

CLIENT COMPANY NAME:	JEFTEX
CLIENT ADDRESS:	TARABA JETTY
EQUIPMENT NAME:	SHAFTS
SERVICE:	RECONDITIONING AND DYNAMIC BALANCING OF THREE SHAFTS
REPORT GENERATED:	NICOLE ZHUFU IYAMA

MEASUREMENTS OF SHAFTS BEFORE RECONDITIONING

S/N	SHAFT	PROPELLER SIDE	MIDDLE	ENGINE SIDE	REMARK
	A	112.5mm	110.90mm	111.7mm	Poor
	B	112.3mm	110.4mm	112.3mm	poor
	C	112.70mm	110.80mm	111.9mm	poor
Original shaft diameter acceptable tolerance 114.mm ± 0.05mm					Loss fit on the cutless bearings

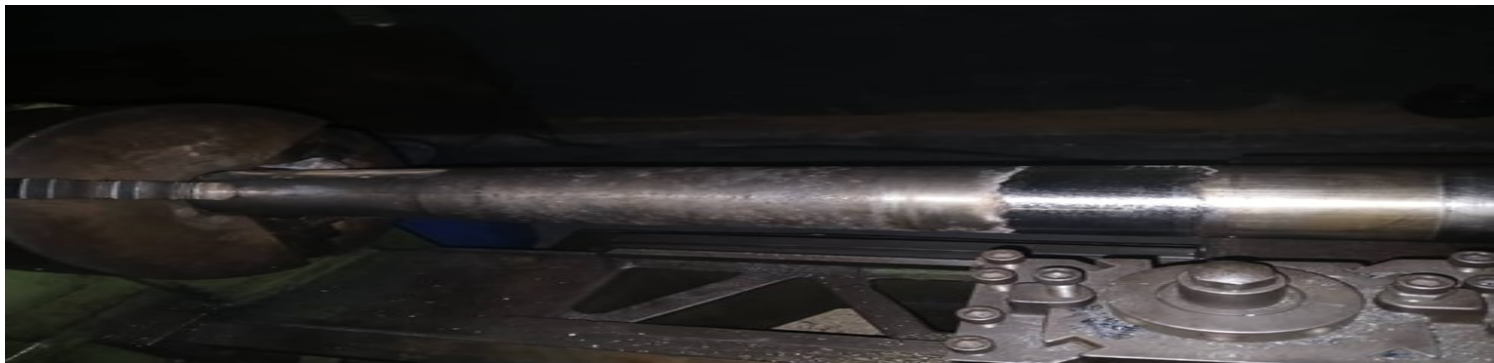
PICTURES OF SHAFTS UNDERGOING REPAIRS BELOW



PICTURE OF SHAFT ON LATHE MACHINE

PICTURES OF FINAL MACHINING AND POLISHING OF SHAFTS AND RUDDER ON THE LATHE MACHINE





REMOVAL OF HIGH POINTS AND POLISHING OF RUDDERS COMPLETED.



MEASUREMENTS OF RUDDERS BEFORE REPAIRS					
S/N	SHAFT	PROPELLER SIDE	MIDDLE	ENGINE SIDE	REMARK
	A	114.01mm	114.03mm	114.02mm	Good
	B	112.03mm	110.4mm	114.02mm	Good
	C	114.02mm	114.04mm	114.03mm	Good
	Ruder			152.02mm	Good
Original shaft diamenter aceptable tolerance			114 mm ± 0.05mm		Shafts are fit for used



REMOVAL OF HIGH POINTS AND POLISHING OF RUDDERS COMPLETED.

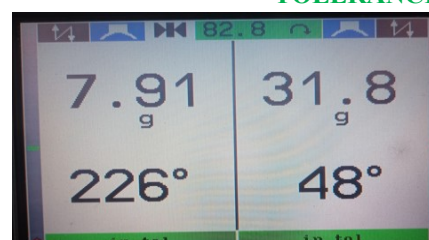
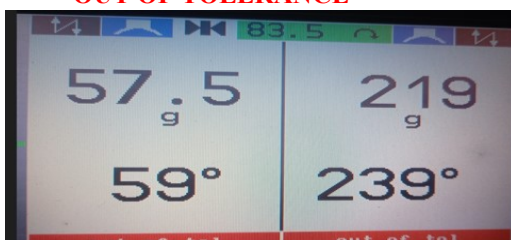


