

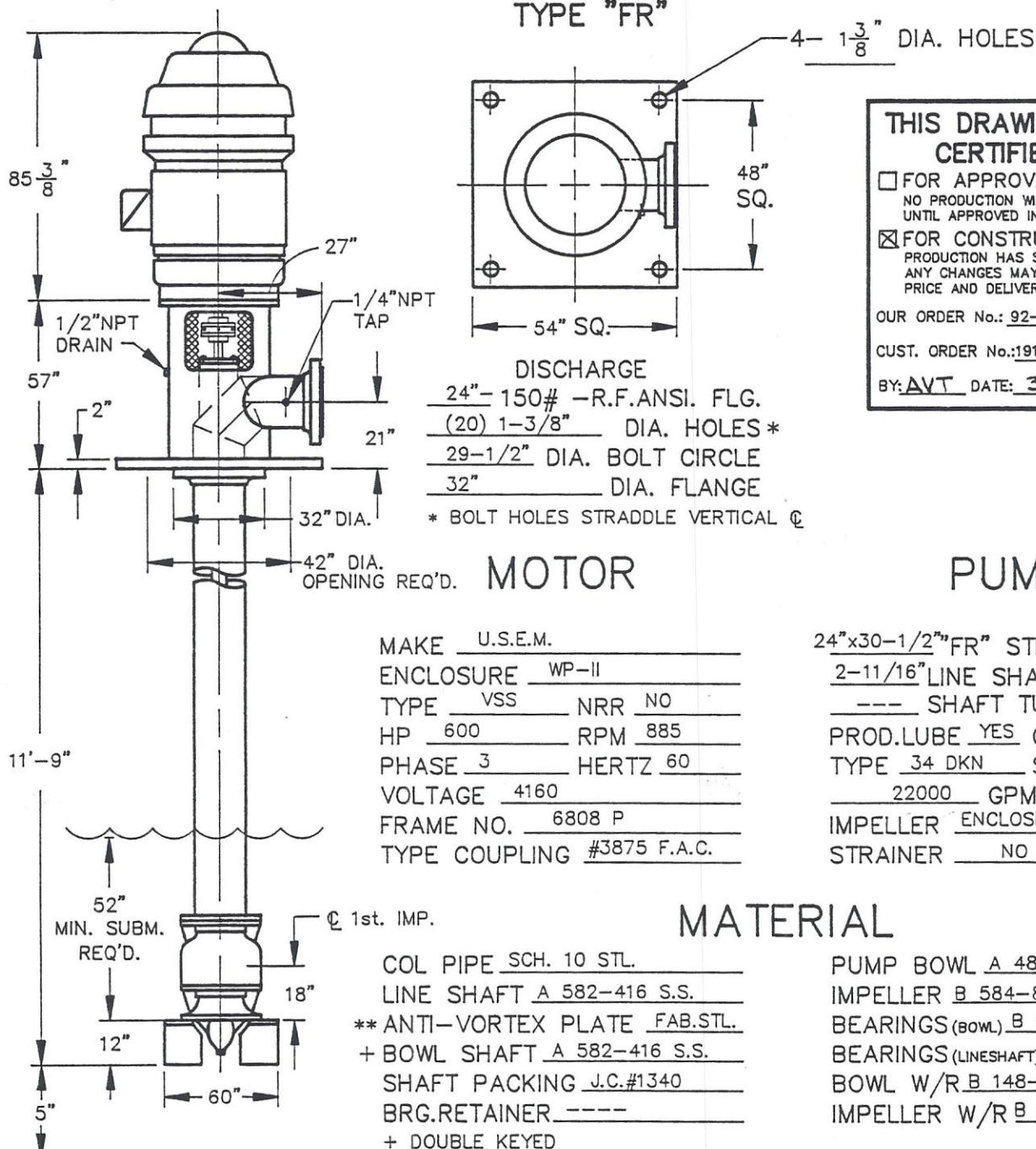


Peabody Floway



VERTICAL TURBINE PUMP

TYPE "FR"



THIS DRAWING IS CERTIFIED

☐ FOR APPROVAL
NO PRODUCTION WILL START
UNTIL APPROVED IN WRITING.

☒ FOR CONSTRUCTION
PRODUCTION HAS STARTED.
ANY CHANGES MAY AFFECT
PRICE AND DELIVERY.

