تعداد	40	
33	11482	90 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ELECTRODEPOSITED ZINC COATED WITH YELLOW CHROMATE TREAT.ASTM A 193 B7M/A194 2HM ,Size: 0.75 x 90	تعداد	28	
34	11484	110 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ELECTRODEPOSITE ZINC COATED WITH YELLOW CHROMATE TREAT . ASTM A193 B7M/A194 2HM ,Size: 0.75 x 110	تعداد	16	
35	11490	150 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ELECTRODEPOSITE ZINC COATED WITH YELLOW CHROMATE TREAT . ASTM A193 B7M/A194 2HM ,Size: 0.75 x 150	تعداد	32	
36	11515	195 STUD BOLT W/2 HEAVY HEX .NUTS ASME B18.2.2 ELETRODEPOSITED ZINC COATED WITH YELLOW CHOROMATE TREAT. ASTM A 193 B7M/A194 2HM ,Size:	تعداد	80	
37	11531	80 STUD BOLT W/2 HEAVY HEX.NUTS ASME B18.2.2/ASME B1.1 ASTM A 193 B16/A194 4 (CERAMIC COATED) ,Size: 0.5 x 80	تعداد	8	
38	11534	80 STUD BOLT W/2 HEAVY HEX.NUTS ASME B18.2.2/ASME B1.1 ASTM A 193 B16/A194 4 (CERAMIC COATED) ,Size: 0.625 x 80	تعداد	15	
39	11535	90 STUD BOLT W/2 HEAVY HEX.NUTS ASME B18.2.2/ASME B1.1 ASTM A 193 B16/A194 4 (CERAMIC COATED) ,Size: 0.625 x 90	تعداد	46	
40	11543	110 STUD BOLT W/2 HEAVY HEX.NUTS ASME B18.2.2/ASME B1.1 ASTM A 193 B16/A194 4 (CERAMIC COATED) ,Size: 0.75 x 110	تعداد	4	
41	11552	140 STUD BOLT W/2 HEAVY HEX .NUTS ASME B 18.2.2/ASME B1.1 ASTM A 193 B16/A194 4 (CERAMIC COATED) ,Size: 0.875 x 140	تعداد	24	
42	11555	160 STUD BOLT W/2 HEAVY HEX. NUTS ASME B18.2.2 / ASME B1.1 ASTM A193 B16/A194 4 (CERAMIC COATED) ,Size: 1 x 160	تعداد	64	
43	11642	Flange Socketweld ASME B16.5 600 LB RF MAX.125 AARH S-40S ASTM A 182 GR.F304L FRGD. ,Size: 0.5 x 0	تعداد	2	
44	11643	Flange Socketweld ASME B16.5 600 LB RF S-80 (125-500 AARH) FRGD. ASTM A 105 ,Size: 0.5 x 0	تعداد	2	
45	11651	Flange Socketweld ASME B16.5 600 LB RF S-40S (125-500 AARH) FRGD. ASTM A 182 GR. F304L ,Size: 0.75 x 0	تعداد	7	
46	11672	Flange Socketweld ASME B16.5 600 LB RF Max. 125 AARH FRGD. ASTM A 182 GR. F304L S-40S ,Size: 1.5 x 0	تعداد	1	
47	11673	Flange Socketweld ASME B16.5 600 LB RF S-80 (125-500 AARH) FRGD. ASTM A 105 ,Size: 1.5 x 0	تعداد	58	
48	1182	Socketlet MSS SP-97 BWxSW 3000# FRGD. ASTM A 105 ,Size: 8 x 1.5	تعداد	4	
49	11940	Cap ASME B16.11 FTHD 3000# FRGD. ASTM A 105 ,Size: 0.5 x 0	تعداد	100	
50	11943	Cap ASME B16.11 FTHD 3000# FRGD. ASTM A 105 ,Size: 0.75 x 0	تعداد	1	
51	11960	Couple orif.wn-flg 4x1/2" th-tap ASME B16.36 300 LB RF (125-250 AARH) FRGD.ASTM A 105 To be supplied with 2 gaskets & related Bolts and Nuts ORF5 S-40 ,Size: 2 x 0	تعداد	13	
52	12117	Couple orif.wn-flg 4x1/2" th-tap ASME B16.36 300 LB RF Max. 125 AARH FRGD. ASTM A 350 Gr. LF2 Class 1 To be supplied with 2 gaskets & related Bolts and Nuts ,Size: 16 x 0	تعداد	1	
53	1215	Socketlet MSS SP-97 BWxSW 3000# FRGD. ASTM A 105 FRGD ,Size: 30 x 0.5	تعداد	3	
54	1246	Swedge Eccentric MSS SP-95 PEXE Wrought S ASTM A 234 GR. WPB S-80'S-80 ,Size: 1.5 x 1	تعداد	2	
55	1265	Flange Weldneck ASME B16.5 150 LB RF (125-250 AARH) FRGD. ASTM A 105 S-40 ,Size: 4 x 0	تعداد	65	
56	1266	Flange Weldneck ASME B16.5 150 LB RF (125-250 AARH) FRGD. ASTM A 105 S-40 ,Size: 6 x 0	تعداد	67	

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57	12818	Valve Gate API 602 SWxFTHD 800# FRGD. ASTM A 182 GR. F304L SB,BB,RS GVST8ENR11 ,Size: 1 x 0	تعداد	1	
58	12828	Valve Gate API 602 SWxFTHD 800# FRGD. ASTM A 182 GR. F304L SB,BB,RS GVST8ENR11 ,Size: 1.5 x 0	تعداد	1	
59	1283	Spectacle blind ASME B16.48 150 LB RF (125-250 AARH) ASTM A 516 GR. 70 From Plate ,Size: 10 x 0	تعداد	1	
60	12913	Drip ring ASME B16.5 150 LB RF (125-500 AARH) From Plate ASTM A 516 GR. 70 2 THD Taps 1/2" with 180 degree ,Size: 2 x 0	تعداد	3	
61	13034	Drip ring ASME B16.5 300 LB RF (125-500 AARH) From Plate ASTM A 240 GR. TP304L 2 THD Taps 1/2" with 180 degree ,Size: 3 x 0	تعداد	3	
62	13141	Valve Ball FB BS EN ISO 17292 With PE Nipples 800# FRGD. ASTM A 105 with 100mm Nipple extension BVRF3AFF10 ,Size: 0.5 x 0	تعداد	1	
63	13142	Valve Ball FB BS EN ISO 17292 With PE Nipples 800# FRGD. ASTM A 182 GR. F304L with 100mm Nipple extension BVSW6ENF11 ,Size: 0.5 x 0	تعداد	32	
64	13185	Valve Plug API 599 WITH PE NIPPLES 800# WITH 100MM NIPPLE EXTENSION PVSW3ANR10 ASTM A 105 FRGD. ,Size: 1 x 0	تعداد	4	
65	13255	Valve Globe API 602 BW 300 LB WB,RS,PISTON TYPE,TA-LUFT AS PER ISO 15848 LVBW3BYF10 S-80 ASTM A350GR.LF2 CLASS 1 FRGD. ,Size: 1.5 x 0	تعداد	6	
66	13257	Valve Ball RB API 6D FLG 300 LB RF Max. 125 AARH Cast ASTM A 351 CF3 Adjustable seal BVRF2ETR11 ,Size: 2 x 0	تعداد	1	
67	13330	60 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ASME B1.1 ASTM A193-B8M CL.2/ASTM A194-8MA ,Size: 0.5 x 60	تعداد	39	
68	13348	110 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2/ ASME B1.1 ASTM A193-B8M CL.2/ASTM A194-8MA ,Size: 0.75 x 110	تعداد	216	
69	13393	220 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 / ASME B1.1 ELECTRODEPOSITE ZINC COATED(MIN.25 MICRONS) WITH YELLOW CHROMATE ASTM A193 B7/A194 2H ,Size: 0.75 x 220	تعداد	97	
70	13415	Spectacle blind ASME B16.48 600 LB RF (125-250 AARH) From Plate ASTM A 516GR. 70 ,Size: 1 x 0	تعداد	13	
71	13419	Spectacle blind ASME B16.48 600 LB RF (125-500 AARH) ASTM A 516 GR. 70 From Plate ,Size: 1 x 0	تعداد	1	
72	13423	Spectacle blind ASME B16.48 600 LB RF (125-250 AARH) From Plate ASTM A 240 GR. TP304L ,Size: 1.5 x 0	تعداد	1	
73	13424	Spectacle blind ASME B16.48 600 LB RF (125-250 AARH) From Plate ASTM A 516 GR. 70 ,Size: 1.5 x 0	تعداد	8	
74	1349	Elbow 45 D LR ASME B16.9 BW S-40 Wrought S ASTM A 234 GR. WPB ,Size: 6 x 0	تعداد	1	
75	13490	VALVE BALL RB API 6D FLG 300 LB RF (125-500 AARH) BVRF1ANR10 ASTM A216 GR. WCB CAST ,Size: 2 x 0	تعداد	1	
76	13538	Cap ASME B16.11 FTTH 3000# FRGD. ASTM A 182 GR. F304L ,Size: 0.5 x 0	تعداد	120	
77	13539	Cap ASME B16.11 FTTH 3000# FRGD. ASTM A 182 GR. F304L ,Size: 0.75 x 0	تعداد	3	
78	13542	Plug ASME B16.11 MTHD FRGD. ASTM A 182 GR. F304L Hex Head ,Size: 0.5 x 0	تعداد	2	
79	13544	Plug ASME B16.11 MTHD FRGD. ASTM A 182 GR. F304L Hex Head ,Size: 1 x 0	تعداد	6	
80	13622	Tee Reducing ASME B16.11 SW LARGE END FTTH SMALL END 3000# ASTM A 105 FRGD. ,Size: 0.75 x 0.5	تعداد	5	
81	13631	Tee Reducing ASME B16.11 SW Large End * FTTH Small End 3000# FRGD. ASTM A 105 ,Size: 1.5 x 0.5	تعداد	41	
82	13632	Tee Reducing ASME B16.11 SW LARGE END * FTTH SMALL END 3000#ASTM A 105 FRGD. ,Size: 1.5 x 0.75	تعداد	3	
83	13648	Flange Blind ASME B16.5 FLG 300 LB RF (125-500 AARH) FRGD. ASTM A 105 ,Size: 3 x 0	تعداد	2	
84	13663	THREADOLET MSS SP-97 BWxFTH 3000# FRGD. ASTM A 182 GR. F304L ,Size: 4 x 0.75	تعداد	1	

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85	13667	THREAOLET MSS SP-97 BWxFTH 3000# FRGD, ASTM A 182 GR. F304L ,Size: 6 x 0.75	تعداد	2	
86	13678	THREAOLET MSS SP-97 BWxFTH 3000# ASTM A 105 FRGD ,Size: 12 x 0.75	تعداد	1	
87	13728	Valve Globe BS 1873 FLG 150 LB RF (125-500 AARH) Cast ASTM A351 GR. CF8 BB,RS,Disc Type LVRF1ANF10N ,Size: 3 x 0	تعداد	1	
88	13737	190 STUD BOLT W/2 HEAVY HEX. NUTS ASME B18.2.2 / ASME B1.1 ELECTRODEPOSITE ZINC COATED (MIN.25 MICRONS) WITH YELLOW CHROMATE ASTM A193 B7/A194 2H ,Size: 0.625 x 190	تعداد	20	
89	13739	150 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ELECTRODEPOSITE ZINC COATED WITH YELLOW CHROMATE TREAT . ASTM A193 B7M/A194 2HM ,Size: 0.625 x 150	تعداد	24	
90	13743	Valve Gate API 600 FLG 300 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB FB,BB,RS GVRF1AFS10H ,Size: 2 x 0	تعداد	2	
91	13746	Valve Gate API 600 FLG 150 LB RF (125-500 AARH) Cast ASTM A 351 GR. CF8 FB,BB,RS GVTH7MNR10M ,Size: 3 x 0	تعداد	1	
92	14409	Spectacle blind ASME B16.48 600 LB RF (125-250 AARH) From Plate ASTM A 516GR. 70 ,Size: 8 x 0	تعداد	2	
93	14549	VALVE BALL RB API 6D FLG 150 LB RF (125-250 AARH) TA-LUFT AS PER ISO 15848 BVRF1EYR10M ASTM A 351 GR.CF8 CAST ,Size: 2 x 0	تعداد	1	
94	14716	Drip ring ASME B16.5 150 LB RF (125-500 AARH) 2THD Taps 1" with 180 degree ASTM A 516 GR. 70 From Plate ,Size: 4 x 1	تعداد	1	
95	1504	Full Coupling ASME B16.11 SW 3000# FRGD. ASTM A 105 ,Size: 1 x 0	تعداد	11	
96	1505	Full Coupling ASME B16.11 SW 3000# FRGD. ASTM A 105 ,Size: 1.5 x 0	تعداد	5	
97	1581	Elbow 90 D LR ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-80S ,Size: 0.5 x 0	تعداد	13	
98	1604	Reducer Concentric ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-80S*S-80S ,Size: 1.5 x 1	تعداد	2	
99	1617	Reducer Concentric ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-10S*S-10S ,Size: 6 x 3	تعداد	1	
100	1695	Tee ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-80S ,Size: 0.5 x 0.5	تعداد	7	
101	1697	Tee ASME B16.9 BW S-80S ASTM A 403 GR. WP304L Wrought W ,Size: 1 x 1	تعداد	1	
102	1698	Tee ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-80S ,Size: 1.5 x 1.5	تعداد	1	
103	1718	Tee Reducing ASME B16.9 BWxBW Wrought S ASTM A 403 GR. WP304L S-80S*S-80S ,Size: 1.5 x 1	تعداد	1	
104	1770	Swedge Concentric MSS SP-95 PEXPE S-40XS-40S ASTM A 403 GR. WP304L Wrought S ,Size: 0.75 x 0.5	تعداد	22	
105	1776	Swedge Concentric MSS SP-95 BEXPE S-10S*S-40S ASTM A 403 GR. WP304L Wrought S ,Size: 2 x 0.5	تعداد	3	
106	1778	Swedge Concentric MSS SP-95 BE>PE Wrought S ASTM A 403 GR. WP304L S-10S*S-40S ,Size: 2 x 1	تعداد	1	
107	1789	Swedge Eccentric MSS SP-95 PEXPE Wrought S ASTM A 403 GR. WP304L S-40S*S-40S ,Size: 1 x 0.5	تعداد	68	
108	1801	Swedge Eccentric MSS SP-95 BE>PE Wrought S ASTM A 403 GR. WP304L S-10S*S-40S ,Size: 3 x 1.5	تعداد	14	
109	1902	Elbow 90 D LR ASME B16.9 BW Wrought S ASTM A 234 GR. WPB S-80 ,Size: 1.5 x 0	تعداد	3	
110	1909	Reducer Concentric ASME B16.9 BW Wrought S ASTM A 234 GR. WPB S-80*S-80 ,Size: 1.5 x 0.5	تعداد	1	
111	1938	Reducer Eccentric ASME B16.9 BW Wrought S ASTM A 234 GR. WPB S-40*S-80 ,Size: 2 x 1	تعداد	4	
112	1943	Reducer Eccentric ASME B16.9 BW S-40 * S-80 ASTM A 234 GR. WPB WROUGHT S ,Size: 3 x 1.5	تعداد	11	

