

مشخصات فنی اقلام مورد نیاز لوله کشی واحد فاز گازی پلی اتیلن/ پلی پروپیلن

-Item No.	Material	SIZE		PIPE/M	MAT QTY/ NO
1	PIPE, ANSI B36.10, PLAIN ENDS, SCH 80, SMLS, API 5L GR.B	1/2"		PIPE	360
2	PIPE BE A312 GR.TP304 ASME B36.19 SMLS SCH 10S	2 1/2"		PIPE	60
3	PIPE, ANSI B36.10, PLAIN ENDS, SCH 40, SMLS, API 5L GR.B	2 1/2"		PIPE	48
4	'PIPE, ANSI B36.10 ,BE, SCH 40, SMLS, API 5L GR.B	2"		PIPE	480
5	PIPE, ANSI B36.10, PLAIN ENDS, SCH 40, SMLS, API 5L GR.B	3"		PIPE	180
6	PIPE, ANSI B36.10, PLAIN ENDS, SCH 40, SMLS, API 5L GR.B	4"		PIPE	120
7	PIPE, ANSI B36.10, PLAIN ENDS, SCH 40, SMLS, API 5L GR.B	6"		PIPE	36
8	PIPE, ANSI B36.10, PLAIN ENDS, SCH 80, SMLS, API 5L GR.B	1 1/2"		PIPE	60
9	PIPE, ANSI B36.10, PLAIN ENDS, SCH 80, SMLS, API 5L GR.B	3/4"		PIPE	60
10	PIPE, ANSI B36.19, BEVELED ENDS, SCH 10S, SMLS, A312 TP304	2"		PIPE	30
11	PIPE, ANSI B36.19, BEVELED ENDS, SCH 40S, SMLS, A312 TP304	4"		PIPE	12
12	PIPE, ANSI B36.19, BEVELED ENDS, SCH 40S, SMLS, A312 TP304	6"		PIPE	6
13	PIPE, ANSI B36.19, PLAIN ENDS, SCH 40S, SMLS, A312 TP304	1 1/2"		PIPE	12
14	PIPE, ANSI B36.19, PLAIN ENDS, SCH 40S, SMLS, A312 TP304	1/2"		PIPE	60
15	PIPE, ANSI B36.19, PLAIN ENDS, SCH 80S, SMLS, A312 TP304	1 1/2"		PIPE	120
16	PIPE, ANSI B36.19, PLAIN ENDS, SCH 40, SMLS, A106 B	1"		PIPE	510
17	PIPE, ANSI B36.19, PLAIN ENDS, SCH 80S, SMLS, A312 TP304	1/2"		PIPE	60
18	PIPE, ANSI B36.10, THRD ENDS, SCH 40, SMLS, API 5L GR.B, GALVANIZED A120	1 1/2"		PIPE	48
19	REDUCER, CONCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	4"x3"		RED	2
20	REDUCER, CONCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40S, A403 304, SMLS	2"x1"		RED	1
21	REDUCER, CONCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40x80, A234 WPB, SMLS	2"x1 1/2"		RED	4
22	REDUCER, ECCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	3"x2"		RED	2
23	REDUCER, ECCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	4"x2"		RED	5
24	STEAM TRAP WITH STRAINER, SOCKET WELDING ENDS, 800#, A105	1/2"		TRAP	3
25	SWAGE, CONCENTRIC, MSS SP-95, SCH 80, A106 B	1"x1/2"		RED	20
26	SWAGE, CONCENTRIC, MSS SP-95, SCH 80, A106 B	1"x3/4"		RED	20
27	SWAGE, CONCENTRIC, MSS SP-95, SCH 80S, A312 TP304	1 1/2"x1"		RED	4
28	45 ELBOW LR, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 10S, A403 304, SMLS	2"		ELL	6
29	45 ELBOW LR, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 10S, A403 304, SMLS	3"		ELL	6
30	90 ELBOW LR, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 10S, A403 304, SMLS	12"		ELL	3
31	90 ELBOW LR, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 10S, A403 304, SMLS	6"		ELL	9