OUR ORDER No.: 92-01231-32

CUST. ORDER No.: 191-017-5165

BY: AVT DATE: 3-11-92

MOTOR

PUMP

MATERIAL

REMARKS

NO. UNITS REQ'D. 2
CIRCULATION WATER PUMPS

** ANTI-VORTEX PLATE IS
SPLIT. MUST BE INSTALLED
AFTER PUMP IS LOWERED
PAST THE PEDISTAL OPENING
INTO THE SUMP.

FLUID WATER

SPEC. GRAVITY 1.0

VISCOSITY ----

TEMPERATURE AMBIENT

PH ----

NOT TO BE USED
FOR CONSTRUCTION
UNLESS CERTIFIED

CUSTOMER CHATEAUGAY POWER STATION
CHATEAUGAY, NY

ORDER NO. 191-017-5165

SUPPLIER C.N.F. CONSTRUCTORS INC.
ONE RESEARCH PARKWAY
MERIDEN CT 06450

DWG. NO. 92-01229-4

SERIAL NO. 92-01231-32



VERTICAL MOTORS

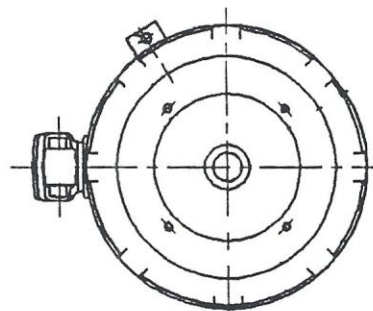
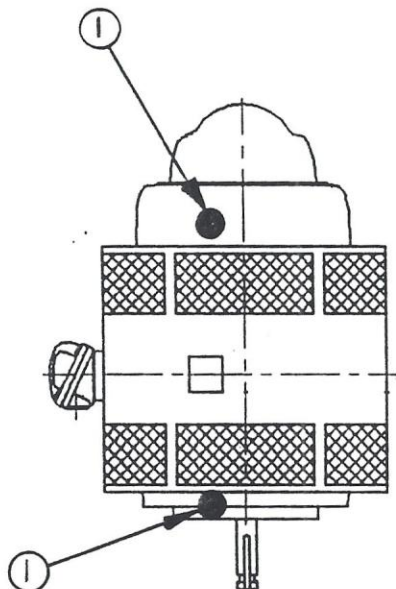
with STYLE "P" BASE
FRAME: 6808 - 6810
TYPE: HV-4, WEATHER PROTECTED II

SUPPLEMENT TO
DIMENSION PRINT
SECTION: 505
PAGE: 42
EFFECTIVE: 03-01-91

ORDER NO: U3640316

USE THE REFERENCED DIMENSION PRINT EXCEPT AS FOLLOWS:

1. CHROMEL - CONSTANTAN THERMOCOUPLE WITH 3/4 NPT
CONDUIT OPENING



IF PROPERLY ENDORSED THIS PRINT IS CORRECT FOR FRAME
AND ASSEMBLY POSITIONS INDICATED.

