

EMERGENCY ...

ROTARY

TRANSFORMER

# THE SUNDERLAND FORGE & ENGINEERING COMPANY, LIMITED.



TEST OF DIRECT CURRENT GENERATOR, SIZE 14" x 11"  
AND ENGINE, SIZE ORDER 0.2738/M/1129 ✓

For MESSRS. CANTIERI RIUNITI DELL'ADRIATICO for ANGLO SAXON PETROLEUM CO.

OUTPUT PLATE } 110 Volts 146 Amps 16 K.W. 390 Revs.

STAMPED

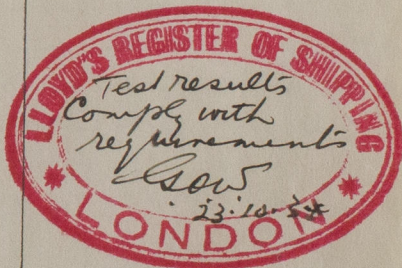
Continuous Rating Compound Wound, No.F.2777 Date 1934

Engine No. -

Steam Pressure -

lbs. per sq. inch.

## READINGS DURING TEST.

Time	Speed R.P.M.	LINE		SHUNT		Stm. Pres. lbs./sq. in.	DATE OF TEST 28-8-34
		Volts	Amps.	Volts	Amps.		Remarks
<u>TEMPERATURE RUN.</u>							
9-15 am	390	113.5	146	91.0	3.09	<i>M. Davis</i> <i>CR DA No 1129</i> <b>TRIESTE</b> <i>Rpt 10858</i>  Temperatures taken.  Light Speed.	
9-45	390	112.0	146	90.0	3.00		
10-15	391	111.5	146	92.5	2.96		
10-45	390	111.5	146	94.0	3.00		
1-15	390	110.0	146	91.0	2.87		
1-45	390	110.0	146	91.0	2.87		
2-15 pm	390	110.0	146	91.0	2.86		
2-45	391	110.0	146	91.0	2.86		
1-15	389	110.5	143	93.5	2.92		
1-45	390	110.5	146	93.5	2.92		
2-15	389	110.0	146	92.5	2.88		
2-45	391	110.0	146	91.0	2.83		
3-15	391	110.0	146	91.0	2.83		
	406	111.0	0	92.0	2.94		
<u>TEST ON SPARE ARMATURE F.2787</u>							
9-30 a.m	391	110	146	84.5	2.89		
9-30	389	111	146	91.5	2.95		
Armature Temperature Rise - 30°F. Commutator Temperature Rise - 35°F.							

Temperatures taken by thermometers	Armature	Commutator	Shunt Coils	Series Coils	Interpole Coils
Maximum Temperature recorded	114	113	108	112	-
Air Temperature	70	70	70	70	-
Temperature Rise in Degrees F.	44	43	38	42	-
High Pressure Test on Generator	Before Temperature Run		After Temperature Run		
	2000 Volts for 1 min.		2000 Volts for 1 min.		
Insulin Resistance of Generator	4 Megohms		8 Megohms		

Date 17/10/34

Signed *JMD.*

Lloyd's Register  
Foundation

W1123-0305