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-Item No.	Material	SIZE		PIPE/M	MAT QTY/ NO
32	BALL VALVE, BS 5351, FLANGED ENDS, SHORT PATTERN, 150#, RF(125Ra-250Ra), REDUCED PORT, A216 WCB	2"		BALL	5
33	BALL VALVE, BS 5351, FLANGED ENDS, SHORT PATTERN, 150#, RF(125Ra-250Ra), REDUCED PORT, A351 CF8M	4"		BALL	3
34	BALL VALVE, BS 5351, FLANGED ENDS, SHORT PATTERN, 300#, RF(125Ra-250Ra), REDUCED PORT, A351 CF8M	2"		BALL	5
35	CAP, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	8"		CAP	2
36	CAP, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40S, A403 304, SMLS	2"		CAP	3
37	CHECK VALVE, SWING TYPE, BS 1868/ANSI B16.5, FLANGED ENDS, 300#, RF(125Ra-250Ra), A216 WCB	1 1/2"		CHECK	4
38	FLANGE, BLIND, ANSI B16.5, 300#, RF(125Ra-250Ra), A182 F304	2"		FLANGE	1
39	FLANGE, WELDING NECK, ANSI B16.5, 150#, RF(125Ra-250Ra), SCH10S, A182 F304	6"		FLANGE	15
40	'FORGED REDUCING TEE, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A182 F304	2"x1"		TEE	1
41	GATE VALVE, API 600, FLANGED ENDS, 150#, RF(125Ra-250Ra), A216 WCB	3"		FLANGE	2
42	GLOBE VALVE, BS 5352/ANSI B16.5, FLANGED ENDS, 300#, RF(125Ra-250Ra), A351 CF8	1/2"		FLANGE	6
43	JACKET ENDING & BREAKING RING, A105	2"x1"		JACKET END	1
44	JACKET ENDING & BREAKING RING, A182 F304	3"x2"		JACKET END	6
45	REDUCER, CONCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40S, A403 304, SMLS	4"x2"		RED	5
46	REDUCER, CONCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40S, A403 304, SMLS	6"x3"		RED	1
47	REDUCER, ECCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	4"x2"		RED	5
48	REDUCER, ECCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40S, A403 304, SMLS	3"x1 1/2"		RED	3
49	REDUCER, ECCENTRIC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40x80, A234 WPB, SMLS	4"x1 1/2"		RED	10
50	SPECTACLE BLIND, 150#, 125Ra-250Ra, A240 304	2"		SPECTACLE	1
51	SPECTACLE BLIND, 150#, 125Ra-250Ra, A516 70	2"		SPECTACLE	1
52	SPECTACLE BLIND, 150#, 125Ra-250Ra, A516 70	3"		SPECTACLE	2
53	SPECTACLE BLIND, 300#, 125Ra-250Ra, A240 304	6"		SPECTACLE	1
54	SPECTACLE BLIND, 300#, 125Ra-250Ra, A516 70	1 1/2"		SPECTACLE	3
55	SWAGE, CONCENTRIC, MSS SP-95, SCH 80S, A312 TP304	1"x3/4"		RED	5
56	TEE EQUAL ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 10S, A403 304, SMLS	4"		TEE	2
57	TEE EQUAL ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	6"		TEE	4
58	TEE, REDUCING, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 10S, A403 304, SMLS	6"x4"		TEE	5
59	TEE, REDUCING, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	6"x4"		TEE	3
60	TEE, REDUCING, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	8" * 6"		TEE	2