BY: PAH Allgeyer DATE: 1-24-92



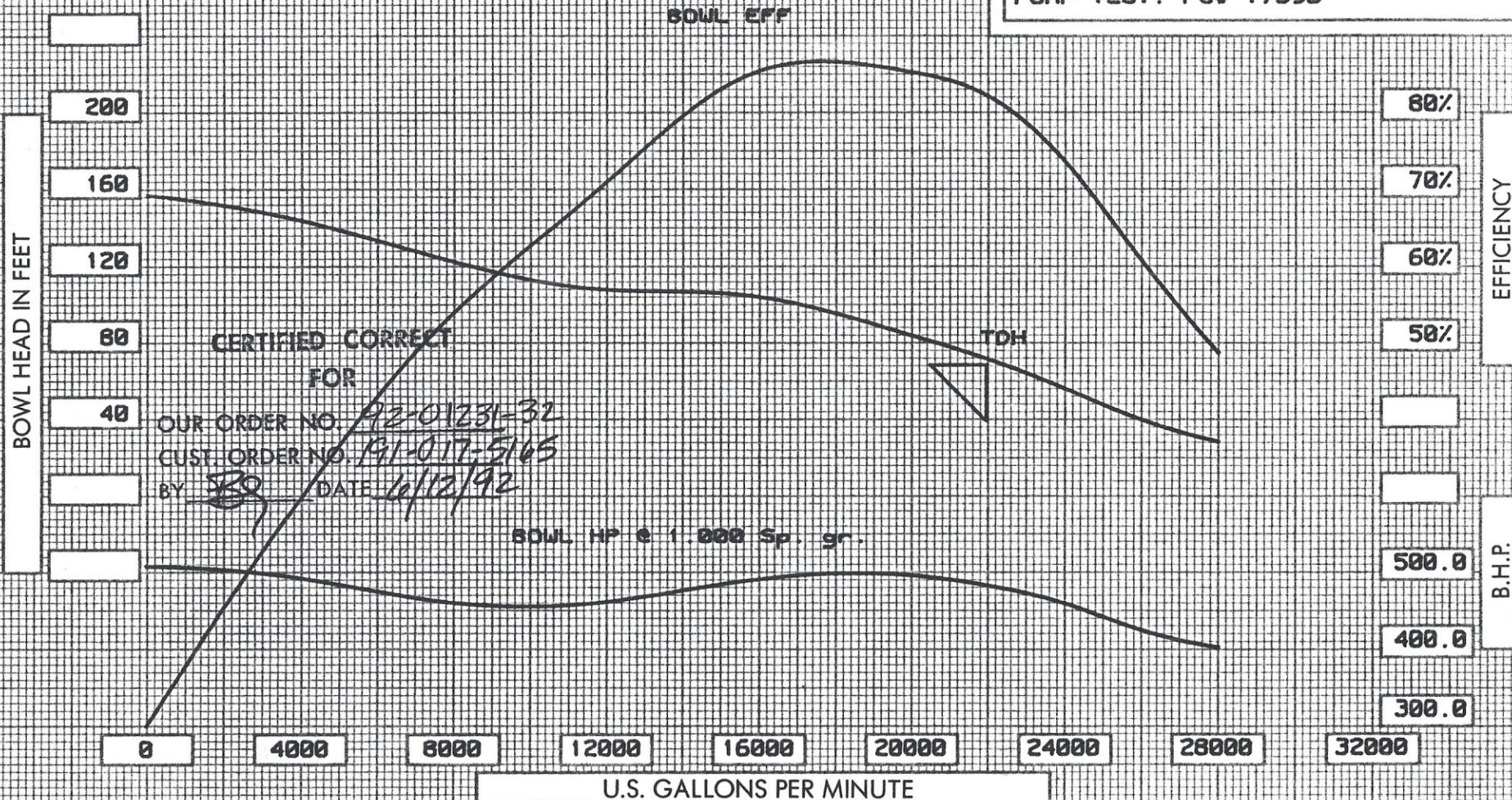
U.S. ELECTRICAL MOTORS
DIVISION OF EMERSON ELECTRIC CO.





CHATEAUGAY POWER STATION
CHATEAUGAY N Y

PUMP TEST: PC# 17596



C.N.F. CONTRACTORS INC.
ONE RESEARCH PARKWAY
MERIDEN CT 06450

FlowWay PUMPS
FRESNO, CALIFORNIA

TYPE 34DKN
NO. OF STAGES 1
R.P.M. 890
PUMP SERIAL NO. 92-01231

DWG. NO. 92-01231-T1

DWN. BY DKH DATE 11-Jun-92

TEST NUMBER PC#: 17596 S.O. # : 92-01231 DATE: 11-Jun-92
 CONDITION POINT: GPM= 22000 TDH= 68 RPM = 890
 CALCULATED BY: DKH DRAWING No. = 92-01231-T1
 PUMP TYPE (Bb\$): 340KN
 MANOMETER CONSTANT (Mc) = 1.0070 IMPELLER TRIM DIA. = 21.437 inch
 GAGE HEIGHT (Ght) = 4.950 IMPELLER FINAL DIA. = 21.437 inch
 NUMBER OF STAGES(Stages) = 1 NUMBER OF STAGES TESTED (Ds) = 1
 SPECIFIC GRAVITY (SPG) = 1.0000
 WATER TEMPERATURE = 65 DEGREES (F) SPECIFIC WEIGHT = 62.324 Lbs/Cu Ft.
 COLUMN SIZE = 24
 MOTOR NUMBER (Mno) = 12

RUN	RPM	GPM	PRESS	GA COR	S LOSS	C-LOS	DH-LOS	VEL HD	HP RDG.	B LOS
1	716	0.0	41.80	0.10	0.00	0.00	0.00	0.00	287.70	0.00
2	716	3000.0	38.30	0.10	0.00	0.00	0.00	0.08	280.30	0.00
3	716	6200.0	32.30	0.00	0.00	0.00	0.00	0.34	262.80	0.00
4	716	9400.0	27.70	0.00	0.00	0.00	0.00	0.79	262.20	0.00
5	716	12600.0	26.40	0.00	0.00	0.00	0.00	1.41	277.80	0.00
6	716	15800.0	20.60	0.00	0.00	0.00	0.00	2.22	281.30	0.00
7	716	17600.0	16.60	-0.10	0.00	0.00	0.00	2.75	273.50	0.00
8	716	19400.0	11.40	-0.10	0.00	0.00	0.00	3.34	258.80	0.00
9	716	20500.0	8.00	-0.10	0.00	0.00	0.00	3.73	245.40	0.00
10	716	22400.0	3.70	-0.10	0.00	0.00	0.00	4.46	230.20	0.00

