

Ship

SAFETY DEVICES CHECKS:

SI	Description	Unit	Design value	Port AC Plant	Stbd AC Plant	Fwd AC Plant	Remark
(i)	LP cutout	Kg/cm ²	2.5±0.5				
(ii)	HP cutout	Kg/cm ²	18±0.5				
(iii)	SW Pr cutout	Kg/cm ²	0.3				
(iv)	DOP cut out	Kg/cm ²	1.8±0.5				
(v)	CW press	Kg/cm ²	2.5±0.5				
(vi)	CW operating thermo	°C	11				
(vii)	Antifreeze	°C	4				

SL	DESCRIPTION		UNIT	Port AC Plant	Stbd AC Plant	Fwd AC Plant
1	SUCTION PRESSURE		BAR			
2	DISCHARGE PRESSURE		BAR			
2	LUB OIL PRESSURE		BAR			
4	SEA WATER PRESSURE		BAR			
5	COMPRESSURE SUCTION TEMP		DEG C			
6	COMPRESSURE DISCH TEMP		DEG C			
7	CONDENSOR INLET/OUTLET TEMP		DEG C			
8	ATU INLET / OUTLET TEMP		DEG C			
9	INSULATION		MΩ			
10	STARTING CURRENT		AMPS			
11	RUNNING CURRENT		AMPS			
12	SPM	MOTOR DE	DBm/dBc			
		MOTOR NDE				

[illegible]

<u>Position</u>	Port AC Plant						Stbd AC Plant						Fwd AC Plant					
	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
<u>TOP</u>																		
<u>BOTTOM</u>																		
<u>%</u>																		
<u>REMARKS</u>																		

REFRIGERATION PLANT –

SAFETY DEVICES CHECK

S. NO.	DESCRIPTION	UNIT	DESIGN VALUE	Ref Plant No.1	Ref Plant No.2
(A)	LOW PRESSURE CUT OUT	KG/C M ²	0.2		
(B)	LOW PRESSURE CUT IN	KG/C M ²	1.2		
(C)	HIGH PRESSURE CUT OUT	KG/C M ²	13.5		
(D)	DIFF. OIL PRESSURE CUT OUT	KG/C M ²	0.5		
(E)	DIFF. OIL PRESSURE CUT OUT TIME	SEC	90		

Electrical trials.

Ser	Description		Unit	Ref Plant No.1	Ref Plant No.2	Remarks
(i)	Insulation checks		MΩ			
(ii)	Starting current		Amps			
(iii)	Running current		Amps			
(iv)	SPM	Motor DE	dBm / dBc			
(v)		Motor NDE				

PERFORMANCECHECKS:

SL	DESCRIPTION	UNIT	PORT	STBD
1	Suction pressure	bar		
2	Discharge pressure	bar		
2	Lub oil pressure	bar		
4	Sea water pressure	bar		
5	Suction gas temp	deg c		
6	Discharge gas temp	deg c		
5	Meat room temp	deg c		
6	Fish room temp	deg c		
7	Veg room temp	deg c		

VIBRATION CHECKS

SL	DESCRIPTION	V	A	H	V	A	H
1	COMPRESSOR FREE END						
2	COMPRESSOR DRIVEN END						
2	MOTOR DRIVEN END						
4	MOTOR FREE END						