



Equinox Engineering Ltd.
 ISSUED FOR
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 AS-BUILT
 Document Control

- NOTE:**
- 1) PIPING FOR REGEN GAS HEATER COIL AND PIPING TO ADSORPTION TOWERS TO BE SA-335-P9.
 - 2) 6"x4" REDUCER AT TOWERS ARE TO BE ECCENTRIC.
 - 3) SWITCHING VALVES AND PSVS IN P9 SPEC ARE MADE OF CARBON STEEL.
 - 4) ADSORPTION TOWERS DESIGNED FOR 1440 PSIG ONLY, TO PREVENT HAVING TO PERFORM ANOTHER THERMAL CYCLIC ANALYSIS.
 - 5) VALVE IS SUPPLIED WITH CL. 1500 RTJ CONNECTIONS.
 - 6) ANALYSER PROBE TO BE MOUNTED A MINIMUM 5 PIPE DIAMETERS DOWNSTREAM OF NEAREST OBSTRUCTION.
 - 7) ELECTRICAL HEAT TRACING TO BE COMPLETED BY PRESSON.
 - 8) LIFTING CAPABILITY, AND ACCESS, TO BE PROVIDED FOR SV-5043 AND SV-5045.
 - 9) VALVE PORT SIZE TO BE INCREASED TO 3/4" TO BRING BLOWDOWN TIME TO 15 MINUTES.
 - 10) CLOUDED AREAS INDICATE NEW PIPING AND/OR EQUIPMENT.

V-5020/5030
 ADSORPTION TOWERS
 42" ID x 22'-0" S/S
 1440 PSIG @ 650/-50°F MDMT

EEL PROJECT #119-22-03 EQUINOX Engineering Ltd.

DRAWING NO	REFERENCE DRAWINGS	REV	MOC NO. REVISION DESCRIPTION	BY	DATE	CHKD	APPD	BP APPD	ENGINEER'S STAMP	ENGINEERING RECORD	BP Canada Energy Company CALGARY ALBERTA	bp
		A	ISSUED FOR APPROVAL	KH	2006-06-20	NOT ON ORIGINAL	NOT ON ORIGINAL	NOT ON ORIGINAL		DRAWN BY NOT ON ORIGINAL		
		0	ISSUED FOR CONSTRUCTION	KH	2006-10-17	NOT ON ORIGINAL	NOT ON ORIGINAL	NOT ON ORIGINAL		CHKD BY NOT ON ORIGINAL	NOT ON ORIGINAL	TITLE LSD 06-03-63-13W6M NARRAWAY TWO LAKES DEHYDRATION FACILITY SOUR DESICCANT DEHYDRATION PACKAGE PIPING AND INSTRUMENTATION DIAGRAM
		1	REVISED AS SHOWN	AEB	2006-12-14	NOT ON ORIGINAL	NOT ON ORIGINAL	NOT ON ORIGINAL		ENGINEER NOT ON ORIGINAL	NOT ON ORIGINAL	
		2	REVISED AS SHOWN	AEB	2007-07-06	NOT ON ORIGINAL	NOT ON ORIGINAL	NOT ON ORIGINAL				EPCM DWG/PROJ NO. B7312-071 SHT. 2 OF 6 BP DWG NO D-NWY-620-0008
		3	AS BUILT	QF	2008-03-20	NOT ON ORIGINAL	NOT ON ORIGINAL	NOT ON ORIGINAL				
		4	MOC NO. 2006-3781 ISSUED FOR CONSTRUCTION	J. CORNELL	2008-08-19	J. CORNELL	CLAUDE MASSE	M ABOUGOUSH				
		5	MOC NO. 2007-3781 RE-ISSUED FOR CONSTRUCTION	A. DURAND	2008-10-07	J. CORNELL	CLAUDE MASSE	M ABOUGOUSH				
		6	MOC NO. 2007-3781 AS BUILT PER SITE VISIT	R. TERADO	2009-05-08	J. CORNELL	CLAUDE MASSE	M ABOUGOUSH				