I	RPM	GPM	TDH	TDH/STAGE	BHP	BHP/STAGE	EFF	MTR EFF
1	890	0.0	157.23	157.23	507.36	507.36	0.00	0.9182
2	890	3755.2	144.86	144.86	493.40	493.40	27.84	0.9165
3	890	7760.7	123.49	123.49	460.60	460.60	52.54	0.9126
4	890	11766.1	107.75	107.75	459.48	459.48	69.68	0.9124
5	890	15771.6	104.07	104.07	488.70	488.70	84.82	0.9160
6	890	19777.1	84.62	84.62	495.29	495.29	85.32	0.9168
7	890	22030.2	70.80	70.80	480.62	480.62	81.96	0.9150
8	890	24283.3	53.16	53.16	453.14	453.14	71.93	0.9117
9	890	25660.2	41.62	41.62	428.24	428.24	62.98	0.9086
10	890	28038.5	27.39	27.39	400.19	400.19	48.46	0.9052

OTHER EQUIPMENT USED _____

DATE 5-2-92 TEST NO. PC-17,590 CUSTOMER CNF CONSTRUCTORS SERIAL # 92-1231

PUMP DESCRIPTION 34 DKN NO. OF STAGES 1 str. COL. SIZE & LENGTH 24" x 96" Lg. SHAFT SIZE 2" 1/16"

HEAD SIZE & TYPE 24" x 30" F BOWL FUSCOAT ~~BRZ WR5~~ IMPELLER SHAARPEN ENTRANCE VANES ~~(ENCLOSED BRZ.)~~ ~~BRZ WR5~~ IMPELLER DIAMETER 21.437 U.F. 1/4 x 3/4

MOTOR DATA: MAKE LAB SERIAL NO. _____ H.P. 500 POLES 10 PHASE 3 CYCLE 60 VOLTS 2300 TYPE V.H.S.

MOTOR EFF. (PUBLISHED) 91.7 % FULL LOAD AMPS N/A METER CONSTANT Kh = ☐ 13893 (50 HP-230 V) ☐ 8043 (25 HP-460 V) ☐ 1158.18 (100 HP-460 V)

METER SIZE & TYPE 24" x GAGE DESCRIPTION 100# Kh = ☐ 2779.6246 (400 HP-460V) ☒ 6949.0616 (1000 HP-2300 V)

MANIFOLD ADAPTOR: SIZE 24" x 24" OFFSET ☐ STRAIGHT ☒ (#1197) AXIAL ADJUSTMENT @ 2 turns 8 TPI

TEST RPM	MANOMETER READING IN GPM	TOTAL GPM READING ± 1.007	GPM @ <u>890</u> RPM K = <u>1.2430</u>	PRESSURE GAGE	DISCHARGE GAGE READING IN PSI	DISCHARGE GAGE CORRECTION	TOTAL PSI	GAGE HEAD IN FEET (A)	SYSTEM LOSSES IN FEET (B)	GAGE ELEV. IN FEET (C)	VELOCITY HEAD IN FEET (D)	TOTAL HEAD IN FEET A+B+C+D	HEAD IN FEET @ <u>890</u> RPM K ² = <u>1.5250</u>	HEAD PER STAGE @ _____ RPM	SECONDS PER _____ REVOLUTIONS	AMPS (3 READINGS)	AVERAGE AMPS	VOLTS (3 READINGS)	AVERAGE VOLTS	YOKOGAWA INPUT HP.	FIELD HP.	F.H.P. @ <u>890</u> RPM K ³ = <u>1.9205</u>	F.H.P. @ <u>1.00</u> SPEC. GRAVITY	F.H.P. PER STAGE @ _____ RPM	OVERALL EFFICIENCY	PUMP EFFICIENCY
716	0			100#	4.8	+1.1				4.95										287.7						
716	3000				38.3	+1.1														280.3						
716	6200				32.3	0														262.8						
716	9400				27.7	0														262.2						
716	12600				26.4	0														277.8						
716	15800				20.6	0														281.3						
716	17600	17723	22030		16.6	-1	16.5	38.12	—		2.70	45.77	70.71							273.5	250.79	481.16		74.90	81.68	
716	19400				11.4	-1														258.8						
716	20500				8.0	-1														245.4						
716	22400			↓	3.7	-1				↓										230.2						
17600					16.7	-1	16.6	38.35	—	4.95	2.70	46.00	71.07							274.5	251.71	483.42			81.78	

