



- NOTES:
- 1/2" TUBING ON ANALYSER
 - METHANE GAS DETECTOR INSIDE PROCESS CONTAINER
 - SUPPLIED BY GASREC LTD
 - MAKE PROVISION FOR ARM HOLE
 - ALL EQUIPMENT INSIDE CONTAINER SC1152
 - SUPPLIED BY GASREC LTD
 - 1/2" BSP SOCKET FOR ANALYSER

ITEM No / REF POINT	E2	A4	F7
ITEM NAME	RECYCLE TO COMPRESSOR	OFF FILTER TO MEMBRANES	TO FLARE
FLOW nm ³ /hr	146	2694	856
PRESSURE	470 mbarg	13.3 barg	470 mbarg
TEMPERATURE °C	-	10	-
CH4 %	30.4	46.4	10.5
CO2 %	57	39.84	83
O2 %	4.4	2.44	3.0
N2 %	8.2	11.3	2.9
H2S ppm	-	<5	-

ITEM NUMBER:	VP 1120A/B	SF 1103 A/B	VM 1130A-D	VM 1140A-D	SC 1152
ITEM NAME:	ACTIVATED CARBON COLUMN VESSELS	PARTICLE FILTER	MEMBRANE VESSELS	MEMBRANE VESSELS	MEMBRANE SHIPPING CONTAINER
DESIGN TEMP °C	30	30	30	30	30
DESIGN PRESSURE kPag	1600	1600	1600	1600	ATMOSPHERE
CAPACITY	-	-	-	-	32 m
DUTY / POWER kW	-	0.5 micrometer	-	-	-
DIFFERENTIAL HEAD kPa	10	40	66	47	-
DESIGN VOL FLOW Nm ³ /h	2890	2890	723	493	-
MATERIAL OF CONSTRUCTION	CS	CS	CS	CS	MILD STEEL
NOTES: (Nm ³ /h @ 20°C and 1 atm)					



TOLERANCES UNLESS OTHERWISE STATED:-
 X ±3
 X.X ±1
 X.XX ±0.5

TITLE
CO₂ Removal P&ID

CLIENT

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REV	DATE	DESCRIPTION	W.O.N	970	DRAWING NUMBER
			SCALE	NTS	20925
			PAPER SIZE	A2	
			DRAWN BY	MAR	SHEET
			CHECKED BY	PR	
			ISSUE	1	5
			DATE	28-09-11	