61	TEE, REDUCING, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40S, A403 304, SMLS	2"x1"		TEE	7
62	SWAGE, ECCENTRIC, MSS SP-95, SCH 40, A106 B, GALVANIZED A120	2"*1"		RED	1

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-Item No.	Material	SIZE	PIPE/M	MAT QTY/ NO
63	REDUCER, ECC, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 10S, A403 304, SMLS	5"x3"	RED	1
64	ELBOW,45, LONG RADIUS BW A403 GR.WP304 ASME B16.9 SMLS SCH 40S	3"	ELL	2
65	Y-TYPE STRAINER 150# RF/SRF MNFSTD Body - bonnet : ASTM A 182 gr.F 304 or ASTM A 351 gr.CF 8 , Filter : S.S.	1"	FILTER	3
66	FLANGE SW, 150# SRF/RF A182 GR.F304 ASME B16.5 FRGD	1/2"	FLANGE	85
67	FLANGE SW, 150# SRF/RF A182 GR.F304 ASME B16.5 FRGD	3/4"	FLANGE	8
68	FLANGE SW 150# RF/SRF A182 GR.F304 ASME B16.5 FRGD	1"	FLANGE	50
69	FLANGE SW 150# RF/SRF A182 GR.F304 ASME B16.5 FRGD	1 1/2"	FLANGE	10
70	FLANGE SLIP ON 150# RF/SF A182 GR.F304 ASME B16.5 FRGD SCH 10S	12"	FLANGE	2
71	LATERAL SOCKOLET 3000# SW A182 GR.F304 ASME B16.11 FRGD	3/4"	LAT	3
72	LATERAL SOCKOLET 3000# SW A182 GR.F304 ASME B16.11 FRGD	1"	LAT	9
73	LATERAL SOCKOLET 3000# SW A182 GR.F304 ASME B16.11 FRGD	2"	LAT	5
74	SPECTACLE DISC SRF 150# A182 GR.F304/A240 GR.TP304 6ES-7D02(Licensor STD)	6"	SPECTACLE	2
75	SPECTACLE DISC SRF 300# ASTM A105 6ES-7D02(licensor STD)	1/2"	SPECTACLE	4
76	CONCENTRIC REDUCER BW A403 GR.WP304 ASME B16.9 SMLS SCH 40S	4" * 3"	RED	2
77	CONCENTRIC REDUCER BW A403 GR.WP304 ANSI B16.9 SMLS SCH 10S	5" * 3"	RED	2
78	CONCENTRIC REDUCER BW A234 GR.WPB ASME B16.9 SMLS SCH 40	6" * 4"	RED	8
79	CONCENTRIC REDUCER BW A403 GR.WP304 ASME B16.9 SMLS SCH 40S	6" * 4"	RED	2
80	CONCENTRIC REDUCER BW A234 GR.WPB ASME B16.9 SMLS SCH 40	8" * 6"	RED	4
81	CONCENTRIC REDUCER BW A403 GR.WP304 ASME B16.9 SMLS SCH 40S	8" * 6"	RED	3
82	CONCENTRIC REDUCER BW A403 GR.WP304 ASME B16.9 SMLS SCH 40S	10" * 8"	RED	2
83	CONCENTRIC REDUCER BW A403 GR.WP304 ASME B16.9 SMLS SCH 10S	1 1/2" * 1"	RED	2
84	CONCENTRIC REDUCER BW A234 GR.WPB ASME B16.9 SMLS SCH 40	2" * 1"	RED	11
85	CONCENTRIC REDUCER BW WROUGHT-S ASTM A403 GR. WP304-S Sch 10s	2" * 1"	RED	18
86	CONCENTRIC REDUCER BW A234 GR.WPB ASME B16.9 SMLS SCH 40	2" * 1 1/2"	RED	4
87	CONCENTRIC REDUCER BW A403 GR.WP304 ASME B16.9 SMLS SCH 40S	2" * 1 1/2"	RED	10
88	CON REDUCER BW A234 GR.WPB ASME B16.9 SMLS SCH 40	3" * 1 1/2"	RED	10
89	ECCENTRIC REDUCER SCH 40S BW ASTM A403 gr.WP304 ANSI B16.9 SMLS	4" * 2"	RED	8
90	ECCENTRIC REDUCER SCH 40S BW ASTM A403 gr.WP304 ANSI B16.9 SMLS	2" * 1"	RED	8
91	ECCENTRIC REDUCER BW A403 GR.WP304 ASME B16.9 SMLS SCH 40S	3" * 1 1/2"	RED	2
92	ECCENTRIC REDUCER BW A234 GR.WPB ASME B16.9 SMLS SCH 40	4" * 3 1/2"	RED	6