MEASUREMENTS OF RUDDERS BEFORE REPAIRS

S/N	SHAFT	PROPELLER SIDE	MIDDLE	ENGINE SIDE	REMARK
	A	114.01mm	114.03mm	114.02mm	Good
	B	112.03mm	110.4mm	114.02mm	Good
	C	114.02mm	114.04mm	114.03mm	Good
	Ruder			152.02mm	Good
Original shaft diameter acceptable tolerance				114 mm $\pm$ 0.05mm	Shafts are fit for used

READINGS OF SHAFT NUMBER 1 SET UP ON DYNMAIC BAL. MACHINE

INITIAL READINGS SHOWING SHAFT IS OUT OF TOLERANCE **FINAL READINGS SHOWS SHAFT IS WITHIN ACCEPTABLE TOLERANCE**



READINGS OF SHAFT NUMBER 2 SET UP ON DYNMAIC BAL. MACHINE

INITIAL READINGS SHOWING SHAFT IS
OUT OF TOLERANCE

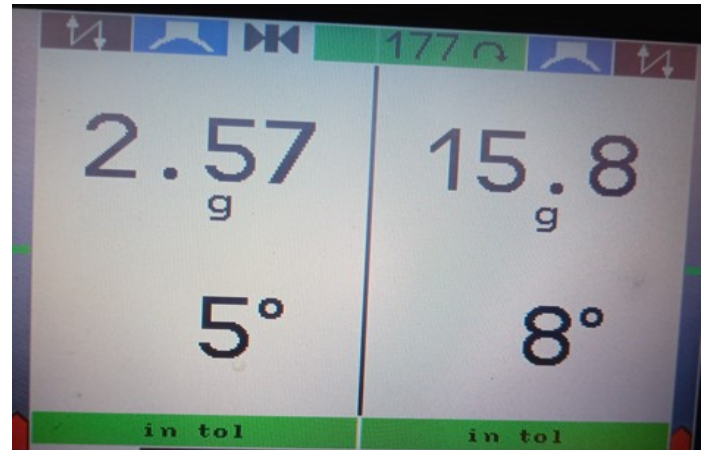
FINAL READINGS SHOWS SHAFT IS WITHIN ACCEPTABLE
TOLERANCE



READINGS OF SHAFT NUMBER 3 SET UP ON DYNMAIC BAL. MACHINE

INITIAL READINGS SHOWING SHAFT IS
OUT OF TOLERANCE

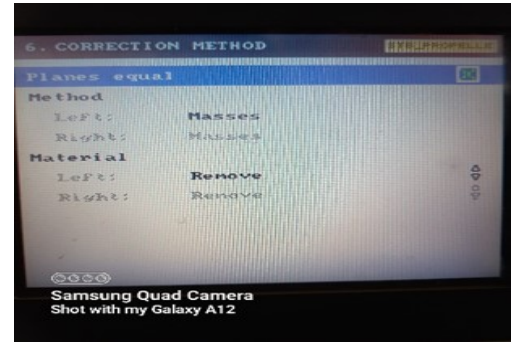
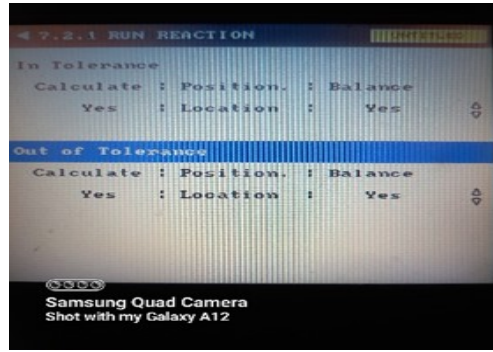
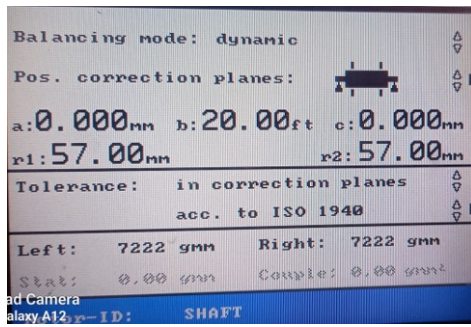
FINAL READINGS SHOWS SHAFT IS WITHIN
TOLERANCE



PICTURES SHAFT SET UP ON DYNAMIC BALANCING MACHINE SET UP



DATA INFORMATION FROM DYNMAIC BALANCING MACHINE FOR SHATS



CONCLUSION:

DYNAMIC BALANCING OF THE THREE SHAFTS WERE SUCCESSFULLY DONE ABIDING BY THE SAFETY RULES.

Approved by:

Sign:

position:

date :

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Workshop manager.

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