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113	1967	Tee Reducing ASME B16.9 BWxBW Wrought S ASTM A 234 GR. WPB S-80°S-80 ,Size: 1.5 x 0.75	تعداد	1	
114	2000	Swedge Eccentric MSS SP-95 BE>PE Wrought S ASTM A 234 GR. WPB S-40°S-80 ,Size: 2 x 1	تعداد	4	
115	2002	Flange Weldneck ASME B16.5 150 LB RF (125-250 AARH) FRGD. ASTM A 105 S-80 ,Size: 0.5 x 0	تعداد	82	
116	2005	Flange Weldneck ASME B16.5 150 LB RF (125-250 AARH) FRGD. ASTM A 105 S-80 ,Size: 1.5 x 0	تعداد	45	
117	2006	Flange Weldneck ASME B16.5 150 LB RF (125-250 AARH) FRGD. ASTM A 105 S-40 ,Size: 2 x 0	تعداد	61	
118	2015	Spectacle blind ASME B16.48 300 LB RF (125-250 AARH) From Plate ASTM A 516 GR. 70 ,Size: 2 x 0	تعداد	1	
119	2032	Elbow 45 D LR ASME B16.9 BW Wrought S ASTM A 234 GR. WPB S-80 ,Size: 1 x 0	تعداد	16	
120	2033	ELBOW 45 D LR ASME B16.9 BW S-80 ASTM A 234 GR. WPB WROUGHT S ,Size: 1.5 x 0	تعداد	2	
121	2034	Elbow 45 D LR ASME B16.9 BW Wrought S ASTM A 234 GR. WPB S-40 ,Size: 2 x 0	تعداد	2	
122	2129	Reducer Eccentric ASME B16.9 BW Wrought S ASTM A 420 GR. WPL6 S-40°S-80 ,Size: 2 x 1.5	تعداد	2	
123	2141	REDUCER ECCENTRIC ASME B16.9 BW S40XS40 ASTM A 420 GR. WPL6 WROUGHT S ,Size: 6 x 3	تعداد	2	
124	2783	Weldolet MSS SP-97 BWxBW FRGD. ASTM A 105 S-40°S-80 ,Size: 2 x 1.5	تعداد	6	
125	2796	Weldolet MSS SP-97 BWxBW FRGD. ASTM A 105 S-20°S-80 ,Size: 8 x 0.5	تعداد	2	
126	2879	Weldolet MSS SP-97 BWxBW FRGD. ASTM A 350 Gr. LF2 Class 1 S-40°S-80 ,Size: 16 x 1.5	تعداد	1	
127	3032	Flange Blind ASME B16.5 FLG 150 LB RF (125-250 AARH) FRGD. ASTM A 105 ,Size: 0.75 x 0	تعداد	44	
128	3033	Flange Blind ASME B16.5 FLG 150 LB RF (125-250 AARH) FRGD. ASTM A 105 ,Size: 1 x 0	تعداد	1	
129	3049	Flange Blind ASME B16.5 FLG 300 LB RF (125-250 AARH) FRGD. ASTM A 105 ,Size: 0.75 x 0	تعداد	1	
130	3121	Flange Weldneck ASME B16.5 150 LB RF S-80S (125-250 AARH) FRGD. ASTM A 182 GR. F304L ,Size: 0.5 x 0	تعداد	17	
131	3149	Flange Weldneck ASME B16.5 300 LB RF (125-250 AARH) FRGD. ASTM A 105 S-80 ,Size: 1.5 x 0	تعداد	12	
132	3153	Flange Weldneck ASME B16.5 300 LB RF (125-250 AARH) FRGD. ASTM A 105 S-40 ,Size: 4 x 0	تعداد	6	
133	3154	Flange Weldneck ASME B16.5 300 LB RF (125-250 AARH) S-40 ASTM A 105 FRGD. ,Size: 6 x 0	تعداد	11	
134	3156	Flange Weldneck ASME B16.5 300 LB RF (120-250 AARH) S-20 ASTM A105 FRGD. ,Size: 10 x 0	تعداد	2	
135	3773	Valve Globe API 602 SW 800# FRGD. ASTM A 182 GR. F304L WB,RS,Piston TypeLVRF3ETF10 ,Size: 0.75 x 0	تعداد	1	
136	3775	Valve Globe API 602 SW 800# FRGD. ASTM A 182 GR. F304L WB,RS,Piston Type LVRF3ETF10 ,Size: 1.5 x 0	تعداد	2	
137	4169	60 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ASME B1.1 ASTM A193 B8 CL.2/ A194 8A ,Size: 0.5 x 60	تعداد	8	
138	4172	80 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ASME B1.1 ASTM A193 B8 CL.2/A194 8A ,Size: 0.5 x 80	تعداد	9	
139	4189	110 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ASME B1.1 ASTM A193 B8 CL.2/ A194 8A ,Size: 0.75 x 110	تعداد	7	
140	4193	135 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ASME B1.1 ASTM A193 B8 CL.2/ A194 8A ,Size: 0.75 x 135	تعداد	12	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
141	4198	165 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2/ ASME B1.1 ASTM A193 B8 CL.2/A194 8A ,Size: 0.75 x 165	تعداد	12	
142	4201	140 STUD BOLT W/2 HEAVYVY HEX.NUTS ASME B18.2.2/ASME B1.1 ASTM A193 B8 CL.2/A194 8A ,Size: 0.875 x 140	تعداد	24	
143	425	Tee ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L ,Size: 0.75 x 0.75	تعداد	4	
144	4380	ELBOW 45 D ASME B16.11 FTHD 3000# ASTM A 105 HOT DIP GALVANIZED FRGD. ,Size: 0.5 x 0	تعداد	2	
145	4423	CAP ASME B16.11 FTHD 3000# ASTM A105 HOT DIP GALVANIZED FRGD ,Size: 0.75 x 0	تعداد	1	
146	4457	Full Coupling ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized ,Size: 0.75 x 0	تعداد	2	
147	4478	CAP ASME B16.11 FTHD 3000# ASTM A105 HOT DIP GALVANIZED FRGD ,Size: 1 x 0	تعداد	3	
148	4512	Full Coupling ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized ,Size: 1 x 0	تعداد	8	
149	4513	Full Coupling ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F316L ,Size: 1 x 0	تعداد	26	
150	4529	Swedge Eccentric MSS SP-95 PEXPE S40XS40S Wrought S ASTM A 403 GR. WP316L ,Size: 1 x 0.5	تعداد	14	
151	4573	Full Coupling ASME B16.11 FTHD 3000# ASTM A 105 Hot Dip Galvanized FRGD. ,Size: 1.5 x 0	تعداد	2	
152	4606	CAP ASME B16.11 FTHD 3000# ASTM A105 HOT DIP GALVANIZED FRGD ,Size: 2 x 0	تعداد	1	
153	4687	Tee ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized ,Size: 3 x 3	تعداد	1	
154	4728	Tee ASME B16.9 BW Wrought S ASTM A 403 GR. WP316L S-10S ,Size: 3 x 3	تعداد	2	
155	4743	Socketlet MSS SP-97 BWxSW 3000# FRGD. ASTM A 182 GR. F316L ,Size: 3 x 0.75	تعداد	1	
156	4765	Reducer Concentric ASME B16.9 BW Wrought S ASTM A 403 GR. WP316L S-10S*S-10S ,Size: 3 x 2	تعداد	4	
157	4772	Elbow 45 D ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized ,Size: 4 x 0	تعداد	1	
158	4833	Threadolet MSS SP-97 BWxFTH 3000# FRGD. ASTM A 105 Hot Dip Galvanized ,Size: 4 x 1	تعداد	1	
159	4994	Socketlet MSS SP-97 BWxSW 3000# FRGD. ASTM A 182 GR. F316L ,Size: 8 x 1.5	تعداد	1	
160	5085	Reducer Concentric ASME B16.9 BW Wrought W ASTM A 403 GR. WP304L S-40S*S-40S ,Size: 10 x 6	تعداد	1	
161	557	Tee Reducing ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L ,Size: 0.75 x 0.5	تعداد	8	
162	573	Socketlet MSS SP-97 BWxSW 3000# FRGD. ASTM A 182 GR. F304L ,Size: 2 x 0.5	تعداد	1	
163	590	Socketlet MSS SP-97 BWxSW 3000# FRGD. ASTM A 182 GR. F304L ,Size: 8 x 0.75	تعداد	4	
164	7990	Socketlet MSS SP-97 BWxSW 3000# FRGD. ASTM A 105 ,Size: 34 x 1	تعداد	2	
165	76.34.18.221.1	CAP 2" A105 SW 3000# ,Size: 2 X 0	تعداد	1	
166	7694	Valve Ball FB BS EN ISO 17292 FLG 150 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB TA-LUFT as per ISO 15848 BVRF3AYF10 ,Size: 1 x 0	تعداد	9	
167	7728	VALVE BALL FB BS EN ISO 17292 FLG 150 LB RF (125-250 AARH) TA-LUFT AS PER ISO 15848 BVRF3EYF11 ASTM A 182 GR.F304L FRGD ,Size: 1.5 x 0	تعداد	1	
168	7731	Valve Plug API 599 FLG 150 LB RF (125-250 AARH) FRGD. ASTM A 105 TA-LUFT as per ISO 15848 PVRF3AYV10 ,Size: 1.5 x 0	تعداد	1	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
169	7741	VALVE GLOBE API 602 BW 150 LB WB,RS,PISTON TYPE ,TA LUFT AS PER ISO 15848 LVBW3AYF10 S-80 ASTM A 105 FRGD ,Size: 1.5 x 0	تعداد	14	
170	7769	Valve Ball RB API 6D FLG 300 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB TA-LUFT as per ISO 15848 BVRF2AYR11 ,Size: 2 x 0	تعداد	1	
171	7773	Valve Plug API 599 FLG 150 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB TA- LUFT as per ISO 15848 PVRF1AYV10 ,Size: 2 x 0	تعداد	13	
172	7775	Valve Plug API 599 FLG 150 LB RF (125-250 AARH) Cast ASTM A 351 GR. CF8M TA-LUFT as per ISO 15848 PVRF1EYP10 ,Size: 2 x 0	تعداد	1	
173	7797	Valve Gate API 600 FLG 150 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB FB,BB,RS,TA-LUFT as per ISO 15848 GVRF1AYS10 ,Size: 3 x 0	تعداد	10	
174	7804	Valve Globe BS 1873 FLG 300 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB BB,RS,Disc Type,TA-LUFT as per ISO 15848 LVRF2AYF10 ,Size: 3 x 0	تعداد	2	
175	7825	Valve Gate API 600 FLG 150 LB RF (125-250 AARH) Cast ASTM A 351 GR. CF8 FB,BB,RS,TA-LUFT as per ISO 15848 GVRF1EYS10 ,Size: 4 x 0	تعداد	5	
176	7829	Valve Globe BS 1873 FLG 150 LB RF (125-250 AARH)BB,RS,Disc Type,TA-LUFT as per ISO 15848 LVRF1EYF10 ASTM A 351 GR. CF8 Cast ,Size: 4 x 0	تعداد	1	
177	7838	Valve Ball RB API 6D FLG 150 LB RF (125-250 AARH) Cast ASTM A 351 GR. CF8 TA-LUFT as per ISO 15848 BVRF1EYR11 ,Size: 4 x 0	تعداد	5	
178	7859	Valve Globe BS 1873 FLG 150 LB RF (125-250 AARH)BB,RS,Disc Type,TA-LUFT as per ISO 15848 LVRF1EYF10 ASTM A 351 GR. CF8 Cast ,Size: 6 x 0	تعداد	1	
179	7873	Valve Plug API 599 FLG 150 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB TA- LUFT as per ISO 15848 PVRF1AYV10 ,Size: 6 x 0	تعداد	7	
180	7903	Valve Plug API 599 FLG 150 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB TA- LUFT as per ISO 15848 PVRF1AYV10G ,Size: 8 x 0	تعداد	1	
181	8274	Tee ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F11/ CL.2 ,Size: 0.75 x 0.75	تعداد	2	
182	8284	Flange Socketweld ASME B16.5 300 LB RF (125-250 AARH) FRGD. ASTM A 182 GR. F11/ CL.2 S-80 ,Size: 0.75 x 0	تعداد	7	
183	8285	Flange Socketweld ASME B16.5 600 LB RF (125-250 AARH) FRGD. ASTM A 182 GR. F11/ CL.2 ,Size: 0.75 x 0	تعداد	2	
184	8319	ELBOW 90 D ASME B16.11 SW 3000# ASTM A182 GR.F11/ CL.2 FRGD ,Size: 1.5 x 0	تعداد	1	
185	8321	Flange Blind ASME B16.5 FLG 600 LB RF (125-250 AARH) FRGD. ASTM A 182 GR. F11/ CL.2 ,Size: 1.5 x 0	تعداد	1	
186	8327	Flange Socketweld ASME B16.5 600 LB RF (125-250 AARH) FRGD. ASTM A 182 GR. F11/ CL.2 ,Size: 1.5 x 0	تعداد	2	
187	8348	ELBOW 90 D LR ASME B16.9 BW S-40 ASTM A234 GR.WP11 CL.2 WROUGHT S ,Size: 2 x 0	تعداد	4	
188	8350	Flange Weldneck ASME B16.5 300 LB RF (125-250 AARH) S-40 ASTM A 182 GR. F11/CL.2 FRGD. ,Size: 2 x 0	تعداد	4	
189	8361	SOCKOLET MSS SP-97 BWXSW 3000# ASTM A182 GR.F11/CL.2 FRGD ,Size: 2 x 1	تعداد	1	
190	8468	FLANGE WELDNEK ASME B16.5 300 LB RF (125-250 AARH) S-30 ASTM A 182 GR.F11/CL.2 FGD. ,Size: 8 x 0	تعداد	1	
191	911	Full Coupling ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L ,Size: 0.5 x 0	تعداد	3	
192	913	Full Coupling ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L ,Size: 1 x 0	تعداد	70	
193	9189	Flange Blind ASME B16.5 FLG 150 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F316L ,Size: 0.5 x 0	تعداد	2	
194	9244	Flange Socketweld ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 182GR. F316L S-40S ,Size: 0.5 x 0	تعداد	10	
195	9246	Flange Socketweld ASME B16.5 150 LB RF Max. 125 AARH S-40S ASTM A 182GR. F304L FRGD. ,Size: 0.5 x 0	تعداد	23	
196	9295	Valve Gate API 602 SW 800# FRGD. ASTM A 105 SB,BB,RS GVSW8ANR10 ,Size: 0.75 x 0	تعداد	11	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
197	9302	Valve Globe API 602 FLG 150 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F304 BB,RS,Piston Type LVTH7MNF10 ,Size: 0.75 x 0	تعداد	1	
198	9322	Flange Socketweld ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F304L S-40S ,Size: 0.75 x 0	تعداد	2	
199	9326	Flange Socketweld ASME B16.5 300 LB RF Max. 125 AARH FRGD. ASTM A 182 GR.F304L S-40S ,Size: 0.75 x 0	تعداد	2	
200	9328	Flange Socketweld ASME B16.5 300 LB RF (125-500 AARH) FRGD. ASTM A 105 S-80 ,Size: 0.75 x 0	تعداد	3	
201	9355	SPECTACLE BLIND ASME B16.48 150 LB RF (125-500 AARH) ASTM A 516 GR. 70 FROM PLATE ,Size: 1 x 0	تعداد	1	
202	9371	Valve Gate API 602 FLG 150 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F304SB,BB,RS GVTH7MNR10 ,Size: 1 x 0	تعداد	50	
203	9404	Flange Socketweld ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 105 S-80 ,Size: 1 x 0	تعداد	44	
204	9406	Flange Socketweld ASME B16.5 300 LB RF Max. 125 AARH S-80 ASTM A 105 FRGD. ,Size: 1 x 0	تعداد	1	
205	9407	Flange Threaded ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 105 Hot Dip Galvanized S-80 ; Dip Galvanized S-80 ,Size: 1 x 0	تعداد	166	
206	9421	Flange Blind ASME B16.5 FLG 150 LB RF (125-500 AARH) FRGD. ASTM A 105 Hot Dip Galvanized ,Size: 1.5 x 0	تعداد	2	
207	9482	Flange Socketweld ASME B16.5 300 LB RF (125-500 AARH) FRGD. ASTM A 105 S-80 ,Size: 1.5 x 0	تعداد	9	
208	9485	Flange Threaded ASME B16.5 300 LB RF (125-500 AARH) FRGD. ASTM A 105 Hot Dip Galvanized ,Size: 1.5 x 0	تعداد	1	
209	9486	Flange Weldneck ASME B16.5 300 LB RF Max. 125 AARH FRGD. ASTM A 350 Gr. LF2 CLASS 1 S-80 ; LF2 Class 1 S-80 ,Size: 1.5 x 0	تعداد	3	
210	9496	Flange Blind ASME B16.5 FLG 150 LB RF (125-500 AARH) FRGD. ASTM A 105 ,Size: 2 x 0	تعداد	4	
211	9501	Flange Blind ASME B16.5 FLG 300 LB RF Max. 125 AARH FRGD. ASTM A 105 ,Size: 2 x 0	تعداد	2	
212	9532	Valve Gate API 600 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB FB,BB,RS GVRF1ANS10 ,Size: 2 x 0	تعداد	1	
213	9558	Valve Globe BS 1873 FLG 150 LB RF Max. 125 AARH Cast ASTM A 351 GR. CF8 BB,RS,Disc Type LVRF1ENF10 ,Size: 2 x 0	تعداد	2	
214	9559	VALVE GLOBE BS 1873 FLG 300 LB RF (125-250 AARH) BB,RS,DISC TYPE LVRF2DNF11 ASTM A 217 GR.WC6 CAST ,Size: 2 x 0	تعداد	1	
215	9568	VALVE CHECK SWING BS 1868 FLG 150 LB RF (150-500 AARH) FB RTRF1ANS10 ASTM A216 GR. WCB CAST ,Size: 2 x 0	تعداد	5	
216	9576	VALVE CHECK SWING BS 1868 FLG 300 LB RF (125-250 AARH) FB RTRF2DNS11 ASTM A217 GR.WC6 CAST ,Size: 2 x 0	تعداد	1	
217	9585	Valve Ball RB API 6D FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB BVRF1ANR12 ,Size: 2 x 0	تعداد	2	
218	9593	VALVE BALL RB API 6D FLG 300 LB RF MAX.125 AARH TA-LUFT AS PER ISO 15848 BVRF2BYR11 ASTM A 352 GR.LCB CAST ,Size: 2 x 0	تعداد	2	
219	9675	SPECTACLE BLIND ASME B16 .48 150LB RF (125-500 AARH)ASTM A516 GR.70 HOT DIPGALVANIZED FROM PLATE ,Size: 3 x 0	تعداد	1	
220	9709	Valve Gate API 600 FLG 150 LB RF Max. 125 AARH Cast ASTM A 351 GR. CF8 FB,BB,RS GVRF1ENS10 ,Size: 3 x 0	تعداد	1	
221	9723	VALVE GLOBE BS 1873 FLG 150 LB FR (125-500 AARH) BB,RS DISC TYPE LVRF1FTF10 ASTM A351GR.CF3M CAST ,Size: 3 x 0	تعداد	1	
222	9742	VALVE Check BS 1868 FLG 150 LB RF (125-500 AARH) FB RTTH1ANS10 ASTM A351 GR . CF8 CAST ,Size: 3 x 0	تعداد	1	
223	9795	Flange Weldneck ASME B16.5 300 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F304L S-10SL ,Size: 3 x 0	تعداد	4	
224	9805	Flange Weldneck ASME B16.5 300 LB RF Max. 125 AARH FRGD. ASTM A 350 Gr. LF2 Class 1 S-40 ,Size: 3 x 0	تعداد	3	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
225	9826	SPECTACLE BLIND 300LB RF ASTM A240 GR. TP304 FROM PLATE , Size: 4 x 0	تعداد	1	
226	9849	Valve Gate API 600 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB FB,BB,RS GVRF1ANS10 ,Size: 4 x 0	تعداد	12	
227	9851	Valve Gate API 600 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB FB,BB,RS GVRF1ANS11 ,Size: 4 x 0	تعداد	2	
228	9852	VALVE GATE API 600 FLG 150 LB RF (125-500 AARH) FB,BB,RS GVRF1AFS10H ASTM A216 GR. WCB CAST ,Size: 4 x 0	تعداد	1	
229	9866	VALVE GLOBE BS 1873 FLG 150 LB RF (120-500AARH)BB,RS,DISC TYPE LVRF1ETF10 ASTM A351 CF3 CAST ,Size: 4 x 0	تعداد	1	
230	bolt3/8x135	3/8x135 STUD BOLT W/2 HEAVY HEX. NUTS ASME B18.2.2 ASME B1.1 ASTM A193-B8 CL.2/ ASTM A194-8A ,Size: 0.75 x 135	تعداد	60	
231	BOLT328 X 1	328 STUD BOLT W/2 HEAVY HEX. NUTS ASME B18.2.2/ASME B1.1 ELECTRODEPOSITED ZINC COATED (MIN025 MICRONS)WITH YELLOW CHROMATE ASTM A 193 B7 /A194 2H ,Size: 1 x 328	تعداد	12	
232	FW خط	LONG RADIOUS ELBOW 90°-ASME B16.9 SMLS,Sch 20 ASTM A234 WPB ,Size: 16	تعداد	1	
233	FW خط	LONG RADIOUS ELBOW 90°-ASME B16.9 SMLS,Sch 30 ASTM A234 WPB-SMLS DUAL FBE CO. ,Size: 20	تعداد	12	
234	FW خط	LONG RADIOUS ELBOW 45°-ASME B16.9 SMLS,Sch 30 ASTM A234 WPB-SMLS DUAL FBE CO. ,Size: 20	تعداد	12	
235	FW خط	BLIND FLANGE -ASME B16.5 CL.150 RF 125microinch. Ra,STDxSTD ASTM A105 Normalized DUAL FBE CO. ,Size: 6	تعداد	1	
236	FW خط	BLIND FLANGE -ASME B16.5 CL.150 RF 125microinch. Ra,STDxSTD ASTM A105 Normalized DUAL FBE CO. ,Size: 20	تعداد	3	
237	FW خط	WN FLANGE-ASME B16.5 CL.150 RF 125microinch. Ra,STD ASTM A105 Normalized DUAL FBE CO. ,Size: 6	تعداد	1	
238	FW خط	WN FLANGE-ASME B16.5 CL.150 RF 125microinch. Ra,Sch 20 ASTM A105 ,Size: 16	تعداد	1	
239	FW خط	WN FLANGE-ASME B16.5 CL.150 RF 125microinch. Ra,Sch 30 ASTM A105 Normalized DUAL FBE CO. ,Size: 20	تعداد	7	
240	FW خط	SPIRAL WOUND GASKTE-With OUT & INNER RING CL.150 316S.S+98% GRAPHITE-CS. OUT RING ,Size: 6	تعداد	4	
241	FW خط	SPIRAL WOUND GASKTE-With OUT & INNER RING CL.150 316S.S+98% GRAPHITE-CS. OUT RING ,Size: 20	تعداد	12	
242	FW خط	TEE ANSI B16.9 BW SCH 30X20 ASTM A234 WPB COATED ,Size: 20X16	تعداد	1	
243	FW خط	TEE ANSI B16.9 BW SCH 30X30 ASTM A234 WPB COATED ,Size: 20X20	تعداد	2	
244	FW خط	BONNEY WELDLET STD ASTM A234 WPB ,Size: 20X6	تعداد	1	
245	FW خط	PIPE, BE,STD ASTM A106 GR.B-SMLS 3LPE COATED ,Size: 6	متر	6	
246	FW خط	PIPE, BE,Sch 20 ASTM A106 GR.B-SMLS ,Size: 16	متر	6	
247	FW خط	Carbon Steel-Gate-BB-FB-Flexible Wedge-Thd Seat-API 600- CL-150-RF-125microinch,Ra Body:ASTM A216 WCB,Trim:13Cr/HF(TRIM No. 8) ,Size: 6	تعداد	1	
248	FW خط	Carbon Steel-Gate-BB-FB-Flexible Wedge-Thd Seat-API 600- CL-150-RF-125microinch,Ra Body:ASTM A216 WCB,Trim:13Cr/HF(TRIM No. 8) ,Size: 20	تعداد	4	
249	FW خط	100 HEXAGONAL HEAVY STUD BOLT +2 NUT-ASME THDD ASTM A193 GR.B7/A194 GR.2H ,Size: 3/4	تعداد	20	
250	FW خط	160 HEXAGONAL HEAVY STUD BOLT +2 NUT-ASME THDD ASTM A193 GR.B7/A194 GR.2H ,Size: 1 1.8	تعداد	220	
251	1319	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 106 GR. B S-40 ,Size: 4	متر	351.2	
252	1325	Pipe ASME B36.10M/ B16.25 BE SMLS S-10 ASTM A 106 GR. B1325 ,Size: 16X0	متر	36	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
253	1868	PIPE ASME B36.19M/ B16.25 BE S-80S ASTM A312 TP 304L SMLS ,Size: 1.5X0	متر	6	
254	4415	Pipe ASME B36.19M PE SMLS ASTM A 312 TP 316L S-40S ,Size: 0.5 x 0	متر	132	
255	4420	Pipe ASME B36.10M / ASME B 1.20.1 MTHD S-80 SMLS ASTM A 53 GR. B Hot Dip Galvanized ,Size: 0.5 x 0	متر	60	
256	4517	Pipe ASME B36.19M PE SMLS ASTM A 312 TP 316L S-40S ,Size: 1 x 0	متر	12	
257	13327	Pipe ASME B36.10M PE SMLS ASTM A 335 GR. P11 S-80 ,Size: 0.75 x 0	متر	12	
258	14650	PIPE ASTM F441 SOLVENT CEMENT S80 CPVC ,Size: 0.5X0	متر	48	
259	14654	PIPE ASTM F441 SOLVENT CEMENT S80 CPVC ,Size: 2X0	متر	6	
260	1319ug	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 106 GR. B S-40 FOR UG COATED ,Size: 4X0	متر	42	
261	1321ug	Pipe ASME B36.10M/ B16.25 BE S-20 SMLS ASTM A 106 GR. B FOR UG COATED ,Size: 8 x 0	متر	160	
262	11405	90 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ASME B1.1 ASTM A193 B7 / A194 2H (CERAMIC COATED) ,Size: 0.625 x 90	تعداد	240	
263	11413	90 STUD BOLT W/2 HEAVY HEX. NUTS ASME B18.2.2/ASME B1.1 ASTM A 193 B7/A194 2H(CERAMIC COATED) ,Size: 0.75 x 90	تعداد	15	
264	1330	Pipe ASME B36.10M/ B16.25 BE S.A.W. API 5L GR. B PSL1,100% RT S-STD ,Size: 30 x 0	متر	66	
265	4522	Pipe ASME B36.10M / ASME B 1.20.1 MTHD SMLS ASTM A 53 GR. B Hot DipGalvanized S-80 ,Size: 1 x 0	متر	310	
266	4467	Pipe ASME B36.10M / ASME B 1.20.1 MTHD SMLS ASTM A 53 GR. B Hot Dip GalvanizedS-80 ,Size: 0.75 x 0	متر	310	
267	4484	Elbow 90 D ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized ,Size: 1 x 0	تعداد	11	
268	4429	Elbow 90 D ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized ,Size: 0.75 x 0	تعداد	11	
269	4512	Full Coupling ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized ,Size: 1 x 0	تعداد	25	
270	4457	Full Coupling ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized ,Size: 0.75 x 0	تعداد	25	
271	9294	Valve Gate API 602 FLG 150 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F304 SB,BB,RS GVTH7MNR10 ,Size: 0.75 x 0	تعداد	1	
272	9371	Valve Gate API 602 FLG 150 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F304SB,BB,RS GVTH7MNR10 ,Size: 1 x 0	تعداد	1	
273	4487	UNION BS 3799 FTHD 3000# ASTM A 105 HOT DIP GALVANIZED FRGD ,Size: 1 x 0	تعداد	5	
274		UNION BS 3799 FTHD 3000# ASTM A 105 HOT DIP GALVANIZED FRGD ,Size: 0.75x0	تعداد	5	
275	4478	CAP ASME B16.11 FTHD 3000# ASTM A105 HOT DIP GALVANIZED FRGD ,Size: 1 x 0	تعداد	2	
276	4423	CAP ASME B16.11 FTHD 3000# ASTM A105 HOT DIP GALVANIZED FRGD ,Size: 0.75 x 0	تعداد	2	
277	4480	Tee ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized ,Size: 1 x 1	تعداد	16	
278	4425	Tee ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized ,Size: 0.75 x 0.75	تعداد	16	