93	DRIP RING 150# RF/SF 45MM ASTM A 182 gr.F 304 6ES-7A06(Licensor STD)	4" * 1/2"	DRIP	4

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-Item No.	Material	SIZE		PIPE/M	MAT QTY/ NO
94	STRAIGHT TEE BW A234 GR.WPB ASME B16.9 SMLS SCH 40	8"	TEE		4
95	STRAIGHT TEE BW A403 GR.WP304 MSS SP43 SMLS SCH 10S	2"	TEE		4
96	REDUCING TEE BW A234 GR.WPB ASME B16.9 SMLS SCH 40	3" * 2"	RED		5
97	STRAIGHT TEE BW A403 GR.WP304 ASME B16.9 SMLS SCH 10S	3"	TEE		5
98	BUTTERFLY VALVE 300# RF RF/SF FLGD A 351-CF8 2-304 BB A193-B8 C11/8A	8"	BUTTR		1
99	CHECK VALVE 150# FLGD RF/SRF Carbon Steel + Stellite , Body - bonnet : ASTM A 216 gr. WCB , Disc : ASTM A 1 ANSI BS 1868	2 1/2"	CHECK		5
100	BUTTERFLY VALVE 150# LUG Carbon/Stainless Steel , Body : ASTM A 216 gr. WCB , Disc : ASTM A 351 gr.CF 8M , Ste MSS SP-68	6"	BUTTR		11
101	BALL VALVE 150# FLGD RF/SRF Carbon Steel , Body & Stuffing box Flange : ASTM A 105 or ASTM A 216 gr.WCB BS 5351	2 1/2"	BALL		4
102	BALL VALVE 150# FLGD RF/SRF Stainless Steel , Body -bonnet : ASTM A 351 gr.CF 8 BS 5351, ISO 5752	1/2"	BALL		30
103	BALL VALVE 150# FLGD RF/SRF Stainless Steel , Body -bonnet : ASTM A 351 gr.CF 8 BS 5351, ISO 5752	1"	BALL		8
104	BALL VALVE 300# FLGD RF/SRF Carbon Steel , Body & Stuffing box Flange : ASTM A 105 or ASTM A 216 gr.WCB BS 5351	1 1/2"	BALL		16
105	90 ELBOW LR, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 10S, A403 304, SMLS	2"	ELL		6
106	90 ELBOW LR, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	2"	ELL		150
107	90 ELBOW LR, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	2 1/2"	ELL		15
108	90 ELBOW LR, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	3"	ELL		21
109	90 ELBOW LR, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	4"	ELL		13
110	90 ELBOW LR, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	6"	ELL		18
111	90 FORGED ELBOW, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A105	1"	ELL		300
112	90 FORGED ELBOW, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A105	1/2"	ELL		300
113	90 FORGED ELBOW, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A105	3/4"	ELL		100
114	90 FORGED ELBOW, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A182 F304	1/2"	ELL		100
115	BALL VALVE, BS 5351, FLANGED ENDS, 600#, RF(125Ra-250Ra), REDUCED PORT, A216 WCB	2"	BALL		5
116	BALL VALVE, BS 5351, FLANGED ENDS, SHORT PATTERN, 150#, RF(125Ra-250Ra), REDUCED PORT, A216 WCB	2"	BALL		3
117	BALL VALVE, BS 5351, FLANGED ENDS, SHORT PATTERN, 150#, RF(125Ra-250Ra), REDUCED PORT, A216 WCB	2 1/2"	BALL		3
