

PUMP RATING
GOOD



Company Name:
Address:
City/State/Zip: DETROIT, MICHIGAN

Contact Name:
Telephone:

Pump Identification: LOW ZONE
Manufacturer: ITT A-C
Model Number: H6x6x11F-L
Serial Number: 06-047522-01-01

Pump Type: INLINE
Pump Capacity: 750 **GPM**
Design Pressure: 130 **PSI**
Pump Speed: 3550 **RPM**
Suction Diameter: 6
Discharge Diameter: 6

Test Identification: 2009 ANNUAL FIRE PUMP TEST
Service Technician:

Test Date: 2/21/2009

FIRE PUMP PERFORMANCE TEST DATA

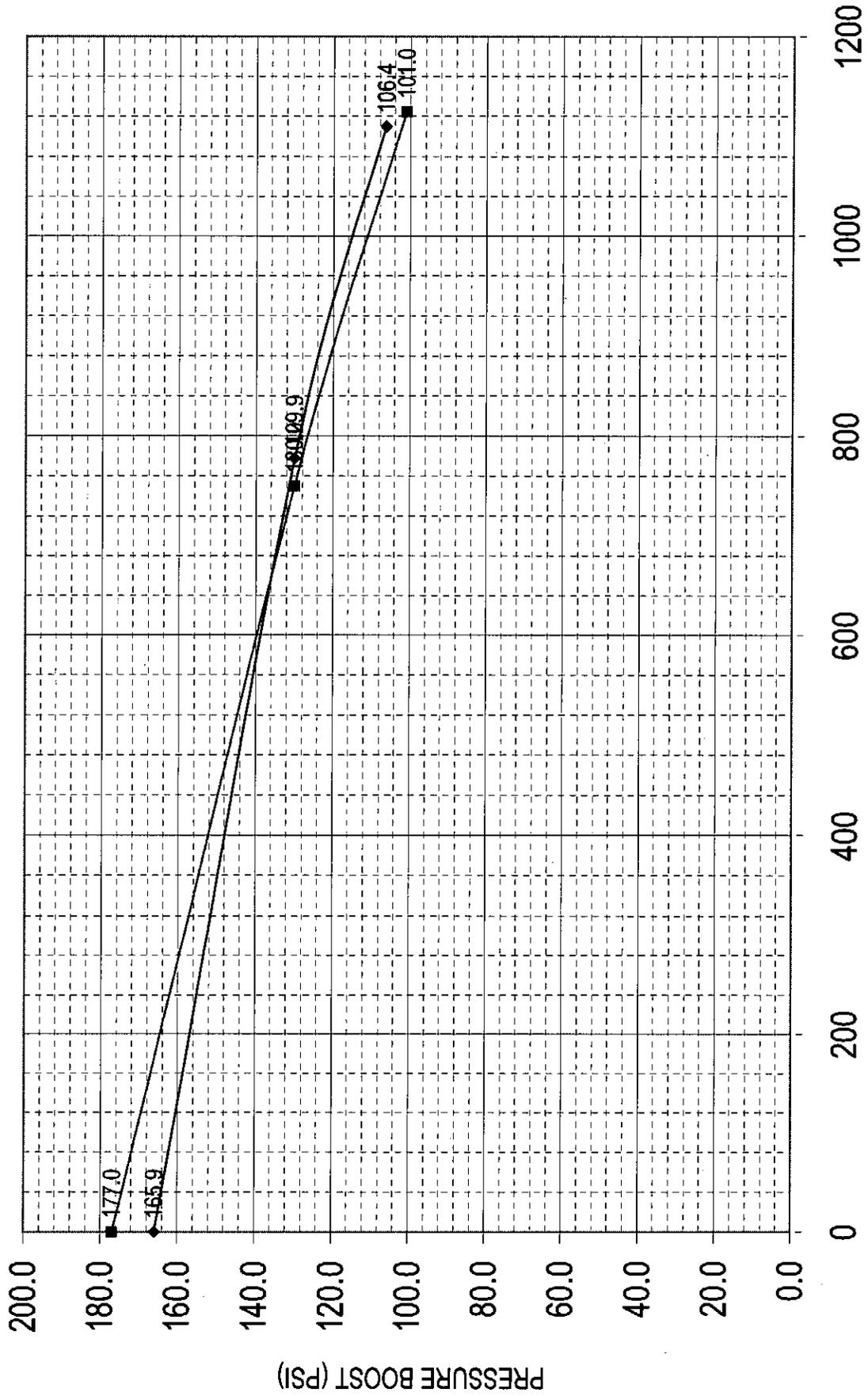
FLOW POINT	DISCHARGE (PSI)	SUCTION (PSI)	SPEED (RPM)	PHASE 1 (AMPS)	PHASE 2 (AMPS)	PHASE 3 (AMPS)	PHASE 1-2 (VOLTS)	PHASE 1-3 (VOLTS)	PHASE 2-3 (VOLTS)	INBOARD BEARING (°F)	OUTBOARD BEARING (°F)	NET FLOW (GPM)	NET BOOST (PSI)	SPEED CORR. FLOW (GPM)	SPEED CORR. BOOST (PSI)	VELOCITY HD. CORR. FACTOR (PSI)	NET VELOCITY HD. CORR. (PSI)
1	216	48	3572	66	65	66	489	494	491	N/A	N/A	0	168	0	166	0.00	165.9
2	172	42	3551	108	106	106	491	488	489	N/A	N/A	778	130	778	130	0.00	129.9
3	142	36	3544	114	111	111	489	489	494	N/A	N/A	1108	106	1110	106	0.00	106.4
4																	
5																	

FLOW POINT	NOZZLE SIZE (IN.)	HOSE (FT.)	DISCHARGE NOZZLE COEF.	PITOT NO. 1 (PSI)	PITOT NO. 2 (PSI)	PITOT NO. 3 (PSI)	PITOT NO. 4 (PSI)	PITOT NO. 5 (PSI)	PITOT NO. 6 (PSI)	PITOT NO. 7 (PSI)	PITOT NO. 8 (PSI)	PITOT NO. 9 (PSI)	PITOT NO. 10 (PSI)	TOTAL FLOW (GPM)	DEVIATION (%)	CERTIFIED CURVE PERFORMANCE DATA	
																FLOW (GPM)	BOOST (PSI)
1	1.75	125	0.99	0										0	-6.3	0	177
2	1.75	125	0.99	18	19									778	0.8	750	130
3	1.75	125	0.99	37	38									1108	2.9	1125	101
4																	
5																	

TEST ANALYSIS AND SERVICE RECOMMENDATIONS

AS COMPARED TO THE CERTIFIED FACTORY TEST CURVE, THE FIRE PUMP TESTED GOOD AT ALL POINTS FLOWED. THE ALARMS AS REQUIRED BY NFPA 20 WERE CONNECTED INSIDE THE CONTROLLER AT THE TIME OF OUR TEST.

FIRE PUMP PERFORMANCE CURVE



◆ 2009 ANNUAL FIRE PUMP TEST ■ CERTIFIED CURVE PERFORMANCE DATA