

AIR CONDITIONING PLANT

Date: _____

SAFETY DEVICES CHECKS

Ser	Description	Unit	Designed value	AC Plant NO. 1	AC Plant NO. 2	Remarks
(i)	LP cut out	Kg/cm ²	1.5 ± 0.5			
(ii)	HP cut out	Kg/cm ²	14.0 ± 0.5			
(iii)	SW pressure cut out	Kg/cm ²	0.5 ± 0.1			
(iv)	Low oil level switch	Ops/non-ops				
(v)	S/W pump interlock	Ops/non-ops				
(vi)	ATU interlock	Ops/non-ops				

PARAMETER SHEET

S.NO	Parameter Description		Unit	AC No.1	AC No.2
1	Comp suction pressure		Kg/cm ²		
2	Comp discharge pres		Kg/cm ²		
3	Comp oil delivery pres		Kg/cm ²		
4	Comp suction temp		° C		
5	Comp disch temp		° C		
6	Cond gas inlet temp		° C		
7	Cond gas outlet temp		° C		
8	Cond SW suction pres		Kg/cm ²		
9	Cond SW disch pre		Kg/cm ²		
10	ATU inlet/outlet temp		° C		
11	Insulation		M Ω		
12	Starting current		Amps		
13	Running Current		Amps		
14	SPM	Motor DE	dBm /dBc		
15		Motor NDE	dBm /dBc		

OVERALL VIBRATION

Measuring Point	Ac plant no. 1			Ac plant no.2		
	V	A	H	V	A	H
Motor F/E						
Motor D/E						
Comp D/E						
Comp F/E						

ATTENUATION

4	COMP	MOTOR	3
1			2

Point	Ac plant no.1				Ac plant no.2			
	1	2	3	4	1	2	3	4
Top								
Bottom								
% ATTN								
Sat/Unsat								