FORMULAE: GAGE HEAD P.S.I. $\times 2.3105$ INPUT HP. = $\frac{\text{No. of Rev.} \times \text{Kh}}{\text{time}}$ or $\frac{\text{AMPS} \times \text{VOLTS} \times \text{P.F.}}{431}$ FIELD HP. = INPUT HP. $\times$ MOTOR EFF. OVERALL EFF. = $\frac{\text{TOTAL HEAD}}{\text{INPUT HP.}} \times \frac{\text{GPM}}{3960}$ PUMP EFF. = $\frac{\text{OVERALL EFF.}}{\text{MOTOR EFF.}}$ K = $\frac{\text{JOB RPM}}{\text{TEST RPM}}$

CONDITION POINT: 22000 GPM @ 68' T.D.H.: @ 890 RPM

NOTES:

TESTED BY: [Signature] DATE: 5-2-92 CALCULATED BY: _____ DATE: _____ WITNESSED BY: _____ DATE: _____ TIME: 8:30 PAGE 1 OF 1

Form FPI-219B

Peabody Floway

S.O. DUE DATE 4/27/92
DATE ISSUED 3/13/92

HYDROSTATIC TEST REPORT

Q.A. CLASS: A (B) C

CUSTOMER CNF CONSTRUCTORS INC. SERIAL NO. 92-01231

CUSTOMER P.O. NO. 191-017-5165

APPLICABLE SPECIFICATION HI Witness by customer YES (NO)

PROJECT ENGINEER AVT APPLICATION ENGINEER DB

	SIZE	PSIG REQ'D	PSIG TESTED	TEST DATE	TESTER	Q.A.	WITNESS
DISCH. HEAD:	<u>24 x 30 1/2" FR"</u>						
OUTER SHELL							
INNER SHELL		<u>110</u>	<u>200</u>	<u>4-27-92</u>	<u>LS</u>		
BARREL							
COLUMN, QTY. <u> </u>							
BOWL(S), QTY. <u>1</u>	<u>34 DKN</u>	<u>110</u>	<u>200</u>	<u>4-21-92</u>	<u>LS</u>		
DISCH. CASE, QTY <u> </u>							
BOOSTER LEAD ASSY.							
OTHER <u> </u>							

GENERAL COMPANY SPECS. - Booster lead assembly-100 PSIG. Parts under discharge pressure-1-1/2 x shut-off or 200 PSIG whichever is greater. (Note: Total discharge pressure is the sum of the suction pressure and pump differential pressure). Standard test will be 5 minutes in duration. Tests under API 610 specifications will be 30 minutes minimum.

U.L. 1 1/2 X SO 250 MIN. F.M. 2 X S.O. 250 MIN. U.L.C. 2 X S.O. 350 MIN.

We certify that the identified tests were completed and are in accordance with the stated specifications and that test instrumentation is in a current state of calibration.

Quality Assurance Inspector

Date

COMPLETED

Approved by Witness

Leon M. Jurek
Test Lab

Date

4-27-92
Date

TP-549-3

U.S. ELECTRICAL MOTORS

DIVISION OF EMERSON ELECTRIC CO.



REPORT OF TEST

INDUCTION MOTOR



Purchaser PEABODY FLOWAY Date of Test 4-15-92

Purchaser's Order No. 59213 Serial No. V04U3640316R-1 U.S.E.M. Order No. U3640316

TR# A622

NAMEPLATE RATING

HP OUTPUT	SYN. SPEED RPM	FULL-LOAD SPEED-RPM	PHASE	CYCLES	VOLTS	AMPERES FULL LOAD	TYPE	FRAME NUMBER
600	900	890	3	60	4160	82	HVE4	6808P

TEMPERATURE RISE

CONDITIONS OF TEST				RISE-DEG C	
HOURS RUN	LINE VOLTS	LINE AMPERES	COOLING AIR DEG C	FRAME BY THERMO-COUPLE	WINDINGS BY RESISTANCE METHOD
2.0	4189	78	25	16	34

HEAT RUN @ 600 HP

CHARACTERISTICS

SLIP PER CENT	RUNNING LIGHT CURRENT (AMPERES)	LOCKED ROTOR		BREAKDOWN TORQUE (LB.-FT.) AT 4160 VOLTS	RESISTANCE AT 25°C (BETWEEN LINES) OHMS	STATOR DIELECTRIC TEST VOLTAGE FOR ONE MIN.
		CURRENT (AMPERES)	TORQUE (LB.-FT.)			
0.93	32	504	4962	10669	0.6399	15844 VDC