118	BALL VALVE, BS 5351, FLANGED ENDS, SHORT PATTERN, 150#, RF(125Ra-250Ra), REDUCED PORT, A216 WCB	3"	BALL		1
119	BALL VALVE, BS 5351, FLANGED ENDS, SHORT PATTERN, 300#, RF(125Ra-250Ra), FULL PORT, A351 CF8M	1/2"	BALL		1
120	BALL VALVE, BS 5351, SOCKET WELDING ENDS, 800#, A105	1 1/2"	BALL		20
121	BALL VALVE, BS 5351, SOCKET WELDING ENDS, 800#, A182 F304	1/2"	BALL		20
122	BALL VALVE, MSS SP-80, THRD ENDS, 150#, FULL PORT, ASTM B62	1/2"	BALL		30
123	CAP, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	2"	CAP		1
124	CAP, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	6"	CAP		1

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-Item No.	Material	SIZE		PIPE/M	MAT QTY/ NO
125	CAP, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40S, A403 304, SMLS	3"		CAP	2
126	CHECK VALVE, BS 5352/ANSI B16.11, SOCKET WELDING ENDS, 800#, A105	1 1/2"		CHECK	1
127	CHECK VALVE, BS 5352/ANSI B16.11 SWING TYPE , SOCKET WELDING ENDS, 800#, A105	1/2"		CHECK	10
128	CHECK VALVE, BS 5352/ANSI B16.11, SWING TYPE SOCKET WELDING ENDS, 800#, A105	3/4"		CHECK	1
129	CHECK VALVE, SWING TYPE, BS 1868/ANSI B16.5, FLANGED ENDS, 150#, RF(125Ra-250Ra), A216 WCB	2"		CHECK	4
130	CHECK VALVE, SWING TYPE, BS 1868/ANSI B16.5, FLANGED ENDS, 150#, RF(125Ra-250Ra), A216 WCB	4"		CHECK	1
131	CHECK VALVE, SWING TYPE, BS 1868/ANSI B16.5, FLANGED ENDS, 300#, RF(125Ra-250Ra), A351 CF8	1"		CHECK	1
132	FLANGE, BLIND, ANSI B16.5, 150#, RF(125Ra-250Ra), A182 F304	1/2"		FLANGE	50
133	FLANGE, BLIND, ANSI B16.5, 300#, RF(125Ra-250Ra), A105	1/2"		FLANGE	55
134	FLANGE, BLIND, ANSI B16.5, 300#, RF(125Ra-250Ra), A182 F304	3"		FLANGE	1
135	FLANGE, SOCKET WELDING, ANSI B16.5, 300#, RF(125Ra-250Ra), A105	1"		FLANGE	20
136	FLANGE, SOCKET WELDING, ANSI B16.5, 300#, RF(125Ra-250Ra), A105	1/2"		FLANGE	20
137	FLANGE, SOCKET WELDING, ANSI B16.5, 150#, RF(125Ra-250Ra), A105	1 1/2"		FLANGE	4
138	FLANGE, SOCKET WELDING, ANSI B16.5, 150#, RF(125Ra-250Ra), A105	1"		FLANGE	32
139	FLANGE, SOCKET WELDING, ANSI B16.5, 300#, RF(125Ra-250Ra), A182 F304	1"		FLANGE	10
140	FLANGE, SOCKET WELDING, ANSI B16.5, 300#, RF(125Ra-250Ra), A182 F304	1/2"		FLANGE	10
141	FLANGE, SOCKET WELDING, ANSI B16.5, 600#, RF(125Ra-250Ra), A182 F304	1/2"		FLANGE	2
142	FLANGE, WELDING NECK, ANSI B16.5, 150#, RF(125Ra-250Ra), SCH10S, A182 F304	2"		FLANGE	10
143	FLANGE SLIP ON, ANSI B16.5, 150#, RF(125Ra-250Ra), SCH40, A105	2"		FLANGE	25
144	FLANGE, WELDING NECK, ANSI B16.5, 150#, RF(125Ra-250Ra), SCH40, A105	2"		FLANGE	34
145	FLANGE, WELDING NECK, ANSI B16.5, 150#, RF(125Ra-250Ra), SCH40, A105	3"		FLANGE	17
146	FLANGE, WELDING NECK, ANSI B16.5, 150#, RF(125Ra-250Ra), SCH40, A105	4"		FLANGE	10