279		Swedge Concentric MSS SP-95 MTHDxMTHD Wrought S ASTM A 234 GR. WPB Hot Dip Galvanized. S-80°S-80 ,Size: 0.75X0.5	تعداد	10	
280	4530	Swedge Concentric MSS SP-95 MTHDxMTHD Wrought S ASTM A 234 GR. WPB Hot Dip Galvanized. S-80°S-80 ,Size: 1 x 0.5	تعداد	10	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
281		Valve Ball FB THD 800# FRGD. ASTM A 105 ,Size: 1	تعداد	6	
282		Valve Ball FB THD 800# FRGD. ASTM A 106 ,Size: 0.75	تعداد	6	
283	11314	65 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2/ASMEB1.1 ELECTRODEPOSITE ZINC COATED WITH YELLOW CHROMATE TREAT.ASTM A193 B7/A194 2H ,Size: 1/2x65	تعداد	20	
284	4431	Plug ASME B16.11 MTHD Hex Head ASTM A 105 HOT DIP GALVANIZED FRGD. ,Size: 0.75 x 0	تعداد	10	
285		Plug ASME B16.11 MTHD Hex Head ASTM A 105 HOT DIP GALVANIZED FRGD. ,Size: 0.5 x 0	تعداد	10	
286		Cap ASME B16.9 BW S-40 ASTM A 234 GR. WPB Wrought S ,Size: 3 X 0	تعداد	2	
287	9407	Flange Threaded ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 105 Hot Dip Galvanized S-80 Dip Galvanized S-80 ,Size: 1 x 0	تعداد	1	
288	9330	Flange Threaded ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 105 Hot Dip GalvanizedS-80 ,Size: 0.75 x 0	تعداد	1	
289	1903	Elbow 90 D LR ASME B16.9 BW Wrought S ASTM A234 GR. WPB S-40 ,Size: 2 x 0	تعداد	14	
290	2027	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 106 GR. B S-40 ,Size: 2 x 0	متر	80	
291	9633	Flange Weldneck ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 105 S-40 ,Size: 2 x 0	تعداد	4	
292	1960	Tee ASME B16.9 BW Wrought S ASTM A 234 GR. WPB S-40 ,Size: 2 x 2	تعداد	2	
293	1914	Reducer Concentric ASME B16.9 BW Wrought S ASTM A 234 GR. WPB S-40*S-80 ,Size: 2 x 1.5	تعداد	3	
294	11311	85 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2/ASMEB1.1 ELECTRODEPOSITE ZINC COATED WITH YELLOW CHROMATE TREAT. ASTM A193 B7/A194 2H ,Size: 5/8 x 85	تعداد	16	
295	1162	Elbow 90 D ASME B16.11 SW 3000# FRGD. ASTM A 105 ,Size: 1.5 x 0	تعداد	1	
296	68	Elbow 90 D LR ASME B16.9 BW S-10S ASTM A 403 GR. WP304L Wrought S , Size: 2 x 0	تعداد	214	
297	76	Elbow 90 D LR ASME B16.9 BW Wrought W ASTM A 403 GR. WP304L S-5S , Size: 16 x 0	تعداد	49	
298	82	Elbow 90 D LR ASME B16.9 BW 4 ASTM A 403 GR. WP304L Wrought W , Size: 36 x 0	تعداد	10	
299	89	Reducer Concentric ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-10S*S-10S , Size: 3 x 2	تعداد	12	
300	94	Reducer Concentric ASME B16.9 BW Wrought W ASTM A 403 GR. WP304L S-5S*S-5S , Size: 8 x 6	تعداد	7	
301	400	Tee ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-10S , Size: 3 x 3	تعداد	4	
302	424	Tee ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L , Size: 0.5 x 0.5	تعداد	2	
303	425	Tee ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L , Size: 0.75 x 0.75	تعداد	69	
304	427	Tee ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L , Size: 1.5 x 1.5	تعداد	2	
305	428	Tee Reducing ASME B16.9 BWxBW Wrought S ASTM A 403 GR. WP304L S-10S*S-10S , Size: 3 x 2	تعداد	5	
306	557	Tee Reducing ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L , Size: 0.75 x 0.5	تعداد	3	
307	560	Tee Reducing ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L , Size: 1 x 0.75	تعداد	3	
308	562	Tee Reducing ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L , Size: 1.5 x 0.5	تعداد	3	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
309	563	Tee Reducing ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L , Size: 1.5 x 0.75	تعداد	7	
310	564	Tee Reducing ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L , Size: 1.5 x 1	تعداد	4	
311	568	Elbow 45 D ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L , Size: 1.5 x 0	تعداد	3	
312	570	Elbow 90 D ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L , Size: 0.75 x 0	تعداد	284	
313	571	Elbow 90 D ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L , Size: 1 x 0	تعداد	33	
314	572	Elbow 90 D ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L , Size: 1.5 x 0	تعداد	67	
315	574	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 182 GR. F304L , Size: 2 x 0.75	تعداد	16	
316	575	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 182 GR. F304L , Size: 2 x 1	تعداد	24	
317	577	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 182 GR. F304L , Size: 3 x 0.5	تعداد	1	
318	578	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 182 GR. F304L , Size: 3 x 0.75	تعداد	2	
319	579	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 182 GR. F304L , Size: 3 x 1	تعداد	5	
320	581	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 182 GR. F304L , Size: 4 x 0.5	تعداد	2	
321	582	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 182 GR. F304L , Size: 4 x 0.75	تعداد	26	
322	583	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 182 GR. F304L , Size: 4 x 1	تعداد	22	
323	648	SOCKOLET MSS SP-97 BW'SW 3000# ASTM A 182 GR.F304L FRGD , Size: 48x1.5	تعداد	2	
324	653	SOCKOLET MSS SP-97 BW'SW 3000# ASTM A 182 GR.F304L FRGD , Size: 60x1.5	تعداد	4	
325	698	Flange Blind ASME B16.5 FLG 150 LB RF (125-250 AARH) FRGD. ASTM A 182 GR. F304L , Size: 2 x 0	تعداد	18	
326	748	Spectacle blind ASME B16.48 150 LB RF (125-250 AARH) From Plate ASTM A 240 GR. TP304L , Size: 2 x 0	تعداد	2	
327	749	Spectacle blind ASME B16.48 150 LB RF (125-250 AARH) From Plate ASTM A 240 GRTP304L , Size: 3 x 0	تعداد	3	
328	776	Pipe ASME B36.19M/ PE SMLS A312 TP 304L , Size: 1.5 x 0	متر	0.6	
329	777	Pipe ASME B36.19M/ B16.25 BE SMLS ASTM A 312 TP 304L S-10S , Size: 2 x 0	متر	913.6	
330	778	Pipe ASME B36.19M/ B16.25 BE SMLS ASTM A 312 TP 304L S-10S , Size: 3 x 0	متر	360.2	
331	779	Pipe ASME B36.19M/ B16.25 BE SMLS ASTM A 312 TP 304L S-10S , Size: 4 x 0	متر	810.8	
332	819	Elbow 45 D LR ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-10S , Size: 3 x 0	تعداد	4	
333	911	Full Coupling ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L , Size: 0.5 X 0	تعداد	29	
334	912	Full Coupling ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L , Size: 0.75 x 0	تعداد	25	
335	913	Full Coupling ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L , Size: 1 x 0	تعداد	17	
336	914	Full Coupling ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F304L , Size: 1.5 x 0	تعداد	52	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
337	975	Cap ASME B16.9 BW Wrought S ASTM A 234 GR. WPB S-40 , Size: 4 x 0	تعداد	4	
338	993	Elbow 90 D LR ASME B16.9 BW Wrought S ASTM A 234 GR. WPB S-40 , Size: 3 x 0	تعداد	164	
339	998	Elbow 90 D LR ASME B16.9 BW S-20 Wrought S ASTM A 234 GR. WPB , Size: 12 x 0	تعداد	2	
340	1010	Reducer Concentric ASME B16.9 BW Wrought S ASTM A 234 GR. WPB S-40'S-40 , Size: 6 x 3	تعداد	2	
341	1045	Reducer Eccentric ASME B16.9 BW Wrought S ASTM A 234 GR. WPB S-40'S-40 , Size: 4 x 3	تعداد	4	
342	1047	Reducer Eccentric ASME B16.9 BW Wrought S ASTM A 234 GR. WPB S-40'S-40 , Size: 6 x 4	تعداد	1	
343	1081	Tee ASME B16.9 BW Wrought S ASTM A 234 GR. WPB S-40 , Size: 4 x 4	تعداد	6	
344	1082	Tee ASME B16.9 BW Wrought S ASTM A 234 GR. WPB S-40 , Size: 6 x 6	تعداد	4	
345	1100	Tee Reducing ASME B16.9 BWx BW Wrought S ASTM A 234 GR. WPB S-40'S-40 , Size: 4 x 3	تعداد	16	
346	1104	Tee Reducing ASME B16.9 BWx BW Wrought S ASTM A 234 GR. WPB S-20xS-40 , Size: 8 x 6	تعداد	3	
347	1147	Tee Reducing ASME B16.11 SW 3000# FRGD. ASTM A 105 , Size: 0.75 x 0.5	تعداد	1	
348	1152	Tee Reducing ASME B16.11 SW 3000# FRGD. ASTM A 105 , Size: 1.5 x 0.5	تعداد	11	
349	1157	Elbow 45 D ASME B16.11 SW 3000# FRGD. ASTM A 105 , Size: 1 x 0	تعداد	2	
350	1162	Elbow 90 D ASME B16.11 SW 3000# FRGD. ASTM A 105 , Size: 1.5 x 0	تعداد	3	
351	1164	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 105 , Size: 2 x 0.75	تعداد	49	
352	1168	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 105 , Size: 3 x 0.75	تعداد	30	
353	1169	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 105 , Size: 3 x 1	تعداد	23	
354	1172	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 105 , Size: 4 x 0.75	تعداد	23	
355	1173	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 105 , Size: 4 x 1	تعداد	3	
356	1174	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 105 , Size: 4 x 1.5	تعداد	7	
357	1176	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 105 , Size: 6 x 0.75	تعداد	3	
358	1177	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 105 , Size: 6 x 1	تعداد	1	
359	1179	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 105 , Size: 8 x 0.5	تعداد	1	
360	1180	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 105 , Size: 8 x 0.75	تعداد	5	
361	1223	Swedge Concentric MSS SP-95 PEPE Wrought S ASTM A 234 GR. WPB S-80'S-80 , Size: 0.75 x 0.5	تعداد	1	
362	1235	Swedge Concentric MSS SP-95 BE>PE Wrought S ASTM A 234 GR. WPB S-40'S-80 , Size: 3 x 1	تعداد	3	
363	1240	Swedge Concentric MSS SP-95 BE>PE Wrought S ASTM A 234 GR. WPB S-40'S-80 , Size: 4 x 1.5	تعداد	8	
364	1242	Swedge Eccentric MSS SP-95 PEPE S80XS80 ASTM A 234 GR. WPB Wrought S , Size: 1 x 0.5	تعداد	13	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
365	1243	Swedge Eccentric MSS SP-95 PEXPE S80XS80 Wrought S ASTM A 234 GR. WPB , Size: 1 x 0.75	تعداد	1	
366	1244	Swedge ECCENTRIC MSS SP-95 PEXPE S-80°S-80 ASTM A234 GR.WPB WROUGHT S , Size: 1.5 x 0.5	تعداد	8	
367	1245	Swedge Eccentric MSS SP-95 PEXPE S80XS80 ASTM A 234 GR. WPB Wrought S , Size: 1.5 x 0.75	تعداد	4	
368	1246	Swedge Eccentric MSS SP-95 PEXPE Wrought S ASTM A 234 GR. WPB S-80°S-80 , Size: 1.5 x 1	تعداد	8	
369	1252	Swedge Eccentric MSS SP-95 BE>PE Wrought S ASTM A 234 GR. WPB S-40°S-80 , Size: 3 x 0.75	تعداد	1	
370	1254	Swedge Eccentric MSS SP-95 BE>PE Wrought S ASTM A 234 GR. WPB S-40°S-80 , Size: 3 x 1.5	تعداد	6	
371	1264	Flange Weldneck ASME B16.5 150 LB RF (125-250 AARH) FRGD. ASTM A 105 S-40 , Size: 3 x 0	تعداد	64	
372	1265	Flange Weldneck ASME B16.5 150 LB RF (125-250 AARH) FRGD. ASTM A 105 S-40 , Size: 4 x 0	تعداد	2	
373	1314	Pipe ASME B36.10M PE SMLS ASTM A 106 GR. B S-80 , Size: 0.75 x 0	متر	1029.6	
374	1318	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 106 GR. B S-40 , Size: 3 x 0	متر	976.7	
375	1319	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 106 GR. B S-40 , Size: 4 x 0	متر	1178.3	
376	1320	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 106 GR. B S-40 , Size: 6 x 0	متر	227.8	
377	1348	Elbow 45 D LR ASME B16.9 BW S-40 Wrought S ASTM A 234 GR. WPB , Size: 4 x 0	تعداد	5	
378	1503	Full Coupling ASME B16.11 SW 3000# FRGD. ASTM A 105 , Size: 0.75 x 0	تعداد	35	
379	1504	Full Coupling ASME B16.11 SW 3000# FRGD. ASTM A 105 , Size: 1 x 0	تعداد	47	
380	1505	Full Coupling ASME B16.11 SW 3000# FRGD. ASTM A 105 , Size: 1.5 x 0	تعداد	5	
381	1582	Elbow 90 D LR ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-80S , Size: 0.75 x 0	تعداد	13	
382	1583	Elbow 90 D LR ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-80S , Size: 1 x 0	تعداد	67	
383	1584	ELBOW 90 D LR ASME B16.9 BW S-80S ASTM 403 GR. WP304L WROUGHT S , Size: 1.5 x 0	تعداد	7	
384	1588	Elbow 90 D LR ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-10S , Size: 4 x 0	تعداد	117	
385	1597	Elbow 90 D LR ASME B16.9 BW Wrought W ASTM A 403 GR. WP304L S-10S , Size: 20 x 0	تعداد	15	
386	1606	Reducer Concentric ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-10S°S-80S , Size: 2 x 1	تعداد	2	
387	1608	Reducer Concentric ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-10S°S-80S , Size: 3 x 1.5	تعداد	2	
388	1612	Reducer Concentric ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-10S°S-10S , Size: 4 x 2	تعداد	2	
389	1614	Reducer Concentric ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-10S°S-10S , Size: 4 x 3	تعداد	15	
390	1616	Reducer Concentric ASME B16.9 BW S-5S°S-10S ASTM A403 GR.WP304L WROUGHTS , Size: 6x3	تعداد	5	
391	1647	Reducer Eccentric ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-80S°S-80S , Size: 1 x 0.5	تعداد	6	
392	1653	Reducer Eccentric ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-10S°S-80S , Size: 2 x 1	تعداد	6	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
393	1659	Reducer Eccentric ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-10S*S-10S , Size: 4 x 2	تعداد	5	
394	1661	Reducer Eccentric ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-10S*S-10S , Size: 4 x 3	تعداد	10	
395	1667	Reducer Eccentric ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-10S*S-10S , Size: 6 x 4	تعداد	5	
396	1669	Reducer Eccentric ASME B16.9 BW Wrought W ASTM A 403 GR. WP304L S-10S*S-10S , Size: 8 x 6	تعداد	1	
397	1696	Tee ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-80S , Size: 0.75 x 0.75	تعداد	8	
398	1697	Tee ASME B16.9 BW S-80S ASTM A 403 GR. WP304L Wrought W , Size: 1 x 1	تعداد	6	
399	1702	Tee ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-10S , Size: 4 x 4	تعداد	33	
400	1715	Tee Reducing ASME B16.9 BWxBW Wrought S ASTM A 403 GR. WP304L S-80S*S-80S , Size: 1 x 0.75	تعداد	9	
401	1729	Tee Reducing ASME B16.9 BWxBW Wrought S ASTM A 403 GR. WP304L S-10S*S-10S , Size: 4 x 3	تعداد	7	
402	1737	Tee Reducing ASME B16.9 BWxBW Wrought W ASTM A 403 GR. WP304L S-10S*S-10S , Size: 8 x 6	تعداد	7	
403	1770	Swedge Concentric MSS SP-95 PEXPE S-40SX5-40S ASTM A 403 GR. WP304L Wrought S , Size: 0.75 x 0.5	تعداد	16	
404	1772	Swedge Concentric MSS SP-95 PEXPE Wrought S ASTM A 403 GR. WP304L S-40S*S-40S , Size: 1 x 0.75	تعداد	2	
405	1774	Swedge Concentric MSS SP-95 PEXPE Wrought S ASTM A 403 GR. WP304L S-40S*S-40S , Size: 1.5 x 0.75	تعداد	1	
406	1775	Swedge Concentric MSS SP-95 PEXPE Wrought S ASTM A 403 GR. WP304L S-40S*S-40S , Size: 1.5 x 1	تعداد	1	
407	1779	Swedge Concentric MSS SP-95 BE>PE Wrought S ASTM A 403 GR. WP304L S-10S*S-40S , Size: 2 x 1.5	تعداد	2	
408	1783	Swedge Concentric MSS SP-95 BE>PE S-10SX5-40S ASTM A 403 GR. WP304L Wrought S , Size: 3 x 1.5	تعداد	3	
409	1788	Swedge Eccentric MSS SP-95 PEXPE Wrought S ASTM A 403 GR. WP304L S-40S*S-40S , Size: 0.75 x 0.5	تعداد	16	
410	1793	Swedge Eccentric MSS SP-95 PEXPE Wrought S ASTM A 403 GR. WP304L S-40S*S-40S , Size: 1.5 x 1	تعداد	25	
411	1796	Swedge Eccentric MSS SP-95 BE>PE Wrought S ASTM A 403 GR. WP304L S-10S*S-40S , Size: 2 x 1	تعداد	11	
412	1806	Flange Blind ASME B16.5 FLG 150 LB RF (125-250 AARH) FRGD. ASTM A 182 GR. F304L , Size: 0.5 X 0	تعداد	25	
413	1807	Flange Blind ASME B16.5 FLG 150 LB RF (125-250 AARH) FRGD. ASTM A 182 GR. F304L , Size: 0.75 x 0	تعداد	1	
414	1808	Flange Blind ASME B16.5 FLG 150 LB RF (125-250 AARH) FRGD. ASTM A 182 GR. F304L , Size: 1 x 0	تعداد	6	
415	1849	Spectacle blind ASME B16.48 150 LB RF (125-250 AARH) From Plate ASTM A 240 GR. TP304L , Size: 4 x 0	تعداد	2	
416	1861	Pipe ASME B36.19M PE SMLS ASTM A 312 TP 304L S-40S , Size: 0.5 X 0	متر	90.7	
417	1863	Pipe ASME B36.19M PE SMLS ASTM A 312 TP 304L S-40S , Size: 1 x 0	متر	129.7	
418	1864	Pipe ASME B36.19M PE SMLS ASTM A 312 TP 304L S-40S , Size: 1.5 x 0	متر	616.6	
419	1866	Pipe ASME B36.19M/ B16.25 BE SMLS ASTM A 312 TP 304L S-80S , Size: 0.75 x 0	متر	17.6	
420	1867	Pipe ASME B36.19M/ B16.25 BE SMLS ASTM A 312 TP 304L S-80S , Size: 1 x 0	متر	100.3	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
421	1868	PIPE ASME B36.19M/ B16.25 BE S-80S ASTM A312 TP 304L SMLS , Size: 1.5 x 0	متر	6.7	
422	1872	Pipe ASME B36.19M/ B16.25 BE SMLS ASTM A 312 TP 304L S-SS , Size: 6 x 0	متر	22.2	
423	1881	Elbow 45 D LR ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-10S , Size: 4 x 0	تعداد	1	
424	1883	Elbow 45 D LR ASME B16.9 BW Wrought S ASTM A 403 GR. WP304L S-10S , Size: 6 x 0	تعداد	4	
425	1884	Elbow 45 D LR ASME B16.9 BW Wrought W ASTM A 403 GR. WP304L S-10S , Size: 8X0	تعداد	5	
426	1890	Elbow 45 D LR ASME B16.9 BW Wrought W ASTM A 403 GR. WP304L S-10S , Size: 20 x 0	تعداد	5	
427	1903	Elbow 90 D LR ASME B16.9 BW Wrought S ASTM A234 GR. WPB S-40 , Size: 2 x 0	تعداد	1	
428	1943	Reducer Eccentric ASME B16.9 BW S-40 * S-80 ASTM A 234 GR. WPB WROUGHT S , Size: 3 x 1.5	تعداد	10	
429	1960	Tee ASME B16.9 BW Wrought S ASTM A 234 GR. WPB S-40 , Size: 2 x 2	تعداد	49	
430	1977	Tee Reducing ASME B16.9 BWxBW Wrought S ASTM A 234 GR. WPB S-40'S-40 , Size: 3 x 2	تعداد	33	
431	1979	Tee Reducing ASME B16.9 BWxBW Wrought S ASTM A 234 GR. WPB S-40'S-80 , Size: 4 x 1.5	تعداد	4	
432	1996	Swedge Concentric MSS SP-95 BE>PE Wrought S ASTM A 234 GR. WPB S-40'S-80 , Size: 2 x 1	تعداد	14	
433	2002	Flange Weldneck ASME B16.5 150 LB RF (125-250 AARH) FRGD. ASTM A 105 S-80 , Size: 0.5 X 0	تعداد	10	
434	2003	Flange Weldneck ASME B16.5 150 LB RF (125-250 AARH) FRGD. ASTM A 105 S-80 , Size: 0.75 x 0	تعداد	14	
435	2004	Flange Weldneck ASME B16.5 150 LB RF (125-250 AARH) S-80 ASTM A 105 FRGD , Size: 1 x 0	تعداد	7	
436	2005	Flange Weldneck ASME B16.5 150 LB RF (125-250 AARH) FRGD. ASTM A 105 S-80 , Size: 1.5 x 0	تعداد	14	
437	2006	Flange Weldneck ASME B16.5 150 LB RF (125-250 AARH) FRGD. ASTM A 105 S-40 , Size: 2 x 0	تعداد	26	
438	2027	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 106 GR. B S-40 , Size: 2 x 0	تعداد	704.8	
439	2785	Weldolet MSS SP-97 BWxBW FRGD. ASTM A 105 S-40'S-80 , Size: 3 x 0.75	تعداد	12	
440	2786	Weldolet MSS SP-97 BWxBW FRGD. ASTM A 105 S-40'S-80 , Size: 3 x 1	تعداد	9	
441	2787	WELDOlet MSS SP-97 BWxBW S-40xS-80 ASTM A105 FRGD. , Size: 3 x 1.5	تعداد	4	
442	2789	Weldolet MSS SP-97 BWxBW FRGD. ASTM A 105 S-40'S-80 , Size: 4 x 0.75	تعداد	2	
443	2791	Weldolet MSS SP-97 BWxBW FRGD. ASTM A 105 S-40'S-80 , Size: 4 x 1.5	تعداد	4	
444	2893	Weldolet MSS SP-97 BWxBW FRGD. ASTM A 182 GR. F304L S-10S'S-80S , Size: 2 x 0.75	تعداد	9	
445	2894	Weldolet MSS SP-97 BWxBW FRGD. ASTM A 182 GR. F304L S-10S'S-80S , Size: 2 x 1	تعداد	8	
446	2895	Weldolet MSS SP-97 BWxBW S-10SX'S-80S ASTM A182 GR.F304L FRGD , Size: 2 x 1.5	تعداد	6	
447	2897	Weldolet MSS SP-97 BWxBW FRGD. ASTM A 182 GR. F304L S-10S'S-80S , Size: 3 x 0.75	تعداد	2	
448	2898	Weldolet MSS SP-97 BWxBW S-10SX'S-80S ASTM A 182 GR.F304L FRGD , Size: 3 x 1	تعداد	5	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
449	2901	Weldolet MSS SP-97 BWxBW FRGD. ASTM A 182 GR. F304L S-10S'S-80S , Size: 4 x 0.75	تعداد	9	
450	2902	Weldolet MSS SP-97 BWxBW S-10SxS-80S FRGD. ASTM A 182 GR.F304L , Size: 4 x 1	تعداد	8	
451	3031	Flange Blind ASME B16.5 FLG 150 LB RF (125-250 AARH) FRGD. ASTM A 105 , Size: 0.5 X 0	تعداد	5	
452	3032	Flange Blind ASME B16.5 FLG 150 LB RF (125-250 AARH) FRGD. ASTM A 105 , Size: 0.75 x 0	تعداد	4	
453	3033	Flange Blind ASME B16.5 FLG 150 LB RF (125-250 AARH) FRGD. ASTM A 105 , Size: 1 x 0	تعداد	5	
454	3121	Flange Weldneck ASME B16.5 150 LB RF S-80S (125-250 AARH) FRGD. ASTM A 182 GR. F304L , Size: 0.5 X 0	تعداد	32	
455	3122	Flange Weldneck ASME B16.5 150 LB RF S-80S (125-250 AARH) FRGD. ASTM A 182 GR. F304L , Size: 0.75 x 0	تعداد	54	
456	3123	Flange Weldneck ASME B16.5 150 LB RF S-80S (125-250 AARH) FRGD. ASTM A 182 GR. F304L , Size: 1 x 0	تعداد	56	
457	3124	FLANGE WELDNECK ASME B16.5 150 LB RF S-80S (125-250AARH) S-80S ASTM A 182GR. F304L FRGD , Size: 1.5 x 0	تعداد	2	
458	3127	Flange Weldneck ASME B16.5 150 LB RF (125-250 AARH) FRGD. ASTM A 182 GR.F304L S-10S , Size: 4 x 0	تعداد	10	
459	3149	Flange Weldneck ASME B16.5 300 LB RF (125-250 AARH) FRGD. ASTM A 105 S-80 , Size: 1.5 x 0	تعداد	8	
460	3182	Flange Weldneck ASME B16.5 300 LB RF (125-250 AARH) FRGD. ASTM A 182 GR.F304LS-80S , Size: 1 x 0	تعداد	2	
