



GAS ANALYSIS PANELS	
DESCRIPTION	PANEL NO.
CO2 PRODUCT O2 ANALYZER #1	1
CO2 PRODUCT O2 ANALYZER #2	1
CO2 PRODUCT FTIR ANALYZER #1	2
CO2 PRODUCT FTIR ANALYZER #2	3

LIQUID SAMPLE PANEL SAMPLES AND ONLINE ANALYSIS			
DESCRIPTION	ANALYSIS	REUNDANCY	
FLUE GAS COOLING WASH WATER	CATION CONDUCTIVITY	NON REDUNDANT	
ABSORBER 1 WASH WATER	MEA CONCENTRATION	SHARED OGC	
ABSORBER 2 WASH WATER	MEA CONCENTRATION	SHARED OGC	
RICH AMINE	MEA CONCENTRATION	SHARED OGC	
	CO2 LOADING	SHARED OGC	
LEAN AMINE	MEA CONCENTRATION	SHARED OGC	
SEA WATER INLET	CO2 LOADING	SHARED OGC	
SEA WATER OUTLET	CATION CONDUCTIVITY	DUAL REDUNDANT	
CONDENSATE RETURN TO CCPP	CATION CONDUCTIVITY	DUAL REDUNDANT	

NOTES:

1. THE ROOM LAYOUT IS PRELIMINARY AND CONCEPTUAL. THEREFORE IT MAY NOT BE EXACTLY AS SHOWN. DEPENDING ON FINAL EQUIPMENT VENDOR SELECTION AND AIR PERMIT REQUIREMENTS SOME DETAILS MAY CHANGE.
2. ROOM TO BE MAINTAINED UNDER POSITIVE PRESSURE TO PREVENT INGRESS OF DUST, CONTAMINANTS AND HAZARDOUS FUMES. REDUNDANT COMBUSTIBLE GAS DETECTORS AT HVAC INLET TO SHUT DOWN HVAC ON COMBUSTIBLE GAS DETECTION.
3. CONDUIT ENTRY THROUGH WALL SUITABLE FOR SEALING FOR ZONE 2. GAS GROUP IIA HAZARDOUS AREA.
4. ALL EQUIPMENT TO BE INSTALLED ON THE EXTERIOR OF THE ROOM TO BE SUITABLE FOR ZONE 2. GAS GROUP IIA. TEMPERATURE CLASS T2 HAZARDOUS AREA.

- LEGEND:**
- BCN GAS DETECTION BEACON
 - CO2 HIGH CO2 SENSOR
 - DS DISCONNECT SWITCH
 - DSO OPTICAL SMOKE DETECTOR
 - EXT PORTABLE FIRE EXTINGUISHER
 - HVAC HEATING, VENTILATION & AIR CONDITIONING
 - NOX HIGH NOX SENSOR
 - OGC LOW OXYGEN SENSOR
 - VFD ONLINE GAS CHROMATOGRAPH VARIABLE FREQUENCY DRIVE

REV	DATE	ISSUED FOR INFORMATION	BY	CHK	SUB	PE
0	19 Nov 08					

Owner	GASSNOVA	CO2 KÅRSTØ PROJECT
Owner Drawing No.	10112936-PB-LDRW-0005	
CONTRACTOR:	BECHTEL	

Sheet Size	A3	Scale	NTS
JOB NO.	25474	DRAWING NO.	000-JO-4010-00001
REV.	0		

BECHTEL
POWER CORPORATION
FREDERICK, MARYLAND

COMPRESSOR BUILDING ANALYZER ROOM CONCEPTUAL LAYOUT