

POS.	LEGEND	N°	MATERIAL
1	SELF-STANDING SKID WITH LIFTING EYES	1	IRON - FT. 350
2	# 10" ANSI 150# DELUGE VALVE WATER TYPE -799-90-14801	1	C. ST./O. ROUN/REBER
3	# 10" ANSI 150# BUTTERFLY VALVE WATER TYPE	2	4218 W29 / AISI 316
4	# 10" ANSI 150# GLOBE VALVE	1	4218 W29 / AISI 316
5	# 10" ANSI 150# FLANGED STAMPER "T" TYPE	1	CARB. STEEL / AISI 316
6	# 2" NPT ANSI 80# BALL VALVE (STAMPER DOWN)	1	C. ST. - 1/4-105/AISI 304
7	# 100 PRESSURE GAUGE 0-25 bar - 1/2" NODK CONN.	2	STAINLESS STEEL
8	PRESSURE SWITCH EX-4 - "NPT-40" TYPE (SET AT 1 BAR)	1	BRASS / LIGHT ALLOY
9	THREE WAY MANUAL RELEASE VALVE	1	CARB. STEEL/ST. STEEL
10	PRESSURE REDUCER 30 x 3/5 BAR - MOD. R121 C1	1	BRASS "V"-40"
11	#1/2" NPT BALL VALVE (INTERCEPTION LINE)	7	ST. STEEL - AISI 316
12	#1/2" NPT EXH. VALVE FOR AIR	1	ST. STEEL - AISI 316
13	# 100 PRESSURE GAUGE 0-16 bar - 1/2" NODK CONN.	2	STAINLESS STEEL
14	# 1/4"NPT 3 WAYS SOLIDND VALVE - 24 Wg EX-46	1	STAINLESS STEEL
15	RESTRICTION ORIFICE # 2 mm	1	ST. STEEL - AISI 316
16	JUNCTION BOX - WATER PROOF - EX-4 - "TPE" TOP-1"	1	LIGHT ALLOY
17	LL 10 AIR TANK WITH SAFETY RELIEF VALVE (1 BAR)	1	ORIRON STEEL
18	# 2" BALL VALVE (DRAIN LINE)	1	STAINLESS STEEL
19	PRESSURE SWITCH EX-4 - "NPT-40" TYPE (SET AT 2.5 BAR)	1	C. STEEL /LIGHT ALLOY
20	PNEUMATIC ACTUATOR	1	BRASS/ST. STEEL
21	EMERGENCY RELEASE STATION	1	BRASS/OPWA STEEL
22	SHUTOFF VALVE	1	BRASS
23	MANUAL RESET MAND	1	BRASS

BATTERY LIMIT CONNECTIONS:

- A** - 10" ANSI 150# RF WATER INLET
- B** - 10" ANSI 150# RF WATER DISCHARGE
- C** - 2" ANSI 150# RF INSTRUMENT AIR SUPPLY
- D** - 2" ANSI 150# RF INSTRUMENT AIR OUTLET

UTILITY DATA:

DESIGN PRESSURE : WATER : 11.5 bara
WORKING PRESSURE : 12 bara
TEST PRESSURE : 21 bara
TEMPERATURE (DESIGN) : 65 °C : 65°C

MATERIAL:

- PIPING WATER LINE API 5L Gr. B Sch. 40 & FLANGES
- ASTM A105 ANSI 150#-125/250 AARH
- PIPING AIR LINE : AISI 316 SCH.40# FITTINGS 3000LBS NPT SCREW-FLANGE
- A182 ANSI 150-125/250 AARH

FINISH:

- SKID PAINTING : RED RAL 3002 - DRY FILM TH. = 150 Micron
- EXTERNAL PIPING : RED RAL 3002 - DRY FILM TH. = 150 Micron
- INTERNAL PIPING : CERAMIC COATING - DRY TH. 300 Micron

NOTE:

- TOTAL WEIGHT : 1200 Kg. ~
- DRAWING VALID FOR N° 2 SKID
- TAG. DL-2001
- DL-3001

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OWNER:	NATIONAL PETROCHEMICAL COMPANY ZAGROS PETROCHEMICAL COMPLEX
OWNER:	شرکت پتروشیمی زاگرس