461	3375	Pipe ASME B36.19M/ B16.25 BE E.F.W. ASTM A 358 GR. 304L CL.1 S-5S , Size: 10 x 0	متر	14.9	
462	3386	Pipe ASME B36.19M/ B16.25 BE E.F.W. ASTM A 358 GR. 304L CL.1 S-10S , Size: 20 x 0	متر	101.9	
463	3391	Pipe ASME B36.19M/ B16.25 BE 4 ASTM A 358 GR. 304L CL.1 E.F.W , Size: 36 x 0	متر	89.8	
464	3769	Valve Globe API 602 SW 800# BB.RS.PISTON TYPE LVSW8ENF11 ASTM A 182 GR. F304L FRGD , Size: 0.75 x 0	تعداد	4	
465	3771	Valve Globe API 602 SW 800# BB.RS,Piston TYPE LVSW8ENF11 ASTM A 182 GR. F304L FRGD. , Size: 1.5 x 0	تعداد	4	
466	3773	Valve Globe API 602 SW 800# FRGD. ASTM A 182 GR. F304L WB,RS,Piston TypeLVRF3ETF10 , Size: 0.75 x 0	تعداد	7	
467	3775	Valve Globe API 602 SW 800# FRGD. ASTM A 182 GR. F304L WB,RS,Piston Type LVRF3ETF10 , Size: 1.5 x 0	تعداد	11	
468	3844	Piston Check Valve API 602 SW 800# FRGD. ASTM A 182 GR. F304L SB RTRF3ETS11 , Size: 0.5 X 0	تعداد	2	
469	3845	Piston Check Valve API 602 SW 800# FRGD. ASTM A 182 GR. F304L SB RTRF3ETS11 , Size: 0.75 x 0	تعداد	5	
470	3851	PISTON CHECK VALVE API 602 BW 150 LB SB RTBW3AYS10 S-80 ASTM A 105 FRGD , Size: 1.5 x 0	تعداد	4	
471	3857	Piston Check Valve API 602 BW 150 LB FRGD. ASTM A 182 GR. F304L SB RTBW3EYS10 S-80S , Size: 0.75 x 0	تعداد	4	
472	3880	Valve Check swing BS 1868 FLG 150 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB FB RTRF1ANS10 , Size: 2 x 0	تعداد	4	
473	3882	Valve Check swing BS 1868 FLG 150 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB FB RTRF1ANS10 , Size: 3 x 0	تعداد	12	
474	3895	Valve Check swing BS 1868 FLG 150 LB RF (125-250 AARH) Cast ASTM A 351 GR. CF8 FB RTRF1ENS10 , Size: 2 x 0	تعداد	2	
475	4179	90 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ASME B1.1 ASTM A193 B8 CL.2/ A194 8A , Size: 0.625 x 90	تعداد	310	
476	4196	155 STUD BOLT W/2 HEAVY HEX. NUTS ASME B18.2.2/ASME B1.1 ASTM A 193 B8 CL2/A194 8A , Size: 0.75 x 155	تعداد	176	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
477	4197	160 STUD BOLT W/2 HEAVY HEX. NUTS ASME B18.2.2 /ASME B1.1 ASTM A193 B8 CL.2/A194 8A , Size: 0.75 x 160	تعداد	57	
478	4199	115 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ASME B1.1 ASTM A193 B8 CL.2/ A194 8A , Size: 0.875 x 115	تعداد	253	
479	4204	180 STUD BOLT W/2 HEAVY HEX .NUTS ASME B18.2.2/ASME B1.1 ASTM A 193 B8 CL.2/A194 8A , Size: 0.875 x 180	تعداد	92	
480	4207	140 STUD BOLT & 2 HEAVY HEX NUTS A193-B8 CL 2 & A194-8A , Size: 1 x 140	تعداد	252	
481	4220	225 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 / ASME B1.1 ASTM A193 B8 CL.2/A194 8A , Size: 1.125x225	تعداد	317	
482	4229	260 STUD BOLT & 2 HEAVY HEX NUTS A193-B8 CL 2 & A194-8A , Size: 1.25 x 260	تعداد	245	
483	4426	Tee ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F316L , Size: 0.75 x 0.75	تعداد	24	
484	4428	Elbow 45 D ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F316L FRGD , Size: 0.75 x 0	تعداد	4	
485	4429	Elbow 90 D ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized , Size: 0.75 x 0	تعداد	37	
486	4430	Elbow 90 D ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F316L , Size: 0.75 x 0	تعداد	72	
487	4431	Plug ASME B16.11 MTHD Hex Head ASTM A 105 HOT DIP GALVANIZED FRGD. , Size: 0.75 x 0	تعداد	1	
488	4439	Valve Gate API 602 SW 800# FRGD. ASTM A 182 GR. F316L FB,WB,RS GVRF3FTF10 , Size: 0.75 x 0	تعداد	5	
489	4443	Valve Globe API 602 SW 800# FRGD. ASTM A 182 GR. F316L WB,RS,Piston Type LVRF3FTF10" , Size: 0.75 x 0	تعداد	2	
490	4457	Full Coupling ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized , Size: 0.75 x 0	تعداد	16	
491	4458	Full Coupling ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F316L , Size: 0.75 x 0	تعداد	1	
492	4470	Tee Reducing ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized , Size: 0.75 x 0.5	تعداد	16	
493	4481	Tee ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F316L , Size: 1 x 1	تعداد	3	
494	4484	Elbow 90 D ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized , Size: 1 x 0	تعداد	189	
495	4485	Elbow 90 D ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F316L , Size: 1 x 0	تعداد	26	
496	4498	Valve Globe API 602 SW 800# FRGD. ASTM A 182 GR. F316L WB,RS,Piston Type , Size: 1 x 0	تعداد	4	
497	4512	Full Coupling ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized , Size: 1 x 0	تعداد	46	
498	4513	Full Coupling ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F316L , Size: 1 x 0	تعداد	16	
499	4517	Pipe ASME B36.19M PE SMLS ASTM A 312 TP 316L S-40S , Size: 1 x 0	متر	74.9	
500	4522	Pipe ASME B36.10M / ASME B 1.20.1 MTHD SMLS ASTM A 53 GR. B Hot DipGalvanized S-90 , Size: 1 x 0	متر	668	
501	4529	Swedge Eccentric MSS SP-95 PEXPE S40SXS40S Wrought S ASTM A 403 GR. WP316L , Size: 1 x 0.5	تعداد	8	
502	4531	Tee Reducing ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized , Size: 1 x 0.75	تعداد	29	
503	4532	Tee Reducing ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F316L , Size: 1 x 0.75	تعداد	19	
504	4542	Tee ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F316L , Size: 1.5 x 1.5	تعداد	8	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
505	4546	Elbow 90 D ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F316L , Size: 1.5 x 0	تعداد	58	
506	4555	Valve Gate API 602 SW 800# FRGD. ASTM A 182 GR. F316L FB,WB,RS GVRF3FTF10 , Size: 1.5 x 0	تعداد	2	
507	4559	Valve Globe API 602 SW 800# FRGD. ASTM A 182 GR. F316L WB,RS,Piston Type LVRF3FTF10 , Size: 1.5 x 0	تعداد	1	
508	4573	Full Coupling ASME B16.11 FTHD 3000# ASTM A 105 Hot Dip Galvanized FRGD. , Size: 1.5 x 0	تعداد	2	
509	4574	Full Coupling ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F316L , Size: 1.5 x 0	تعداد	33	
510	4578	Pipe ASME B36.19M PE SMLS ASTM A 312 TP 316L S-40S , Size: 1.5 x 0	متر	317.8	
511	4593	Tee Reducing ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F316L , Size: 1.5 x 0.75	تعداد	7	
512	4595	Swedge Eccentric MSS SP-95 PE xPE Wrought S ASTM A 403 GR. WP316L S-40-S*40S , Size: 1.5x0.75	تعداد	1	
513	4598	Tee Reducing ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized , Size: 1.5 x 1	تعداد	4	
514	4599	Tee Reducing ASME B16.11 SW 3000# FRGD. ASTM A 182 GR. F316L , Size: 1.5 x 1	تعداد	2	
515	4601	Swedge Concentric MSS SP-95 PE xPE Wrought S ASTM A 403 GR. WP316L S-40S*S-40S , Size: 1.5 x 1	تعداد	2	
516	4602	Swedge Eccentric MSS SP-95 PE xPE Wrought S ASTM A 403 GR. WP316L S-40S*S-40S , Size: 1.5 x 1	تعداد	2	
517	4644	Full Coupling ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized , Size: 2 x 0	تعداد	11	
518	4647	Elbow 90 D LR ASME B16.9 BW Wrought S ASTM A 403 GR. WP316L S-10S , Size: 2 x 0	تعداد	22	
519	4648	Tee ASME B16.9 BW Wrought S ASTM A 403 GR. WP316L S-10S , Size: 2 x 2	تعداد	1	
520	4652	Elbow 45 D LR ASME B16.9 BW Wrought S ASTM A 403 GR. WP316L S-10S , Size: 2 x 0	تعداد	1	
521	4666	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 182 GR. F316L , Size: 2 x 0.75	تعداد	1	
522	4673	Socket MSS SP-97 BWxSW 3000# FRGD. ASTM A 182 GR. F316L , Size: 2 x 1	تعداد	5	
523	4682	Swedge Concentric MSS SP-95 BE>PE Wrought S ASTM A 403 GR. WP316L S-10S*S-40S , Size: 2 x 1.5	تعداد	2	
524	4687	Tee ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized , Size: 3 x 3	تعداد	2	
525	4688	Elbow 45 D ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized , Size: 3 x 0	تعداد	1	
526	4689	Elbow 90 D ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized , Size: 3 x 0	تعداد	19	
527	4691	UNION BS 3799 FTHD 3000# ASTM A 105 HOT DIP GALVANIZED FRGD. , Size: 3 x 0	تعداد	3	
528	4724	Full Coupling ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized , Size: 3 x 0	تعداد	35	
529	4751	THREDOLET MSS SP-97 BW'FTH 3000# ASTM A105 HOT DIP GALVANIZED FRGD , Size: 3 x 1	تعداد	18	
530	4771	Tee ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized , Size: 4 x 4	تعداد	3	
531	4773	Elbow 90 D ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized , Size: 4 x 0	تعداد	16	
532	4819	Pipe ASME B36.10M / ASME B 1.20.1 MTHD S-40 SMLS ASTM A 53 GR. B Hot Dip , Size: 4 x 0	متر	126.9	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
533	6481	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 106 GR. B S-40 , Size: 16 x 0	متر	1	
534	7607	Reducer Eccentric ASME B16.9 BW Wrought W ASTM A 234 GR. WPB S-STD*S-20 , Size: 34 x 24	تعداد	8	
535	7630	Valve Ball FB BS EN ISO 17292 FLG 150 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB TA-LUFT as per ISO 15848 BVRF3AYF10 , Size: 0.5 X 0	تعداد	10	
536	7659	Piston Check Valve API 602 SW 800# FRGD. ASTM A 182 GR. F316L FB RTRF3FTS10 RTRF3FTS10 , Size: 0.75 x 0	تعداد	2	
537	7662	Valve Ball FB BS EN ISO 17292 FLG 150 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB TA-LUFT as per ISO 15848 BVRF3AYF10 , Size: 0.75 x 0	تعداد	10	
538	7663	Valve Ball FB BS EN ISO 17292 FLG 150 LB RF (125-250 AARH) FRGD. ASTM A 182 GR. F304L TA-LUFT as per ISO 15848 BVRF3EYF10 , Size: 0.75 x 0	تعداد	15	
539	7686	Valve Globe API 602 BW 150 LB FRGD. ASTM A 182 GR. F304L WB,RS,PistonType,TA-LUFT as per ISO 15848 LVBW3EYF10 S-80S , Size: 0.75 x 0	تعداد	2	
540	7691	Piston Check Valve API 602 SW 800# FRGD. ASTM A 182 GR. F316L FB RTRF3FTS10 , Size: 1 x 0	تعداد	2	
541	7694	Valve Ball FB BS EN ISO 17292 FLG 150 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB TA-LUFT as per ISO 15848 BVRF3AYF10 , Size: 1 x 0	تعداد	8	
542	7695	Valve Ball FB BS EN ISO 17292 FLG 150 LB RF (125-250 AARH) FRGD. ASTM A 182 GR. F304L TA-LUFT as per ISO 15848 BVRF3EYF10 , Size: 1 x 0	تعداد	1	
543	7718	Valve Globe API 602 BW 150 LB FRGD. ASTM A 182 GR. F304L WB,RS,Piston Type,TA-LUFT as per ISO 15848 LVBW3EYF10 S-80S , Size: 1 x 0	تعداد	3	
544	7723	Piston Check Valve API 602 SW 800# FRGD. ASTM A 182 GR. F316L FB RTRF3FTS10 RTRF3FTS10 , Size: 1.5 x 0	تعداد	2	
545	7731	Valve Plug API 599 FLG 150 LB RF (125-250 AARH) FRGD. ASTM A 105 TA-LUFT as per ISO 15848 PVRF3AYV10 , Size: 1.5 x 0	تعداد	0.8	
546	7750	Valve Globe API 602 BW 150 LB FRGD. ASTM A 182 GR. F304L WB,RS,Piston Type,TA-LUFT as per ISO 15848 LVBW3EYF10S-80S , Size: 1.5 x 0	تعداد	3	
547	7755	Valve Gate API 600 FLG 150 LB RF (125-250 AARH) Cast ASTM A 351 GR. CF8 FB,BB,RS,TA-LUFT as per ISO 15848 GVRF1EYS10 , Size: 2 x 0	تعداد	5	
548	7758	Valve Globe BS 1873 FLG 150 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB BB,RS,Disc Type,TA-LUFT as per ISO 15848 LVRF1AYF10 , Size: 2 x 0	تعداد	4	
549	7759	Valve Globe BS 1873 FLG 150 LB RF (125-250 AARH) Cast ASTM A 351 GR. CF8 BB,RS,Disc Type,TA-LUFT as per ISO 15848 LVRF1EYF10 , Size: 2 x 0	تعداد	2	
550	7760	Valve Globe BS 1873 FLG 300 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB BB,RS,Disc Type,TA-LUFT as per ISO 15848 LVRF2AYF10 , Size: 2 x 0	تعداد	2	
551	7766	Valve Ball RB API 6D FLG 150 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB TA-LUFT as per ISO 15848 BVRF1AYR11 , Size: 2 x 0	تعداد	5	
552	7768	Valve Ball RB API 6D FLG 150 LB RF (125-250 AARH) Cast ASTM A 351 GR. CF8 TA-LUFT as per ISO 15848 BVRF1EYR11 , Size: 2 x 0	تعداد	16	
553	7799	Valve Gate API 600 FLG 150 LB RF (125-250 AARH) Cast ASTM A 351 GR. CF8 FB,BB,RS,TA-LUFT as per ISO 15848 GVRF1EYS10 , Size: 3 x 0	تعداد	2	
554	7802	Valve Globe BS 1873 FLG 150 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB BB,RS,Disc Type,TA-LUFT as per ISO 15848 LVRF1AYF10 , Size: 3 x 0	تعداد	1	
555	7803	VALVE GLOBE BS 1873 FLG 150 LB RF (125-250 AARH) BB, RS, DISC TYPE , TA-LUFT AS PER ISO 15848 LVRF1EYF10 ASTM A 351 GR. CF8 CAST , Size: 3X0	تعداد	1	
556	7810	Valve Ball RB API 6D FLG 150 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB TA-LUFT as per ISO 15848 BVRF1AYR11 , Size: 3 x 0	تعداد	24	
557	7812	Valve Ball RB API 6D FLG 150 LB RF (125-250 AARH) Cast ASTM A 351 GR. CF8 TA-LUFT as per ISO 15848 BVRF1EYR11 , Size: 3 x 0	تعداد	4	
558	7825	Valve Gate API 600 FLG 150 LB RF (125-250 AARH) Cast ASTM A 351 GR. CF8 FB,BB,RS,TA-LUFT as per ISO 15848 GVRF1EYS10 , Size: 4 x 0	تعداد	2	
559	7836	Valve Ball RB API 6D FLG 150 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB TA-LUFT as per ISO 15848 BVRF1AYR11 , Size: 4 x 0	تعداد	2	
560	7838	Valve Ball RB API 6D FLG 150 LB RF (125-250 AARH) Cast ASTM A 351 GR. CF8 TA-LUFT as per ISO 15848 BVRF1EYR11 , Size: 4 x 0	تعداد	9	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
561	7842	Valve Ball FB API 6D FLG 150 LB RF (125-250 AARH) Cast ASTM A 351 GR. CF8 TA-LUFT as per ISO 15848 BVRF1EYF11 , Size: 4 x 0	تعداد	12	
562	8201	160 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ASME B1.1 ASTM A193 B8 CL.2/ A194 8A , Size: 0.625 x 160	تعداد	56	
563	8210	255 STUD BOLT & 2 HEAVY HEX NUTS A193-B8 CL 2 & A194-8A , Size: 1 x 255	تعداد	256	
564	9189	Flange Blind ASME B16.5 FLG 150 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F316L , Size: 0.5 X 0	تعداد	8	
565	9210	Gasket Flat Ring 1.5 mm Thk ASME B16.21/ B16.5 300 LB Flat Graphite Tanged Stainless Steel Insert , Size: 0.5	تعداد	24	
566	9219	Valve Gate API 602 SW 800# FRGD. ASTM A 105 SB,BB,RS GVS8ANR10H , Size: 0.5 X 0	تعداد	1	
567	9222	Valve Gate API 602 SW 800# FRGD. ASTM A 182 GR. F304L SB,BB,RS GVS8ENR11 , Size: 0.5 X 0	تعداد	3	
568	9244	Flange Socketweld ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 182GR. F316L S-40S , Size: 0.5 X 0	تعداد	24	
569	9246	Flange Socketweld ASME B16.5 150 LB RF Max. 125 AARH S-40S ASTM A 182GR. F304L FRGD. , Size: 0.5 X 0	تعداد	45	
570	9266	Flange Blind ASME B16.5 FLG 150 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F316L , Size: 0.75 x 0	تعداد	26	
571	9287	Gasket Flat Ring 1.5 mm Thk ASME B16.21/ B16.5 300 LB Flat Graphite Tanged Stainless Steel Insert , Size: 0.75	تعداد	8	
572	9295	Valve Gate API 602 SW 800# FRGD. ASTM A 105 SB,BB,RS GVS8ANR10 , Size: 0.75 x 0	تعداد	30	
573	9299	Valve Gate API 602 SW 800# FRGD. ASTM A 182 GR. F304L SB,BB,RS GVS8ENR11 , Size: 0.75 x 0	تعداد	15	
574	9303	Valve Globe API 602 SW 800# FRGD. ASTM A 105 BB,RS,Piston Type LVS8ANF10H , Size: 0.75 x 0	تعداد	2	
575	9321	Flange Socketweld ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 182GR. F316LS-40S , Size: 0.75 x 0	تعداد	68	
576	9328	Flange Socketweld ASME B16.5 300 LB RF (125-500 AARH) FRGD. ASTM A 105 S-80 , Size: 0.75 x 0	تعداد	11	
577	9343	Flange Blind ASME B16.5 FLG 150 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F316L , Size: 1 x 0	تعداد	3	
578	9346	FLANGE BLIND ASME B16.5 FLG 150 LB RF MAX. 125 AARH ASTM A 182 GR. F304L FRGD. , Size: 1 x 0	تعداد	2	
579	9363	Gasket Flat Ring 1.5 mm Thk ASME B16.21/ B16.5 300 LB KLINGERSil C-4430 or equivalent , Size: 1 x 0	تعداد	2	
580	9364	Gasket Flat Ring 1.5 mm Thk ASME B16.21/ B16.5 300 LB Flat Graphite Tanged Stainless Steel Insert , Size: 1 x 0	تعداد	52	
581	9371	Valve Gate API 602 FLG 150 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F304SB,BB,RS GVTH7MNR10 , Size: 1 x 0	تعداد	53	
582	9372	Valve Gate API 602 SW 800# FRGD. ASTM A 105 SB,BB,RS GVS8ANR10 , Size: 1 x 0	تعداد	1	
583	9373	Valve Gate API 602 SW 800# FRGD. ASTM A 105 SB,BB,RS GVS8ANR10H , Size: 1 x 0	تعداد	16	
584	9380	Valve Globe API 602 SW 800# FRGD. ASTM A 105 BB,RS,Piston Type LVS8ANF10H , Size: 1 x 0	تعداد	7	
585	9398	Flange Socketweld ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 182GR. F316L S-40S , Size: 1 x 0	تعداد	27	
586	9399	Flange Socketweld ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F304L S-40S , Size: 1 x 0	تعداد	21	
587	9400	Flange Socketweld ASME B16.5 150 LB RF Max. 125 AARH FRGD. ASTM A 182 GR. F304L S-40S , Size: 1 x 0	تعداد	30	
588	9401	Flange Socketweld ASME B16.5 300 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F316L S-40S , Size: 1 x 0	تعداد	2	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
589	9404	Flange Socketweld ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 105 S-80 , Size: 1 x 0	تعداد	60	
590	9405	Flange Socketweld ASME B16.5 300 LB RF (125-500 AARH) FRGD. ASTM A 105 S-80 , Size: 1 x 0	تعداد	60	
591	9407	Flange Threaded ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 105 Hot Dip Galvanized S-80 Dip Galvanized S-80 , Size: 1 x 0	تعداد	70	
592	9408	Flange Threaded ASME B16.5 300 LB RF (125-500 AARH) FRGD. ASTM A 105 Hot Dip Galvanized S-80 Dip Galvanized S-80 , Size: 1 x 0	تعداد	2	
593	9441	Gasket Flat Ring 1.5 mm Thk ASME B16.21/ B16.5 300 LB Flat Graphite Tanged Stainless Steel Insert , Size: 1.5 x 0	تعداد	5	
594	9445	Gasket Flat Ring 2.0 mm Thk ASME B16.21/ B16.5/ ESBR-PI-JSS-0001 300 LB Graphite/SS 316L/PTFE Graphite & SS316L multilayers,PTFE Coating,Internal & , Size: 1.5 x 0	تعداد	8	
595	9447	Gasket Flat Ring 3.0 mm Thk ASME B16.21/ASME B16.47B 300 LB POLYTETRAFLUOROETHYLENE (PTFE) , Size: 1.5	تعداد	4	
596	9450	Valve Gate API 602 SW 800# FRGD. ASTM A 105 SB,BB,RS GVSW8ANR10H , Size: 1.5 x 0	تعداد	23	
597	9457	Valve Globe API 602 SW 800# FRGD. ASTM A 105 BB,RS,Piston Type LVSW8ANF10H , Size: 1.5 x 0	تعداد	5	
598	9476	Flange Socketweld ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F304L S-40S , Size: 1.5 x 0	تعداد	12	
599	9477	Flange Socketweld ASME B16.5 150 LB RF Max. 125 AARH FRGD. ASTM A 182 GR. F304L S-40S , Size: 1.5 x 0	تعداد	5	
600	9482	Flange Socketweld ASME B16.5 300 LB RF (125-500 AARH) FRGD. ASTM A 105 S-80 , Size: 1.5 x 0	تعداد	14	
601	9508	Spectacle blind ASME B16.48 150 LB RF (125-500 AARH) From Plate ASTM A 240 GR. TP316L , Size: 2 x 0	تعداد	2	
602	9509	Spectacle blind ASME B16.48 150 LB RF (125-500 AARH) From Plate ASTM A 240 GR. TP304L , Size: 2 x 0	تعداد	1	
603	9518	Valve Butterfly API 609 Cat B WAFER LUG 150 LB RF (125-500 AARH) Cast ASTM A 351 GR. CF8 VFWL1END11 , Size: 2 x 0	تعداد	5	
604	9529	Gasket Flat Ring 3.0 mm Thk ASME B16.21/ B16.5 300 LB POLYTETRAFLUOROETHYLENE (PTFE) , Size: 2 x 0	تعداد	8	
605	9532	Valve Gate API 600 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB FB,BB,RS GVRF1ANS10 , Size: 2 x 0	تعداد	9	
606	9534	Valve Gate API 600 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB FB,BB,RS GVRF1ANS11 , Size: 2 x 0	تعداد	1	
607	9536	Valve Gate API 600 FLG 150 LB RF (125-500 AARH) Cast ASTM A 351 GR. CF3M FB,BB,RS GVRF1FTS10 , Size: 2 x 0	تعداد	2	
608	9539	Valve Gate API 600 FLG 150 LB RF Max. 125 AARH Cast ASTM A 351 CF3 FB,BB,RS GVRF1ETS10 , Size: 2 x 0	تعداد	3	
609	9540	Valve Gate API 600 FLG 150 LB RF Max. 125 AARH Cast ASTM A 351 GR. CF8 FB,BB,RS GVRF1ENS10 , Size: 2 x 0	تعداد	20	
610	9549	Valve Globe BS 1873 FLG 150 LB RF (125-500 AARH) Cast ASTM A 351 CF3 BB,RS,Disc Type LVRF1ETF10 , Size: 2 x 0	تعداد	1	
611	9551	Valve Globe BS 1873 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB BB,RS,Disc Type LVRF1AFF10 , Size: 2 x 0	تعداد	4	
612	9552	Valve Globe BS 1873 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB BB,RS,Disc Type LVRF1ANF11 , Size: 2 x 0	تعداد	3	
613	9553	Valve Globe BS 1873 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB BB,RS,Disc Type LVRF1AFF10H , Size: 2 x 0	تعداد	1	
614	9567	Valve Check swing BS 1868 FLG 150 LB RF (125-500 AARH) Cast ASTM A 351 CF3 FB RTRF1ETS10 , Size: 2 x 0	تعداد	2	
615	9569	Valve Check swing BS 1868 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB FB RTRF1ANS11 , Size: 2 x 0	تعداد	4	
616	9574	Valve Check swing BS 1868 FLG 150 LB RF Max. 125 AARH Cast ASTM A 351 CF3 FB RTRF1ETS10 , Size: 2 x 0	تعداد	8	

