



ITEM NO.	323-V004
SERVICE	HELIUM SURGE DRUM
I.D. X T.L. MM	
DESIGN PRESSURE, barg	25
DESIGN TEMPERATURE, degC	4 / 60
INSULATION, MM	

- NOTES:**
- BY PASS TO FILL SURGE DRUM FROM THE PSA FOR THE FIRST START UP.
  - CONNECTION FOR VACUUM PUMP.
  - CLOSE TO COMPRESSOR.
  - DELETED.
  - VALVE FOR MOUNTING MANOMETER, VISIBLE FROM ISOLATING VALVE (PRV TESTING).
  - TO BE INSTALLED CLOSE TO COMPRESSOR INLET.
  - 323-TALL IS LOCATED 50M DOWNSTREAM OF 324-MVB (RLH-D-1225-201) AND 15M UPSTREAM OF THE CSSS LIMIT (RLH-D-323-1225-201(2)).
- COMPRESSION STATION LOGIC:**
- HP COMPRESSORS TEMPERATURES LOGIC IN ESD

FOR ALL VALVES AND INSTRUMENTS TYPE REFER TO SYMBOLOGY SHEETS.

**GENERAL NOTES:**

REV	DATE	DESCRIPTION	DRN	AUTH	CHK	APP
C	02/01/11	ISSUE FOR APPROVAL	ALE	SC	AL	BDS
F	11/20/10	ISSUE FOR APPROVAL	ALE	SC	AL	BDS
C	10/29/10	ISSUE FOR INTERNAL REVIEW	ALE	SC	AL	BDS
B	09/17/10	ISSUE FOR VERIFICATION	ALE	SC	AL	BDS
A	-	FIRST ISSUE	ALE	SC	AL	BDS

**AIR LIQUIDE** RHEA 51-3428  
DRAWING NO. 014-078

**RasGas Company Limited**  
شركة راس غاز المحدودة

UNIT 323 HELIUM COMPRESSION UNIT  
PIPING & INSTRUMENTATION DIAGRAM  
SURGE DRUM

BY	DATE	DEPARTMENT	AUTHOR	SCALE
-	-	ENGINEERING	-	NONE

PROJECT NO. HE2 DRAWING NUMBER HE2-D-323-1225-208 SIZE REV A1 G