EFFICIENCY, PER CENT		
FULL LOAD	¾ LOAD	½ LOAD
95.4	95.4	94.6

POWER FACTOR, PER CENT		
FULL LOAD	¾ LOAD	½ LOAD
83.0	78.6	68.8

CERTIFIED

Data from test on actual motor Approved by Paul A. Anderson Date 04-16-92

DR587-16404

4.03

U.S. ELECTRICAL MOTORS
DIVISION OF EMERSON ELECTRIC
ST. LOUIS, MISSOURI

SHORT COMMERCIAL TEST REPORT

CUSTOMER NAME: PEABODY FLOWAY

P.O. NO: S9213

U.S.E.M. ORDER NO: U3640316

SERIAL NO: V04U3640316R-1

NAMEPLATE DATA

RATED H.P.	FRAME	TYPE	DESIGN LETTER	AMBIENT TEMPERATURE	PHASE	INSUL. CLASS
600	6808P	HVE-4	-	40 DEG C	3	F

HERTZ	SERVICE FACTOR	VOLTS	AMPERES	CODE LETTER	RATED SPEED RPM	TIME RATING
60	1.0	4160	82	G	890	CONT.

TEST REPORT OF THIS MOTOR

NO LOAD				BLOCKED ROTOR		
VOLTS	AMPERES	HERTZ	SPEED RPM	VOLTS	AMPERES	HERTZ
4463	35	60	900	2412	279	60

BEARING INSPECTION	WINDING RESISTANCE AT 25 DEG C.	DIELECTRIC TEST
PASSED	.640 OHMS	15844 VOLTS DC 60 SECONDS PASSED

TEST BY: MHG

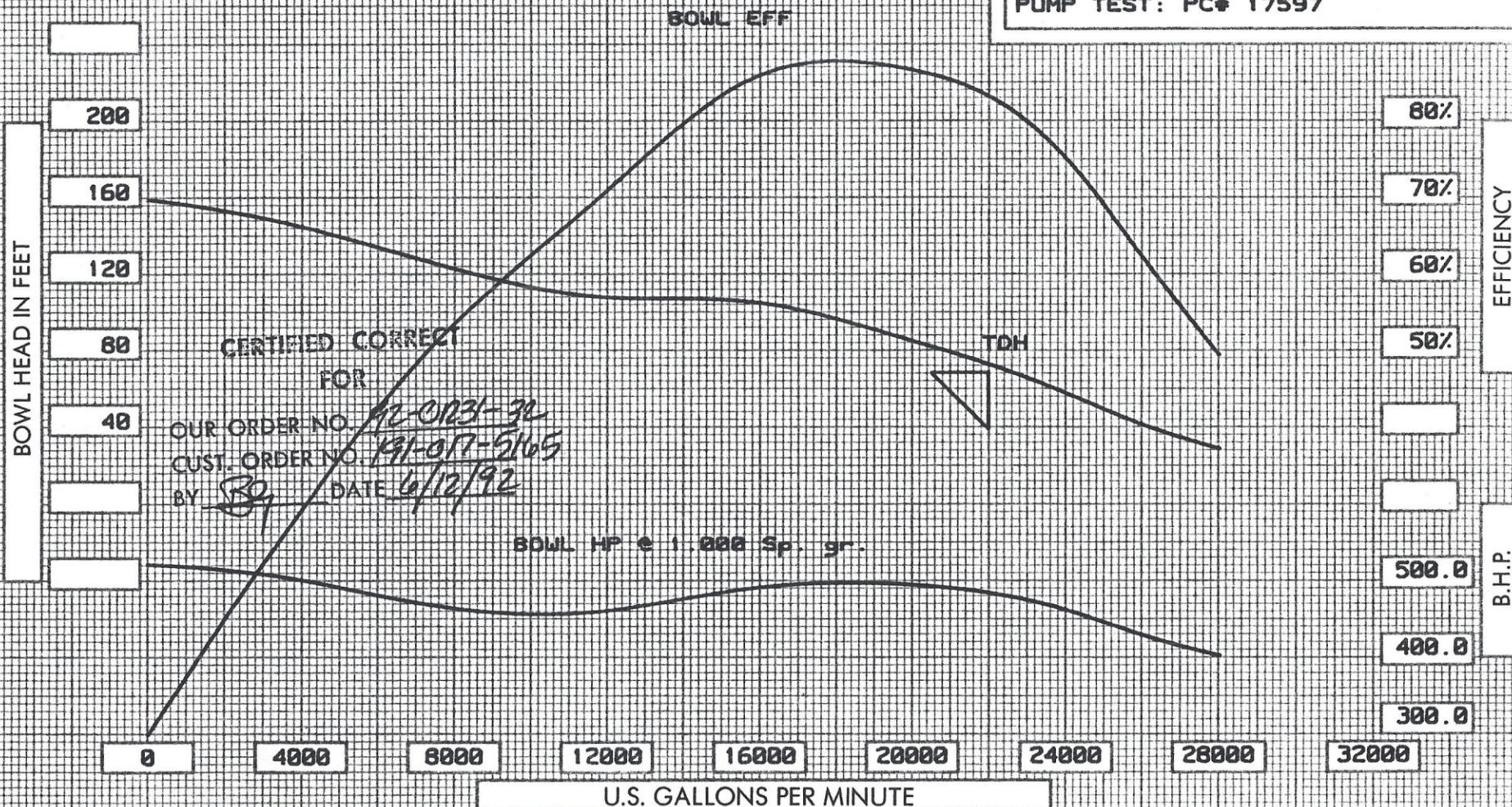
DATE: 04-14-92

APPRVED BY: KRB

DATE: 04-16-92

CHATEAUGAY POWER STATION
CHATEAUGAY N Y

PUMP TEST: PC# 17597



C.N.F. CONSTRUCTORS INC.
ONE RESEARCH PARKWAY
MERIDEN CT 06450

Floway Pumps
FRESNO, CALIFORNIA

TYPE 34DKN
NO. OF STAGES 1
R.P.M. 890
PUMP SERIAL NO. 92-01232

DWG. NO. 92-01232-T1

DWN. BY DKH DATE 11-Jun-92

TEST NUMBER PC#: 17597 S.O. #: 92-01232 DATE: 11-Jun-92
 CONDITION POINT: GPM= 22000 TDH= 68 RPM = 890
 CALCULATED BY: DKH DRAWING No. = 92-01232-T1
 PUMP TYPE (Bb#): 340KN
 MANOMETER CONSTANT (Mc) = 1.0070 IMPELLER TRIM DIA. = 21.437 inch
 GAGE HEIGHT (Ght) = 4.950 IMPELLER FINAL DIA. = 21.437 inch
 NUMBER OF STAGES(Stages) = 1 NUMBER OF STAGES TESTED (Ds) = 1
 SPECIFIC GRAVITY (SPG) = 1.0000
 WATER TEMPERATURE = 65 DEGREES (F) SPECIFIC WEIGHT = 62.324 Lbs/Cu Ft.
