

Occasion :

Ship : **INS**

DIESEL ALTERNATOR PARAMETER SHEET (6BT 5.9DM 80)
LOCAL CONTROL PANEL – WJFAC CLASS

DATE

:

SL	DESCRIPTION	UNIT	RANGE	IDLE	25%	50%	60%	75%	100%	100%
1	TIME	Hrs	-							
2	RPM	RPM	1500							
3	L.O. PRESSURE	Kg/cm ²	-							
4	S.W. PRESSURE	Kg/cm ²	-							
5	L.O. TEMP.	°C	80-116							
6	F.W. TEMP	°C	75-96							
7	EXHT. TEMP	°C	540							
8	LOAD	KW	-							
9	VOLT	V	-							
10	CURRENT	AMPS	-							
11	RPM (BY STROBE)	RPM	-							
12	AMBIENT TEMP									
13	SMOKE CONDITION									

PARAMETERS BY NON CONTACT TEMPERATURE GUN

1.	F.W. COOLER INLET TEMP	°C	-							
2.	F.W. COOLER OUTLET TEMP	°C	-							
3.	SW INLET TEMP TO F.W. COOLER	°C	-							
4.	SW OUTLET TEMP FROM FW COOLER	°C	-							
5.	LO COOLER INLET TEMP	°C	-							
6.	LO COOLER OUTLET TEMP	°C	-							
7.	F.W. INLET TO LO COOLER TEMP	°C	-							
8.	F.W. OUTLET TO LO COOLER TEMP	°C	-							

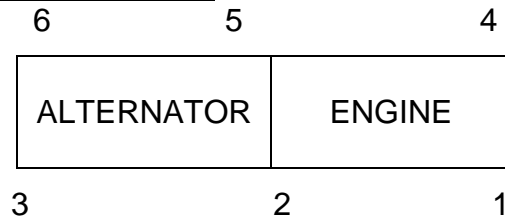
SPM READINGS OF NO. DIESEL ALTERNATOR - INS

S. NO.	DESCRIPTION	0 % LOAD dbm/dbc	60 % LOAD dbm/dbc	100 % LOAD dbm/dbc
(A)	ALTERNATOR DRIVEN END			
(B)	ALTERNATOR FREE END			

**VIBRATION TRIALS OF NO. DIESEL ALTERNATOR
OF WJFAC CLASS - INS**

S. NO.	REPORT	60%			100%		
		V	A	H	V	A	H
(A)	ENGINE FREE END						
(B)	ENGINE DRIVE END						
(C)	ALTERNATOR DRIVE END						
(D)	ALTERNATOR FREE END						

ATTENUATION CHECKS



POSITION	VIB READINGS OF MOUNTS@60%.					
	1	2	3	4	5	6
TOP						
BOTTOM						
ATTENUATION %AGE						

POSITION	VIB READINGS OF MOUNTS@100%					
	1	2	3	4	5	6
TOP						
BOTTOM						
ATTENUATION %AGE						

SAFETY DEVICE CHECKS FOR DIESEL ALTERNATOR (INS)

Diesel Alternators (DA 1, 2 & 3).

Ser	Description	Unit	Designed value	Diesel Alternator			Remarks
				DA 1	DA 2	DA 3	
(i)	Low LO Pr. Alarm	Kg/cm ²	1.2				
(ii)	Low LO Pr. Trip	Kg/cm ²	0.7 – 1.0				
(iii)	High FW Temp Alarm	°C	90 ± 2				
(iv)	High FW Temp Trip	°C	95 ± 2				
(v)	Over Speed	RPM	1650				