کسری متریا ل پایپینگ نواحی و واحد Finishing (پیوست 1)

ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
617	9583	Valve Ball RB API 6D FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB BVRF1ANR10 , Size: 2 x 0	تعداد	1	
618	9584	Valve Ball RB API 6D FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB BVRF1AFR11 , Size: 2 x 0	تعداد	1	
619	9589	Valve Ball RB API 6D FLG 150 LB RF Max. 125 AARH Cast ASTM A 351 GR. CF8 BVRF1ENR10 , Size: 2 x 0	تعداد	12	
620	9603	VALVE PLUG API 599 FLG 150 LB RF (125-500 AARH) PVRF1AFP10 ASTM A 216 GR. WCB CAST , Size: 2 x 0	تعداد	12	
621	9617	Disc Check Valve ASME B16.34 WAFER 150 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F304L RTWF1ENW11 , Size: 2 x 0	تعداد	5	
622	9622	Flange Weldneck ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F316L S-10S , Size: 2 x 0	تعداد	26	
623	9623	Flange Weldneck ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 182 GR.F 304L S-10S □ F304LS-10S , Size: 2 x 0	تعداد	20	
624	9624	Flange Weldneck ASME B16.5 150 LB RF Max. 125 AARH FRGD. ASTM A 182 GR.F304L S-10S □ F304L S-10S , Size: 2 x 0	تعداد	25	
625	9633	Flange Weldneck ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 105 S-40 , Size: 2 x 0	تعداد	79	
626	9663	Flange Blind ASME B16.5 FLG 150 LB RF (125-500 AARH) ASTM A 105 Hot Dip Galvanized FRGD. , Size: 3 x 0	تعداد	7	
627	9696	Gasket Flat Ring 3.0 mm Thk ASME B16.21/ B16.5 150 LB POLYTETRAFLUOROETHYLENE (PTFE) , Size: 3 x 0	تعداد	21	
628	9703	Valve Gate API 600 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB FB,BB,RS GVRF1ANS11 , Size: 3 x 0	تعداد	17	
629	9721	Valve Globe BS 1873 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB BB,RS,Disc Type LVRF1ANF11 , Size: 3 x 0	تعداد	9	
630	9726	Valve Globe BS 1873 FLG 150 LB RF Max. 125 AARH Cast ASTM A 351 CF3 , Size: 3 x 0	تعداد	4	
631	9740	Valve Check swing BS 1868 FLG 150 LB RF (125-500 AARH) Cast ASTM A 351 GR. CF3M FB RTRF1FTS10 , Size: 3 x 0	تعداد	1	
632	9753	Valve Ball RB API 6D FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB BVRF1AFR11 , Size: 3 x 0	تعداد	6	
633	9772	VALVE PLUG API 599 FLG 150 LB RF (125-500 AARH) PVRF1AFP10 ASTM A 216 GR. WCB CAST , Size: 3 x 0	تعداد	32	
634	9794	Flange Weldneck ASME B16.5 300 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F316LS-10S , Size: 3 x 0	تعداد	2	
635	9802	Flange Weldneck ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 105 S-40 , Size: 3 x 0	تعداد	27	
636	9803	Flange Weldneck ASME B16.5 300 LB RF (125-500 AARH) FRGD. ASTM A 105 S-40 , Size: 3 x 0	تعداد	16	
637	9811	Flange Blind ASME B16.5 FLG 150 LB RF (125-500 AARH) ASTM A 105 Hot Dip Galvanized FRGD. , Size: 4 x 0	تعداد	3	
638	9813	FLANGE BLIND ASME B16.5 FLG 150 LB RF MAX. 125 AARH ASTM A 182 GR. F304L FRGD. , Size: 4 x 0	تعداد	1	
639	9825	Spectacle blind ASME B16.48 150 LB RF Max. 125 AARH From Plate ASTM A 240 GR. TP304L , Size: 4 x 0	تعداد	8	
640	9851	Valve Gate API 600 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB FB,BB,RS GVRF1ANS11 , Size: 4 x 0	تعداد	6	
641	9856	Valve Gate API 600 FLG 150 LB RF Max. 125 AARH Cast ASTM A 351 CF3 FB,BB,RS GVRF1ETS10 , Size: 4 x 0	تعداد	1	
642	9874	Valve Globe BS 1873 FLG 150 LB RF MAX.125 AARH BB.RS.DISC TYPE LVRF1ETF10 ASTM A351 CF3 CAST , Size: 4 x 0	تعداد	8	
643	9886	Valve Check swing BS 1868 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB FB RTRF1ANS11 , Size: 4 x 0	تعداد	4	
644	9902	Valve Ball RB API 6D FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB BVRF1ANR12 , Size: 4 x 0	تعداد	2	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
645	9948	Flange Threaded ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 105 Hot Dip Galvanized , Size: 4 x 0	تعداد	2	
646	9950	Flange Weldneck ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 105 S-40 , Size: 4 x 0	تعداد	71	
647	9957	Flange Blind ASME B16.5 FLG 150 LB RF (125-500 AARH) FRGD. ASTM A 105 , Size: 6 x 0	تعداد	2	
648	9966	Gasket Spiral Wound - 4.5 mm Thk. ASME B16.20/ASME B16.5 150 LB Graph. filler,IR/OR:SS316L/316 3.2mm,Wind.:SS316L , Size: 6 x 0	تعداد	145	
649	9971	Spectacle blind ASME B16.48 150 LB RF Max. 125 AARH From Plate ASTM A 240 GR. TP304L , Size: 6 x 0	تعداد	2	
650	9982	Valve Butterfly API 609 Cat B WAFER LUG 150 LB RF (125-500 AARH) Cast ASTM A 351 GR. CF8 VFWL1END11G , Size: 6 x 0	تعداد	8	
651	9993	Gasket Flat Ring 1.5 mm Thk ASME B16.21/ B16.5 300 LB KLINGERsil C-4430 or equivalent , Size: 6 x 0	تعداد	1	
652	10004	Valve Gate API 600 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB FB,BB,RS GVRF1ANS10 , Size: 6 x 0	تعداد	1	
653	10006	Valve Gate API 600 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB FB,BB,RS GVRF1ANS11 , Size: 6 x 0	تعداد	2	
654	10087	Flange Weldneck ASME B16.5 150 LB RF Max. 125 AARH FRGD. ASTM A 182 GR. F304L S-10S , Size: 6 x 0	تعداد	90	
655	10094	Flange Weldneck ASME B16.5 150 LB RF (125-500 AARH) S-40 FRGD. ASTM A 105 , Size: 6 x 0	تعداد	27	
656	10103	Flange Blind ASME B16.5 FLG 150 LB RF (125-500 AARH) FRGD. ASTM A 105 , Size: 8 x 0	تعداد	3	
657	10112	Gasket Spiral Wound - 4.5 mm Thk. ASME B16.20/ASME B16.5 150 LB Graph. filler,IR/OR:SS316L/316 3.2mm,Wind.:SS316L , Size: 8 x 0	تعداد	48	
658	10149	Valve Gate API 600 FLG 150 LB RF (125-500 AARH) Cast ASTM A 216 GR. WCB FB,BB,RS GVRF1ANS10 , Size: 8 x 0	تعداد	1	
659	10235	Flange Weldneck ASME B16.5 150 LB RF Max. 125 AARH FRGD. ASTM A 182 GR. F304L F304L S-10SL , Size: 8 x 0	تعداد	24	
660	10258	FLANGE SLIP -ON ASME B16.5 150 LB RF (125-500 AARH) ASTM A 182 GR .F304L FRGD. , Size: 10X0	تعداد	63	
661	10275	Valve Butterfly API 609 Cat B WAFER LUG 150 LB RF (125-500 AARH) Cast ASTM A 351 GR. CF8 VFWL1END11G , Size: 10 x 0	تعداد	2	
662	10292	Gasket Flat Ring 3.0 mm Thk ASME B16.21/ASME B16.5 150 LB POLYTETRAFLUOROETHYLENE (PTFE) , Size: 10X0	تعداد	16	
663	10293	Gasket Flat Ring 3.0 mm Thk ASME B16.21/ B16.5 150 LB SILICON RUBBER (VMQ) , Size: 10 x 0	تعداد	43	
664	10378	FLANGE WELDNECK ASME B16.47 SERIES B 150 LB RF (125-500 AARH) S-5S ASTM A 182 GR.F304L FRGD. , Size: 10X0	تعداد	1	
665	10440	Gasket Flat Ring 3.0 mm Thk ASME B16.21/ASME B16.5 150 LB POLYTETRAFLUOROETHYLENE (PTFE) , Size: 12X0	تعداد	32	
666	10689	Valve Butterfly API 609 Cat B WAFER LUG 150 LB RF (125-500 AARH) Cast ASTM A 351 GR. CF8 VFWL1END11G , Size: 16 x 0	تعداد	16	
667	10706	Gasket Flat Ring 3.0 mm Thk ASME B16.21/ASME B16.5 150 LB POLYTETRAFLUOROETHYLENE (PTFE) , Size: 16 x 0	تعداد	64	
668	10751	FLANGE WELDNECK ASME B16.5 150 LB RF (120-500 AARH) S-5S ASTM A182 GR . F304L FRGD , Size: 16 x 0	تعداد	62	
669	10954	Gasket Flat Ring 3.0 mm Thk ASME B16.21/ B16.5 150 LB POLYTETRAFLUOROETHYLENE (PTFE) , Size: 20 x 0	تعداد	8	
670	11005	FLANGE WELDNECK ASME B16.47 SERIES B 150 LB RF (125-500 AARH)S-10S ASTM A 182 GR.F304L FRGD. , Size: 20 x 0	تعداد	1	
671	11253	GASKET FLAT RING 3.0 MM THK ASME B16.21/ASME B16.47B 150 LB POLYTETRAFLUOROETHYLENE (PTFE) , Size: 36 x 0	تعداد	4	
672	11255	FLANGE WELDNECK ASME B16.47 SERIES B 150 LB RF (125-500 AARH)4 ASTM A 182 GR.F304L FRGD. , Size: 36 x 0	تعداد	4	

