

WORKS ORDER - TEST RECORD

A/C No.....

CONSIGNEE TO

SEE J. 08759.

SOLD TO

Hall Fire Protection,

CLIENTS ORDER No 12091/9252.	ORDER DATE 9-5-88.	DATE REC'D 9-5-88.	DISTRICT 508.	INVOICE No J. 08758.
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DESCRIPTION		No OFF	PRICE EACH	TOTAL
PUMP	56 G.B/R.			
MOTOR DETAILS FAT 8041.SI. FD.110. ENGINE*				
S.No 08758.				
FRAME				
F.O.C. CONTROLLER, TO SEDGWICK SPEC.				
FOUNDATION BOLTS.				

PUMP		HEAD	R.P.M	LIQUID	S.G	TEMP.	VISCOSITY
Dm³/MIN.	BAR.						
3775/3766	5.045/6.75	2900.	WATER.				

MOTOR	K.W.	B.H.P.	VOLTS	PHASE	CYCLES	STOCK	REQ.
	80.						

MANUFACTURING DETAILS							
RECEIVED D.O.	D.O. TO P.C.O.	DATE TO WORKS	PREPARED BY	CHECKED BY	AUTH.BY	DELY. PROMISE	
10-5-88	11-5-88	12 MAY 1988	D.S.S.				

SCHEDULES **# 53125; 53959; 55063; 55065; 55280; 55281; 55195; 55198**

OTHER DETAILS	IMPELLER	PATT.	DRG.	MTL.	DIA:
		3382773	4382774	230	248
	HAFT EXTENSION	RMS.	DRG.	INST. & MAINT.	
	SEAL ARRANGEMENT	TYPE MECH. SEAL		CODE	
	GEN.ARRANGEMENT	B101738			

DETAILS OF CONSTRUCTION
 M.F.A. **3775 Dm³/MIN. @ 5.045 BAR.**
 M.R.A. **3766 Dm³/MIN. @ 6.75 BAR (EXCL. 0.5 BAR).**
 SPRINKLER HEIGHT: **8.6 METRES.**
 TANK HEIGHT: **6 METRES.**
 CHURNING PRESSURE: **8.5 BAR.**

SPECIAL INSTRUCTIONS
Q. MAX. 4550 Dm³/MIN.
 * 2 OFF SEPARATE SWITCH CONTACT, TO CLOSE ON LOW OIL & HIGH WATER TEMP, " ISOLATED RETURN, *
 COMMISSIONING.
 BOSS ON CASING VOLUTE TO BE TAPPED 1/2" B.S.P. TH

TEST AND INSPECTION **# CASING FLANGES TO BE DRILLED TO BS4504-10 BAR.**

CRANE



CRANE LTD.
(PUMPS DIVISION)
REDDISH STOCKPORT.
CHESHIRE, ENGLAND.

CUSTOMER

ORD.NO

PUMP TEST RECORD

DATE OF TEST 24-6-88

TYPE GB/R SIZE 5"6 R.P.M. 2900
 G.P.M. 832/830 HEAD 169/226 FT. IMP. DIA. 248 MM
 B.H.P. PUMP SERIAL NO. 08758
 VOLTS PH. HZ.

SYSTEM OF WATER MEASUREMENTS 18" RECT. CORRECTION FOR POSITION OF GAUGES, STANDARD TEST GAUGE ±2.5 FEET.

SPEED R.P.M.	QUANTITY		SUCTION		DEL. FEET	LB./SQ.IN.	Correct'n For Vel Variation	TOTAL HEAD FEET	W.H.P. OUTPUT FROM PUMP	MOTOR			B.H.P. INPUT TO PUMP	PUMP% EFF. W.H.P. B.H.P.	R.P.M. S.G.	EQUIVALENT AT
	HEIGHT OVER WEIR INCHES	GALS. PER MIN.	HG. FEET	FEET						VOLTS	AMPS	WATTMETER CONSTANT = w1 w2				
					<u>FIAT</u>	<u>8041-81-25</u>			<u>DIESEL ENGINE</u>		<u>N^o 280538</u>				<u>DM</u>	<u>BAR</u>
<u>2992</u>	<u>7.05</u>	<u>850</u>				<u>08758</u>		<u>230.7</u>						<u>3855</u>	<u>6.89</u>	
<u>3010</u>	<u>6.05</u>	<u>675</u>						<u>253.5</u>						<u>3061</u>	<u>7.57</u>	
<u>3030</u>	<u>4.65</u>	<u>455</u>						<u>278.7</u>						<u>2063</u>	<u>8.32</u>	
<u>3040</u>	<u>3.30</u>	<u>271</u>						<u>288.0</u>						<u>1229</u>	<u>8.6</u>	
<u>3070</u>	<u>0</u>	<u>0</u>						<u>292.0</u>						<u>0</u>	<u>8.72</u>	

BAROMETER _____ INS. MERCURY _____ WATER TEMPERATURE _____ °C

HYDRAULIC TEST PRESSURE _____ LB. PER SQ. IN. DURATION OF RUN _____ HRS.

OUTLET/INLET 5/5 GLAND _____ SEAL OK SILENCE _____

TESTED BY CS WITNESSED BY _____

MOTOR MAKE _____ FRAME _____

REMARKS 5"6 GB/R F.S.D.

TESTED IN ACCORDANCE WITH B.S.599. TANK NO. _____ CRANE REF. J08758

