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E-101
WASH WATER COOLER
(ABSORBER 1)

SEA WATER COOLING RETURN
M6-WL-00003

WL CN
CN WL

E-101
(NOTE 4)

V013
V027
TW 0162
(D) V609
CHEMICAL CLEANING
1-CN-L262-S1E-8"

1-CN-L222-S1E-16"

PSV 900
PSET = 15.0 BARG
LO
1-CN-L339-S1E-3/4"
(D) V612
V015
(V) V704
LO
V014
L H
TI 0166
PP 0164
TE 0166
V611
(V) V703
1-WP-L263-S1E-1"
(D) DRAIN XW-001

1-CN-L269-S1E-8"
CHEMICAL CLEANING
V028
V016

FI 0168A
FIC 0168A
FIT 0168A
V613A
V613B
FV 0170A
ZI 0170A
AS
FE 0168A
V020
V612A
(D)
FO
V612B
(D)
V021
1-CN-L758-S1E-4"
WASH WATER
M6-CN-00020
TO T-101
V022

FI 0168B
FIC 0168B
FIT 0168B
V612A
V612B
FV 0170B
ZI 0170B
AS
FE 0168B
V017
V611A
(D)
FO
V611B
(D)
V018
1-CN-L107-S1E-16"
WASH WATER
M6-CN-00020
TO T-101
V019

SAMPLING PANEL
1/4" SS TUBING
V023
CN JA
1-JA
MEA
AIT
1-JA
AI

SEA WATER COOLING SUPPLY
M6-WL-00002

LEVEL SIGNAL
M6-CN-00020
FROM LIC-0110A

LV 0160
ZI 0160
AS
V024
V613A
(D)
FC
V613B
(D)
V025
1-CN-L226-S1E-6"
EXCESS WATER
M6-CN-00080
TO T-101/T-102
V026

V610
PIT 0158
PI 0158

1-CN-L223-S1E-16"
V007A
V009B

1-CN-L221-S1E-24"
1-CN-L274-S1E-1"

HOT WASH WATER
M6-CN-00020
FROM T-101
1-CN-L106-S1E-24"
V007A

PP 0151A
PP 0150A
PY
HS 0152A
V688A
V607A
(NOTE 6)
V605A
V606A
P-102A
(NOTE 4, 5)
V608A
PI 0154A
V007B
PP 0151B
PP 0150B
PY
HS 0152B
V686B
V607B
(NOTE 6)
V605B
V606B
P-102B
(NOTE 4, 5)
V608B
PI 0154B

1-CN-L270-S1E-1"
1-CN-L272-S1E-1"
1-CN-L273-S1E-1"
1-CN-L275-S1E-1"
1-CN-L326-S1E-1"

(D) DRAIN XW-001

P-102A/B
WASH WATER
RECIRCULATION PUMPS
(ABSORBER 1)

NOTES:
1. FOR SYMBOLS AND LEGENDS SEE DRAWINGS M6J-YA-00001 THROUGH M6J-YA-00005.
2. ALL LINES, VALVES, EQUIPMENT, AND INSTRUMENT NUMBERS ARE PREFIXED WITH "CN", UNLESS NOTED OTHERWISE.
3. ALL VENTS, DRAINS AND INSTRUMENTATION ROOT VALVES ARE 1", UNLESS NOTED OTHERWISE.
4. EQUIPMENT TO BE HEAT TRACED.
5. PUMP SEAL FLUSHING – DETAILS TO BE PREPARED LATER.
6. START-UP STRAINER TO BE REMOVED SUBSEQUENT TO PLANT COMMISSIONING. TO BE REPLACED WITH COARSE STRAINER FOR NORMAL OPERATION.

HOLDS:
1. CONTROL VALVE (C/V) AND PRESSURE SAFETY VALVE (PSV) SIZES.

NO.	DATE	REVISIONS	BY	CHK	DES	ENGR	PROJ	APPR
0	12. NOV 08	ISSUED FOR APPROVAL	KJ	UP	–	RS		

Owner: GASSNOVA
Owner Drawing No.: 10112936-PB-P-PID-0008
Contractor: BECHTEL POWER CORPORATION FREDERICK, MARYLAND

C02 KARSTO PROJECT

PIPING & INSTRUMENT DIAGRAM
ABSORBER 1 WASH WATER
COOLING SYSTEM

Sheet Size: 594x841 "A1" | Scale: N.T.S.

JOB NO.	DRAWING NO.	REV.
25474	000-M6-CN-00030	0