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ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
673	11280	Gasket Flat Ring 3.0 mm Thk ASME B16.21/ASME B16.47B 150 LB POLYTETRAFLUOROETHYLENE (PTFE) , Size: 48 x 0	تعداد	3	
674	11294	FLANGE BLIND ASME B16.47 SERIES B 150 LB RF (125-500 AARH) ASTM A 182 GR.F304L FRGD. , Size: 60	تعداد	2	
675	11296	Gasket Flat Ring 3.0 mm Thk ASME B16.21/ASME B16.47B 150 LB POLYTETRAFLUOROETHYLENE (PTFE) , Size: 60 x 0	تعداد	4	
676	11302	60 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2/ASME B1.1 ELECTRODEPOSITE ZINC COATED WITH YELLOW CHROMATE TREAT. ASTM A193 B7/A194 2H , Size: 0.5 x 60	تعداد	145	
677	11303	65 STUD BOLT W/2 HEAVY HEX. NUTS ASME B18.2.2/ASME B1.1 ELECTRODEPOSITED ZINC COATED (MIN.25 MICRONS) WITH YELLOW CHROMATE ASTM A 193 B7/A194 2H , Size: 0.5 x 65	تعداد	848	
678	11312	90 STUD BOLT W/2 HEAVY HEX. NUTS ASME B18.2.2 / ASME B1.1 ELECTRODEPOSITE ZINC COATED (MIN.25 MICRONS) WITH YELLOW CHROMATE ASTM A193 B7/A194 2H , Size: 0.625 x 90	تعداد	656	
679	11403	80 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ASME B1.1 ASTM A193 B7 / A194 2H (CERAMIC COATED) , Size: 0.625 x 80	تعداد	160	
680	11413	90 STUD BOLT W/2 HEAVY HEX. NUTS ASME B18.2.2/ASME B1.1 ASTM A 193 B7/A194 2H(CERAMIC COATED) , Size: 0.75 x 90	تعداد	27	
681	11670	Flange Socketweld ASME B16.5 600 LB RF S-40S (125-500 AARH) FRGD. ASTM A 182 GR. F316L , Size: 1.5 x 0	تعداد	2	
682	11946	Cap ASME B16.11 FTHD 3000# FRGD. ASTM A 105 , Size: 1 x 0	تعداد	28	
683	11964	Couple orif.wn-flg 4x1/2" th-tap ASME B16.36 300 LB RF (125-500 AARH) FRGD.ASTM A 105 To be supplied with 2 gaskets & related Bolts and Nuts ORF6 S-40 , Size: 2 x 0	تعداد	4	
684	11982	Couple orif.wn-flg 4x1/2" th-tap ASME B16.36 300 LB RF (125-500 AARH) FRGD. ASTM A 105 To be supplied with 2 gaskets & related Bolts and Nuts ORF6 , Size: 3 x 0	تعداد	1	
685	12176	135 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ASME B1.1 ASTM A193 B8 CL.2/ A194 8A , Size: 0.625 x 135	تعداد	59	
686	12805	Valve Gate API 602 SWxFTHD 800# FRGD. ASTM A 105 SB,BB,RS GVST8ANR10H , Size: 0.75 x 0	تعداد	148	
687	12806	Valve Gate API 602 SWxFTHD 800# FRGD. ASTM A 105 SB,BB,RS GVST8ANR10 , Size: 0.75 x 0	تعداد	18	
688	12808	Valve Gate API 602 SWxFTHD 800# FRGD. ASTM A 182 GR. F304L SB,BB,RS GVST8ENR11 , Size: 0.75 x 0	تعداد	8	
689	12818	Valve Gate API 602 SWxFTHD 800# FRGD. ASTM A 182 GR. F304L SB,BB,RS GVST8ENR11 , Size: 1 x 0	تعداد	4	
690	12825	Valve Gate API 602 SWxFTHD 800# FRGD. ASTM A 105 SB,BB,RS GVST8ANR10H , Size: 1.5 x 0	تعداد	21	
691	12834	ELBOW 45 D R=6D ASME B16.9/MANUF .S STD BW S-5S ASTM A 403 GR.WP304L WROUGHT W , Size: 10X0	تعداد	3	
692	12908	Drip ring ASME B16.5 150 LB RF (125-250 AARH) From Plate ASTM A 240 GR. TP304L 2 THD Taps 1/2" with 180 degree , Size: 2 x 0.5	تعداد	2	
693	12910	Drip ring ASME B16.5 150 LB RF (125-500 AARH) From Plate ASTM A 240 GR. TP316L 2 THD Taps 1/2" with 180 degree , Size: 2 x 0.5	تعداد	2	
694	12911	Drip ring ASME B16.5 150 LB RF (125-500 AARH) From Plate ASTM A 240 GR. TP304L 2 THD Taps 1/2" with 180 degree , Size: 2 x 0.5	تعداد	1	
695	12914	Drip ring ASME B16.5 150 LB RF Max. 125 AARH From Plate ASTM A 240 GR. TP304L 2 THD Taps 1/2" with 180 degree , Size: 2 x 0.5	تعداد	4	
696	13134	110 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ASME B1.1 ASTM A193 B8 CL.2/ A194 8A , Size: 0.5 x 110	تعداد	16	
697	13136	110 STUD BOLT W/2 HEAVY HEX. NUTS ASME B18.2.2 /ASME B1.1 electroplated zinc coated(min.25 microns) with yellow chromate ASTM A193 B7 /A194 2H , Size: 0.5 x 110	تعداد	64	
698	13140	Valve Ball FB BS EN ISO 17292 With PE Nipples 800# FRGD. ASTM A 105 with 100mm Nipple extension BVSW8ANF10 , Size: 0.5 X 0	تعداد	2	
699	13141	Valve Ball FB BS EN ISO 17292 With PE Nipples 800# FRGD. ASTM A 105 with 100mm Nipple extension BVRF3AFF10 , Size: 0.5 X 0	تعداد	1.5	
700	13158	Valve Ball FB BS EN ISO 17292 With PE Nipples 800# FRGD. ASTM A 105 with 100mm Nipple extension BVSW8ANF10 , Size: 0.75 x 0	تعداد	2.52	