147	FORGED EQUAL TEE, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A105	1"		TEE	64
148	FORGED EQUAL TEE, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A105	1/2"		TEE	50
149	FORGED EQUAL TEE, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A105	3/4"		TEE	10
150	FORGED EQUAL TEE, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A182 F304	1"		TEE	35
151	FORGED EQUAL TEE, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A182 F304	1/2"		TEE	15
152	FORGED REDUCING TEE, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A105	1 1/2"x3/4"		TEE	5
153	FORGED REDUCING TEE, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A105	1"x1/2"		TEE	30
154	FORGED REDUCING TEE, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A182 F304	1 1/2"x1/2"		TEE	10
155	FORGED REDUCING TEE, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A182 F304	1"x1/2"		TEE	18

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-Item No.	Material	SIZE		PIPE/M	MAT QTY/ NO
156	GLOBE VALVE, API 600, FLANGED ENDS, 150#, RF(125Ra-250Ra), A216 WCB	2"		GLOB	2
157	GATE VALVE, API 600, FLANGED ENDS, 150#, RF(125Ra-250Ra), A216 WCB	2"		GATE	13
158	GATE VALVE, API 600, FLANGED ENDS, 150#, RF(125Ra-250Ra), A216 WCB	6"		GATE	2
159	FLANGE, SLIP ON ANSI B16.5, 150#, RF(125Ra-250Ra), SCH40, A105	4"		FLANGE	10
160	GATE VALVE, API 600, FLANGED ENDS, 150#, RF(125Ra-250Ra), A216 WCB	4"		GATE	5
161	GATE VALVE, API 600, FLANGED ENDS, 150#, RF(125Ra-250Ra), A216 WCB	3"		GATE	5
162	GATE VALVE, API 602, SOCKET WELDING ENDS, 800#, A105	1"		GATE	15
163	GATE VALVE, API 602, SOCKET WELDING ENDS, 800#, A105	1 1/2"		GATE	20
164	GATE VALVE, API 602, SOCKET WELDING ENDS, 800#, A105	3/4"		GATE	16
165	GATE VALVE, API 602, SOCKET WELDING ENDS, 800#, A182 F304	1 1/2"		GATE	10
166	GATE VALVE, API 602, SOCKET WELDING ENDS, 800#, A182 F304	1"		GATE	20
167	GATE VALVE, API 602, SOCKET WELDING ENDS, 800#, A182 F304	1/2"		GATE	5
168	GATE VALVE, API 602, SOCKET WELDING ENDS, 800#, A182 F304	3/4"		GATE	5
169	GATE VALVE, API 602, THRD ENDS, 800#, A105	1/2"		GATE	81
170	GATE VALVE, API 602, THRD ENDS, 800#, A182 F304	1/2"		GATE	15
171	GLOBE VALVE, BS 5352/ANSI B16.11, SOCKET WELDING ENDS, 800#, A105	1 1/2"		GLOB	3
172	GLOBE VALVE, BS 5352/ANSI B16.11, SOCKET WELDING ENDS, 800#, A105	1"		GLOB	11
173	GLOBE VALVE, BS 5352/ANSI B16.11, SOCKET WELDING ENDS, 800#, A182 F304	1/2"		GLOB	5
174	HALF COUPLING, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A105	1"		HALF	50
175	HALF COUPLING, ANSI B16.11, SOCKET WELDING ENDS, 3000#, A105	1/2"		HALF	50
176	ORIFICE FLANGE, WELDING NECK, ANSI B16.36, 300#, RF(125Ra-250Ra), SCH40, A105	2"		ORIFCE	1
