

CENTRIFUGAL COMPRESSOR DATA SHEET (API 617-6TH) SI UNITS				JOB NO. SK0101-003 ITEM NO. K-130 REVISION NO. 0 DATE 9/19/2006 PAGE 2 OF 2 BY Najmy				
1 OPERATING CONDITIONS (Continued) (3.1.2) (3.1.3)								
2 GAS ANALYSIS:		3 NORMAL	4 OTHER CONDITIONS					5 REMARKS: (2.11.1.3) (2.11.1.8)
6 ☐ MOL % ☐			A	B	C	D	E	
7	MW	mole%						
8 AIR	28.966							
9 OXYGEN	32.000							
10 NITROGEN	28.016							
11 WATER VAPOR	18.016							
12 CARBON MONOXIDE	28.010							
13 CARBON DIOXIDE	44.010	70						
14 HYDROGEN SULFIDE	34.076							(2.11.1.7)
15 HYDROGEN	2.016							
16 METHANE	16.042							
17 ETHYLENE	28.052							
18 ETHANE	30.068							
19 PROPYLENE	42.078							
20 PROPANE	44.094	30						
21 I-BUTANE	58.120							
22 n-BUTANE	58.120							
23 I-PENTANE	72.146							
24 n-PENTANE	72.146							
25 HEXANE PLUS								
26 TOTAL								
27 AVG. MOL. WT.								
28 LOCATION: (2.1.9)			29 NOISE SPECIFICATIONS: (2.1.10)					
30 ☐ INDOOR ☐ OUTDOOR ☐ GRADE			31 ☐ APPLICABLE TO MACHINE:					
32 ☐ HEATED ☐ UNDER ROOF ☐ MEZZANINE			33 SEE SPECIFICATION					
34 ☐ UNHEATED ☐ PARTIAL SIDES ☐			35 ☐ APPLICABLE TO NEIGHBORHOOD:					
36 ☐ ELEC. AREA CLASSIFICATION (2.1.15) CL GR DIV			37 SEE SPECIFICATION					
38 ☐ WINTERIZATION REQ'D. (2.1.9) ☐ TROPICALIZATION REQ'D. (3.4.6.6)			39 ACOUSTIC HOUSING: ☐ YES ☐ NO					
39 SITE DATA:			40 APPLICABLE SPECIFICATIONS:					
40 ☐ ELEVATION 600 m BAROMETER 0.94 BAR			41 API 617, CENTRIFUGAL COMPR. FOR GEN. REFINERY SERV.					
41 ☐ RANGE OF AMBIENT TEMPS:			42 ☐ VENDOR HAVING UNIT RESPONSIBILITY (2.9.1.7)					
42 DRY BULB WET BULB			43 ☐ GOVERNING SPECIFICATION (IF DIFFERENT)					
43 NORMAL °C			44 PAINTING:					
44 MAXIMUM °C			45 ☐ MANUFACTURER'S STD.					
45 MINIMUM °C			46 ☐ OTHER					
46 UNUSUAL CONDITIONS: ☐ DUST ☐ FUMES			47 SHIPMENT: (4.4.1)					
47 ☐ OTHER (2.1.9)			48 ☐ DOMESTIC ☐ EXPORT ☐ EXPORT BOXING REQ'D.					
48			49 ☐ OUTDOOR STORAGE MORE THAN 6 MONTHS (4.4.1)					
49			50 SPARE ROTOR ASSEMBLY PACKAGED FOR (4.4.3.10)					
50			51 ☐ HORIZONTAL STORAGE ☐ VERTICAL STORAGE					
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