کسری متریال پاییینگ نواحی و واحد Finishing (پیوست 1)

ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
701	13159	Valve Ball FB BS EN ISO 17292 With PE Nipples 800# FRGD. ASTM A 105 with 100mm Nipple extension BVRF3AFF10 , Size: 0.75 x 0	تعداد	2	
702	13163	VALVE BALL FB BS EN ISO 17292 WITH PE NIPPLE 800# WITH 100MM NIPPLE EXTENSION BVRF3AFF11 ASTM A 105 FRGD. , Size: 0.75 x 0	تعداد	8	
703	13181	Valve Ball FB BS EN ISO 17292 With PE Nipples 800# FRGD. ASTM A 105 with 100mm Nipple extension BVRF3AFF11 , Size: 1 x 0	تعداد	28	
704	13194	Valve Ball FB BS EN ISO 17292 With PE Nipples 800# FRGD. ASTM A 105 with 100mm Nipple extension BVS8ANF10 , Size: 1.5 x 0	تعداد	2	
705	13236	Valve Ball FB BS EN ISO 17292 With PE Nipples 800# FRGD. ASTM A 182 GR. F316L with 100mm Nipple extension/ Adjustable seal BVRF3FTF10 , Size: 0.75 x 0	تعداد	10	
706	13250	Valve Ball FB BS EN ISO 17292 With PE Nipples 800# FRGD. ASTM A 182 GR.F316L with 100mm Nipple extension/ Adjustable seal BVRF3FTF10 , Size: 1.5 x 0	تعداد	3	
707	13256	Valve Ball RB API 6D FLG 150 LB RF Max. 125 AARH Cast ASTM A 351 CF3 Adjustable seal BVRF1ETR11 , Size: 2 x 0	تعداد	12	
708	13258	Valve Ball FB API 6D FLG 150 LB RF (125-500 AARH) Cast ASTM A 351 CF3 Adjustable seal BVRF1ETF11 , Size: 2 x 0	تعداد	11	
709	13259	Valve Ball FB API 6D FLG 150 LB RF (125-500 AARH) Cast ASTM A 351 GR. CF3M Adjustable seal BVRF1FTF11 , Size: 2 x 0	تعداد	11	
710	13262	Valve Plug API 599 FLG 150 LB RF Max. 125 AARH Cast ASTM A 351 CF3 Adjustable seal PVRF1ETS10 Adjustable seal PVRF1ETS10 , Size: 2 x 0	تعداد	16	
711	13264	Valve Ball RB API 6D FLG 150 LB RF Max. 125 AARH Cast ASTM A 351 CF3 Adjustable seal BVRF1ETR11 , Size: 3 x 0	تعداد	8	
712	13272	Valve Ball RB API 6D FLG 150 LB RF Max. 125 AARH Cast ASTM A 351 CF3 Adjustable seal BVRF1ETR11 , Size: 4 x 0	تعداد	60	
713	13280	Valve Ball RB API 6D FLG 150 LB RF Max. 125 AARH Cast ASTM A 351 CF3 Adjustable seal BVRF1ETR11 , Size: 6 x 0	تعداد	52	
714	13330	60 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ASME B1.1 ASTM A193-B8M CL.2/ASTM A194-8MA , Size: 0.5 x 60	تعداد	96	
715	13331	65 STUD BOLT W/2 HEAVY HEX.NUTS ASME B18.2.2 /ASME B1.1 ASTM A 193-B8M CL.2/ASTM A 194-8MA , Size: 0.5 x 65	تعداد	372	
716	13351	125 STUD BOLT W/2 HEAVY HEX.NUTS ASME B18.2.2 /ASME B1.1 ASTM A 193-B8M CL.2/ASTM A 194-8MA , Size: 0.75 x 125	تعداد	2	
717	13393	220 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 / ASME B1.1 ELECTRODEPOSITE ZINC COATED(MIN.25 MICRONS) WITH YELLOW CHROMATE ASTM A193 B7/A194 2H , Size: 0.75 x 220	تعداد	8	
718	13425	Spectacle blind ASME B16.48 600 LB RF (125-500 AARH) From Plate ASTM A 240 GR. TP316L , Size: 1.5 x 0	تعداد	1	
719	13541	Cap ASME B16.11 FTHD 3000# FRGD. ASTM A 182 GR. F304L , Size: 1.5 x 0	تعداد	32	
720	13544	Plug ASME B16.11 MTHD FRGD. ASTM A 182 GR. F304L Hex Head , Size: 1 x 0	تعداد	1	
721	13570	SWEDGE ECCENTric MSS SP-95 MTHDXMTHD S-40XS-40 ASTM A 234 GR. WPB Hot DIP GALVANIZED.Wrought S , Size: 4 x 3	تعداد	1	
722	13627	Tee Reducing ASME B16.11 SW LARGE END * FTHD SMALL END 3000#ASTM A 105 FRGD. , Size: 1 x 0.75	تعداد	1	
723	13635	Flange Blind ASME B16.5 FLG 300 LB RF (125-500 AARH) FRGD. ASTM A 105 , Size: 2 x 0	تعداد	2	
724	13645	THREAOLET MSS SP-97 BWxFTH 3000# FRGD. ASTM A 182 GR. F304L , Size: 2 x 0.75	تعداد	12	
725	13648	Flange Blind ASME B16.5 FLG 300 LB RF (125-500 AARH) FRGD. ASTM A 105 , Size: 3 x 0	تعداد	2	
726	13662	THREAOLET MSS SP-97 BWxFTH 3000# FRGD. ASTM A 105 , Size: 4 x 0.75	تعداد	105	
727	13666	THREAOLET MSS SP-97 BWxFTH 3000# FRGD. ASTM A 105 , Size: 6 x 0.75	تعداد	2	
728	13670	THREAOLET MSS SP-97 BWxFTH 3000# FRGD. ASTM A 105 , Size: 8 x 0.75	تعداد	1	