177	SWAGE, ECCENTRIC, MSS SP-95, SCH 80, A106 B	1 1/2"x3/4"		RED	5
178	TEE EQUAL ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 10S, A403 304, SMLS	6"		TEE	1
179	TEE EQUAL ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40S, A403 304, SMLS	6"		TEE	1
180	TEE EQUAL ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	2"		TEE	10
181	TEE EQUAL ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40, A234 WPB, SMLS	3"		TEE	10
182	TEE, REDUCING, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 10S, A403 304, SMLS	6"x4"		TEE	1
183	TEE, REDUCING, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40S, A403 304, SMLS	2"x1"		TEE	20
184	TEE, REDUCING, ANSI B16.9/ANSI B16.25, BUTT WELDING ENDS, SCH 40x80, A234 WPB, SMLS	2"x1 1/2"		TEE	2
185	FULL COUPLING SS 304 SW ANSI B 16/9	1"		COUPLIN G	20
186	FULL COUPLING SS 304 SW ANSI B 16/9	1/2"		COUPLIN G	50

مشخصات فنی اقلام مورد نیاز لوله کشی واحد فاز گازی پلی اتیلن / پلی پروپیلن

-Item No.	Material	SIZE		PIPE/M	MAT QTY/ NO
187	FULL COUPLING CS A 105 SW ANSI B 16/9	1"	COUPLIN G		60
188	FULL COUPLING CS A 105 SW ANSI B 16/9	1/2"	COUPLIN G		50
189	Y TYPE STRAINER, SOCKET WELDING ENDS, 800#, A105	1"	FILTER		2
190	Y TYPE STRAINER, FLANGED ENDS, 600#, RF(125Ra-250Ra), A351 CF8	1/2"	FILTER		2
191	Y TYPE STRAINER, SOCKET WELDING ENDS, 800#,304	1/2"	FILTER		5
192	STUD BOLTS + 2NUTS, A 193-B7/A194 2H ASME B1.13M/B18.2.4.6M GALVA	M14 * 85	STUD		200
193	STUD BOLTS + 2NUTS, A 193-B7/A194 2H ASME B1.13M/B18.2.4.6M GALVA	M14 * 75	STUD		300
194	STUD BOLTS + 2NUTS, A 193-B7/A194 2H ASME B1.13M/B18.2.4.6M GALVA	M14 * 65	STUD		500
195	STUD BOLTS + 2NUTS, A 193-B7/A194 2H ASME B1.13M/B18.2.4.6M GALVA	M20 * 115	STUD		50
196	STUD BOLTS + 2NUTS, A 193-B7/A194 2H ASME B1.13M/B18.2.4.6M GALVA	M20 * 190	STUD		20
197	STUD BOLTS + 2NUTS, A 193-B7/A194 2H ASME B1.13M/B18.2.4.6M GALVA	M20 * 90	STUD		100
198	STUD BOLTS + 2NUTS, A 193-B7/A194 2H ASME B1.13M/B18.2.4.6M GALVA	M20 * 100	STUD		100
199	STUD BOLTS + 2NUTS, A 193-B7/A194 2H ASME B1.13M/B18.2.4.6M GALVA	M20 * 125	STUD		50
200	STUD BOLTS + 2NUTS, A 193-B7/A194 2H ASME B1.13M/B18.2.4.6M GALVA	M16 * 75	STUD		100
201	STUD BOLTS + 2NUTS, A 193-B7/A194 2H ASME B1.13M/B18.2.4.6M GALVA	M16 * 90	STUD		700
202	STUD BOLTS + 2NUTS, A 193-B7/A194 2H ASME B1.13M/B18.2.4.6M GALVA	M16 * 190	STUD		20
203	STUD BOLTS + 2NUTS, A 193-B7/A194 2H ASME B1.13M/B18.2.4.6M GALVA	M16 * 80	STUD		75
204	STUD BOLTS + 2NUTS, A 193-B7/A194 2H ASME B1.13M/B18.2.4.6M GALVA	M16 * 85	STUD		200
205	STUD BOLTS + 2NUTS, A 193-B7/A194 2H ASME B1.13M/B18.2.4.6M GALVA	M16*100	STUD		100