 COLUMN SIZE = 24
 MOTOR NUMBER (Mno) = 12

RUN	RPM	GPM	PRESS	SA COR	S LOSS	C-LOS	DH-LOS	VEL	HD	HP RDG.	B LOS
1	715	0.0	42.30	0.10	0.00	0.00	0.00	0.00	0.00	294.00	0.00
2	715	3000.0	38.50	0.10	0.00	0.00	0.00	0.00	0.08	284.00	0.00
3	716	6200.0	32.40	0.00	0.00	0.00	0.00	0.00	0.34	265.00	0.00
4	716	9400.0	27.70	0.00	0.00	0.00	0.00	0.00	0.79	262.00	0.00
5	716	12600.0	26.60	0.00	0.00	0.00	0.00	0.00	1.41	278.10	0.00
6	716	15800.0	20.90	0.00	0.00	0.00	0.00	0.00	2.22	280.40	0.00
7	716	17600.0	16.90	-0.10	0.00	0.00	0.00	0.00	2.75	274.20	0.00
8	716	19400.0	11.80	-0.10	0.00	0.00	0.00	0.00	3.34	260.10	0.00
9	716	20500.0	8.40	-0.10	0.00	0.00	0.00	0.00	3.73	247.60	0.00
10	716	22400.0	3.80	-0.10	0.00	0.00	0.00	0.00	4.46	229.90	0.00

I	RPM	GPM	TDH	TDH/STAGE	BHP	BHP/STAGE	EFF	MTR EFF
1	890	0.0	159.46	159.46	521.46	521.46	0.00	0.9196
2	890	3760.4	145.98	145.98	502.48	502.48	27.59	0.9174
3	890	7760.7	123.84	123.84	464.71	464.71	52.23	0.9131
4	890	11766.1	107.75	107.75	459.10	459.10	69.73	0.9124
5	890	15771.6	104.79	104.79	489.27	489.27	85.30	0.9160
6	890	19777.1	85.69	85.69	493.59	493.59	86.70	0.9166
7	890	22030.2	71.88	71.88	481.94	481.94	82.97	0.9152
8	890	24283.3	54.58	54.58	455.56	455.56	73.47	0.9120
9	890	25660.2	43.05	43.05	432.32	432.32	64.52	0.9091
10	890	28038.5	27.75	27.75	399.64	399.64	49.16	0.9051

OTHER EQUIPMENT USED _____

DATE 5-2-92 TEST NO. PC-17,597 CUSTOMER CNF Constructors SERIAL # 92-1232

PUMP DESCRIPTION 34 DKN NO. OF STAGES 1 stg. COL. SIZE & LENGTH 24" x 96" L SHAFT SIZE 2" 1/16"

HEAD SIZE & TYPE 24" x 30" F BOWL FUSECOAT IMPELLER 282 WE IMPELLER DIAMETER 21.437 U.F. 1/4" x 3/16"

MOTOR DATA: MAKE LAB SERIAL NO. _____ H.P. 500 POLES 10 PHASE 3 CYCLE 60 VOLTS 2300 TYPE V.H.S.