کسری متريال پايپينگ نواحی و واحد Finishing (پيوست 1)

ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
729	13897	Cap ASME B16.9 BW 7.5 ASTM A403 GR.WP304L WROUGHT S. , Size: 32	تعداد	4	
730	13898	Elbow 90 D LR ASME B16.9 BW 7.5 ASTM A 403 GR. WP304L Wrought W , Size: 32 x 0	تعداد	10	
731	13901	PIPE ASME B36.19M/B16.25 BE E.F.W 32"-7.5MM-304l , Size: 32 x 0	متر	51.6	
732	13914	Latrolet 45 degree MSS SP-97/ Manuf. STD BWxBW 7.5"S-10S ASTM A 182 GR.F304L FRGD , Size: 32x3	تعداد	7.4	
733	13962	Reducer Eccentric ASME B16.9 BW 4X7.5 ASTM A403 GR.WP304L WROUGHT W , Size: 36 x 32	تعداد	4	
734	14039	PIPE ASME B36.19M/B16.25 BE E.F.W 48"-11.5MM , Size: 48 x 0	متر	42.4	
735	14040	FLANGE WELDNECK ASME B16.47 SERIES B 150 LB RF (125-500 AARH) 11.5 ASTM A 182 GR.F304L FRGD. , Size: 48	تعداد	16	
736	14052	Latrolet 45 degree MSS SP-97/ Manuf. STD BWxBW 11.5"S-10S ASTM A 182 GR.F304L FRGD , Size: 48x3	تعداد	6	
737	14058	Latrolet 45 degree MSS SP-97/ Manuf. STD BWxBW 11.5"S-5S ASTM A 182 GR.F304L FRGD , Size: 48x6	تعداد	8	
738	14060	WELDOLET MSS SP-97 BW"BW 11.5 "S-5S ASTM A182 GR.F304L FRGD. , Size: 48x8	تعداد	6	
739	14064	Latrolet 45 degree MSS SP-97/ Manuf. STD BWxBW 11.5"S-5S ASTM A 182 GR.F304L FRGD , Size: 48x10	تعداد	4	
740	14074	Latrolet 45 degree MSS SP-97/ Manuf. STD BWxBW 11.5"S-5S ASTM A 182 GR.F304L FRGD , Size: 48x16	تعداد	12	
741	14091	Reducer Eccentric ASME B16.9 BW 11.5 * 9.5 ASTM A403 GR.WP304L WROUGHT W , Size: 48x40	تعداد	4	
742	14160	PIPE ASME B36.19M/B16.25 BE E.F.W T:14MM ASTM A358 GR. 304L.CL1 , Size: 60 x 0	متر	76.4	
743	14161	FLANGE WELDNECK ASME B16.47 SERIES B 150 LB RF (125-500 AARH) 14 ASTM A 182 GR.F304L FRGD. , Size: 60	تعداد	8	
744	14173	Latrolet 45 degree MSS SP-97/ Manuf. STD BWxBW 14"S-10S ASTM A 182 GR.F304L FRGD , Size: 60x3	تعداد	5	
745	14214	Reducer Eccentric ASME B16.9/MANUF.S STD BW 14 * 11.5 ASTM A403 GR.WP304L WROUGHT W , Size: 60x48	تعداد	2	
746	14543	135 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2 ASME B1.1 ASTM A193 B8 CL.2/ A194 8A , Size: 0.625 x 135	تعداد	4	
747	14756	GASKET FLAT RING 3.0 MM THK ASME B16.21/ASME B16.47B 150 LB POLYTETRAFLUORETHYLENE (PTEF) , Size: 30 x 0	تعداد	4	
748	14763	FLANGE WELDNECK ASME B16.47 SERIES B 150 LB RF (125-500 AARH)6.5 ASTM A 182 GR.F304L FRGD. , Size: 30 x 0	تعداد	4	
749	14820	Reducer Concentric ASME B16.9 BW 7.5X6.5 ASTM A 403 GR.WP304L WROUGHT W , Size: 32 x 30	تعداد	4	
750	600	100 STUD BOLT (UNIFY) HEAVY HEX NUT A193 B7/A194 2H (ELECTROGALVANIZED) , Size: 0.625 x 100	تعداد	117	
751	1084	Tee ASME B16.9 BW S-20 Wrought S ASTM A 234 GR. WPB. , Size: 10 X 10	تعداد	1	
752	1150	Tee Reducing ASME B16.11 SW 3000# FRGD. ASTM A 105 , Size: 1 x 0.75	تعداد	4	
753	1156	Elbow 45 D ASME B16.11 SW 3000# FRGD. ASTM A 105 , Size: 0.75 x 0	تعداد	3	
754	1318	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 106 GR. B S-40 , Size: 3 x 0	متر	171.5135	
755	1503	Full Coupling ASME B16.11 SW 3000# FRGD. ASTM A 105 , Size: 0.75 x 0	تعداد	1	
756	1864	Pipe ASME B36.19M PE SMLS ASTM A 312 TP 304L S-40S , Size: 1.5 x 0	متر	50.932	

كسرى متریال پایپینگ نواحی و واحد Finishing (پیوست 1)

ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
757	1866	Pipe ASME B36.19M/ B16.25 BE SMLS ASTM A 312 TP 304L S-80S , Size: 0.75 x 0	متر	4.502	
758	2026	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 106 GR. B S-80 , Size: 1.5 x 0	متر	18.374	
759	3391	Pipe ASME B36.19M/ B16.25 BE 4 ASTM A 358 GR. 304L CL.1 E.F.W , Size: 36 x 0	متر	9.996	
760	6433	TEE REDUCING ASME B16.9 BWXBW S-STDXS-40 ASTM A234 GR. WPB WROUGHT S , Size: 12 x 10	تعداد	1	
761	8352	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 335 GR. P11 S-40 , Size: 2 x 0	متر	0.426	
762	8534	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 335 GR. P11 S-STD , Size: 12 x 0	متر	4.956	
763	9351	Gasket Spiral Wound - 4.5 mm Thk. ASME B16.20/ASME B16.5 300 LB Graph. filler,IR/OR:SS316L/CS:3.2mm,WINDING:SS316L , Size: 1 x 0	تعداد	1	
764	9399	Flange Socketweld ASME B16.5 150 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F304L S-40S , Size: 1 x 0	تعداد	2	
765	12590	Lateral 45 D with Pad ASME B16.9 / Manuf.s STD BW Wrought S ASTM A 234 GR.WPB S-20 , Size: 8 x 8	تعداد	1	
766	12757	Latrolet 45 degree MSS SP-97/ Manuf. STD BWxBW FRGD. ASTM A 105 S-STD*S-20 , Size: 30 x 12	تعداد	1	
767	12791	Gasket Flat Ring 1.5 mm Thk ASME B16.21/ B16.5 600 LB Flat Graphite Tanged Stainless Steel Insert , Size: 0.5 x 0	تعداد	1	
768	13541	Cap ASME B16.11 FTHD 3000# FRGD. ASTM A 182 GR. F304L , Size: 1.5 x 0	تعداد	1	
769	13543	Plug ASME B16.11 MTHD FRGD. ASTM A 182 GR. F304L Hex Head , Size: 0.75 x 0	تعداد	1	
770	14555	ELBOW 90 D LR ASTM F439 SOLVENT CEMENT S80 CPVC , Size: 2 x 0	تعداد	3	
771	14668	GASKET FULL FACE 3 MM THK ASME B16.21 150 LB SHORE HARDNESS(60 TO 70 MAXIMUM) EPDM , Size: 2 x 0	تعداد	1	
772	14703	FLANGE ADAPTOR ASME B16.5/ASTM D1784 SOLVENT CEMENT 150 LB FF WITH ASTM A105 (PP COATED) BACKING RING S80 CPVC , Size: 2 x 0	تعداد	1	
773	1316	Pipe ASME B36.10M PE SMLS ASTM A 106 GR. B S-80 , Size: 1.5 x 0	متر	120	
774	1328	Pipe ASME B36.10M/ B16.25 BE S-20 S.A.W. API 5L GR. B PSL1,100% RT , Size: 24 x 0	متر	36	
775	1329	Pipe ASME B36.10M/ B16.25 BE S.A.W. API 5L GR. B PSL1,100% RT S-STD , Size: 28 x 0	متر	7.14	
776	1331	Pipe ASME B36.10M/ B16.25 BE S.A.W. API 5L GR. B PSL1,100% RT S-STD , Size: 32 x 0	متر	6.12	
777	3360	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 333 GR. 6 S-40 , Size: 2 x 0	متر	32.64	
778	3362	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 333 GR. 6 S-40 , Size: 3 x 0	متر	6.12	
779	3363	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 333 GR. 6 S-40 , Size: 4 x 0	متر	6.12	
780	3365	PIPE ASME B36.10M / B16.25 BE S-40 ASTM A333 GR. 6 SMLS , Size: 8 x 0	متر	6.12	
781	3376	Pipe ASME B36.19M/ B16.25 BE E.F.W. ASTM A 358 GR.304L CL.1 S-10S , Size: 10 x 0	متر	6.12	
782	3378	Pipe ASME B36.19M/ B16.25 BE E.F.W. ASTM A 358 GR. 304L CL.1 S-10S , Size: 12 x 0	متر	6.12	
783	3380	Pipe ASME B36.19M/ B16.25 BE S-10S ASTM A 358 GR. 304L CL.1 E.F.W , Size: 14 x 0	متر	6.12	
784	3383	Pipe ASME B36.19M/ B16.25 BE E.F.W. ASTM A 358 GR. 304L CL.1 S-5S , Size: 18 x 0	متر	6.12	

کسری متریا ل پایینگ نواحي و واحد Finishing (پیوست 1)

ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
785	4731	Pipe ASME B36.19M/ B16.25 BE SMLS ASTM A 312 TP 316L S-10S , Size: 3 x 0	متر	6.12	
786	4814	Pipe ASME B36.19M/ B16.25 BE SMLS ASTM A 312 TP 316L S-10S , Size: 4 x 0	متر	7.14	
787	6358	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 106 GR. B S-40 , Size: 8 x 0	متر	6.12	
788	6416	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 106 GR. B S-STD , Size: 12 x 0	متر	6.12	
789	7584	Pipe ASME B36.10M/ B16.25 BE S.A.W. API 5L GR. B PSL1,100% RT S-STD , Size: 34 x 0	متر	6.12	
790	8875	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 335 GR. P11 S-80 , Size: 8 x 0	متر	6.12	
791	8914	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 335 GR. P11 S-80 , Size: 12 x 0	متر	6.12	
792	13845	Pipe ASME B36.19M/ B16.25 BE 6.5 ASTM A 358 GR. 304L CL.1 E.F.W , Size: 28 x 0	متر	6.12	
793	BUSHING	INTEL CONNECTION:3/4 MALE THREADED OUTLET CONNECTION:1/2 FEMALE THREADED , Size: 0.75 x 0.5	تعداد	57	
794	FUSIBLE PLUG	FUSIBLE PLUG , Size: 1 x 0	تعداد	75	
795	INJECTION NOZZLE	INJECTION NOZZLE , Size: 1 x 0	تعداد	4	
796	INST	BALL TYPE SIGHT GLASS , Size: 0.75 x 0	تعداد	1	
797	SG-1101	BALL TYPE SIGHT GLASS , Size: 0.75 x 0	تعداد	1	
798	SG-1102	BALL TYPE SIGHT GLASS , Size: 0.75 x 0	تعداد	1	
799	SG-1103	BALL TYPE SIGHT GLASS , Size: 0.75 x 0	تعداد	1	
800	SG-1104	BALL TYPE SIGHT GLASS , Size: 0.75 x 0	تعداد	1	
801	SG-1105	BALL TYPE SIGHT GLASS , Size: 0.75 x 0	تعداد	1	
802	SG-1106	BALL TYPE SIGHT GLASS , Size: 0.75 x 0	تعداد	1	
803	SG-CD1	BALL TYPE SIGHT GLASS , Size: 0.75 x 0	تعداد	1	
804	SPECIAL-2	SPECIAL ITEM-STRAINER T-TYPE BUTTWELD NDS HOLD , Size: 10 x 0	تعداد	1	
805	SP-EJ-1017	SP-EJ-1017 , Size: 6 x 0	تعداد	1	
806	SP-EJ-1018	SP-EJ-1018 , Size: 6 x 0	تعداد	1	
807	SP-EJ-1019	SP-EJ-1019 , Size: 6 x 0	تعداد	1	
808	SP-EJ-1020	SP-EJ-1020 , Size: 6 x 0	تعداد	1	
809	SP-Q-1001	SP-Q-1001 , Size: 0.75	تعداد	58	
810	SP-Q-1025	SIGHT GLASS , Size: 0.5 x 0	تعداد	8	
811	SP-Q-1026	SIGHT GLASS , Size: 0.5 x 0	تعداد	46	
812	SPRAY NOZZLE	SPRAY NOZZLE , Size: 0.5 x 0	تعداد	646	

کسری متریال پاییینگ نواحی و واحد Finishing (پیوست 1)

ROW	ITEM CODE	DESCRIPTION	UNIT	QTY	Deviation
813	SPRAY NUZZLE	SPRAY NUZZLE , Size: 0.5 x 0	تعداد	57	
814	SP-S-1005	STRAINER , DETAIL SPECIFICATION AS PER DATA SHEET FOR STRAINERS WITH DOC.NO. ESBR-PI-DAS-0003 , Size: 1 x 0	تعداد	1	
815	SP-S-1066	SPECIAL ITEM-STRAINER Y-TYPE FLANGED SY-2 150 LB RF , Size: 1 x 0	تعداد	1	
816	SP-T-1400	SPECILA ITEM-THERMODINAMIC STEAM TRAP SOCKET WELD , Size: 0.75 x 0	تعداد	4	
817	11302	60 STUD BOLT W/2 HEAVY HEX . NUTS ASME B18.2.2/ASMEB1.1 ELECTRODEPOSITE ZINC COATED WITH YELLOW CHROMATE TREAT. ASTM A193 B7/A194 2H , Size: 0.5 x 60	تعداد	8	
818	11943	Cap ASME B16.11 FTHD 3000# FRGD. ASTM A 105 , Size: 0.75 x 0	تعداد	14	
819	13539	Cap ASME B16.11 FTHD 3000# FRGD. ASTM A 182 GR. F304L , Size: 0.75 x 0	تعداد	3	
820	2002	Flange Weldneck ASME B16.5 150 LB RF (125-250 AARH) FRGD. ASTM A 105 S-80 , Size: 0.5 x 0	تعداد	1	
821	2006	Flange Weldneck ASME B16.5 150 LB RF (125-250 AARH) FRGD. ASTM A 105 S-40 , Size: 2 x 0	تعداد	4	
822	3149	Flange Weldneck ASME B16.5 300 LB RF (125-250 AARH) FRGD. ASTM A 105 S-80 , Size: 1.5 x 0	تعداد	1	
823	4512	Full Coupling ASME B16.11 FTHD 3000# FRGD. ASTM A 105 Hot Dip Galvanized , Size: 1 x 0	تعداد	3	
824	7694	Valve Ball FB BS EN ISO 17292 FLG 150 LB RF (125-250 AARH) Cast ASTM A 216 GR. WCB TA-LUFT as per ISO 15848 BVRF3AYF10 , Size: 1 x 0	تعداد	14	
825	1319	Pipe ASME B36.10M/ B16.25 BE SMLS ASTM A 106 GR. B S-40 , Size: 4	متر	457.43311	
826	9371	Valve Gate API 602 FLG 150 LB RF (125-500 AARH) FRGD. ASTM A 182 GR. F304SB,BB,RS GVTH7MNR10 , Size: 1 x 0	تعداد	43	
827	4478	CAP ASME B16.11 FTHD 3000# ASTM A105 HOT DIP GALVANIZED FRGD , Size: 1 x 0	تعداد	1	
828		PIPE, BE,Sch 30 ASTM A106 GR.B-SMLS 3LPE COATED ,Size : 20"	متر	372	