MOTOR EFF. (PUBLISHED/GUARANTEED) 91.8% FULL LOAD AMPS N/A METER CONSTANT Kh = ☐ 13893 (50 HP-230 V) ☐ 8043 (25 HP-460 V) ☐ 1158.18 (100 HP-460 V)

METER SIZE & TYPE 24" x 14 1/2" GAGE DESCRIPTION 100# Kh = ☐ 2779.6246 (400 HP-460V) ☒ 6949.0616 (1000 HP-2300 V)

MANIFOLD ADAPTOR: SIZE 24" x 24" OFFSET ☐ STRAIGHT ☒ (#1197) AXIAL ADJUSTMENT @ 2 turns 8 TPI

TEST RPM	MANOMETER READING IN GPM	TOTAL GPM READING ± 1.007	GPM @ <u>890</u> RPM K = <u>1.2430</u>	PRESSURE GAGE	DISCHARGE GAGE READING IN PSI	DISCHARGE GAGE CORRECTION	TOTAL PSI	GAGE HEAD IN FEET (A)	SYSTEM LOSSES IN FEET (B)	GAGE ELEV. IN FEET (C)	VELOCITY HEAD IN FEET (D)	TOTAL HEAD IN FEET A+B+C+D	HEAD IN FEET @ <u>890</u> RPM K ² = <u>1.5450</u>	HEAD PER STAGE @ _____ RPM	SECONDS PER <u>11/2</u> REVOLUTIONS	AMPS (3 READINGS)	AVERAGE AMPS	VOLTS (3 READINGS)	AVERAGE VOLTS	YOKOGAWA INPUT HP.	FIELD HP.	F.H.P. @ <u>890</u> RPM K ³ = <u>1.9205</u>	F.H.P. @ <u>1.00</u> SPEC. GRAVITY	F.H.P. PER STAGE @ _____ RPM	OVERALL EFFICIENCY	PUMP EFFICIENCY
715	0			100#	42.3					4.95									294.0							
715	3000				38.5														284.0							
716	6200				32.4														265.0							
716	9400				27.7														262.0							
716	12600				26.6														278.1							
716	15800				20.9														280.4							
716	17600	17723	22030		16.9	-1	16.8	38.81	-		2.70	46.46	71.79						274.2	251.71	483.41			75.84	82.61	
716	19400				11.8														260.1							
716	20500				8.4														247.6							
716	22400			↓	3.8						↓								229.9							
													</													

FORMULAE: GAGE HEAD P.S.I. $\times 2.3105$ INPUT HP. = $\frac{\text{No. of Rev.} \times \text{Kh}}{\text{time}}$ or $\frac{\text{AMPS} \times \text{VOLTS} \times \text{P.F.}}{431}$ FIELD HP. = INPUT HP. $\times$ MOTOR EFF. OVERALL EFF. = $\frac{\text{TOTAL HEAD}}{\text{INPUT HP.}} \times \frac{\text{GPM}}{3960}$ PUMP EFF. = $\frac{\text{OVERALL EFF.}}{\text{MOTOR EFF.}}$ K = $\frac{\text{JOB RPM}}{\text{TEST RPM}}$

CONDITION POINT: 22,000 GPM @ 68' T.D.H. @ 890 RPM

NOTES:

TESTED BY: [Signature] DATE: 5-2-92 CALCULATED BY: _____ DATE: _____ WITNESSED BY: _____ DATE: _____ TIME: 10:45 PAGE 1 OF 1

Peabody Floway

S.O. DUE DATE 4/27/92
DATE ISSUED 3/13/92

HYDROSTATIC TEST REPORT

Q.A. CLASS: A B C

CUSTOMER CNF CONSTRUCTORS INC. SERIAL NO. 92-01232

CUSTOMER P.O. NO. 191-017-5165

APPLICABLE SPECIFICATION HI Witness by customer YES (NO)

PROJECT ENGINEER AVT APPLICATION ENGINEER DB

	SIZE	PSIG REQ'D	PSIG TESTED	TEST DATE	TESTER	Q.A.	WITNESS
DISCH. HEAD:	<u>24 x 30 1/2" FR</u>						
OUTER SHELL							
INNER SHELL		<u>110</u>	<u>200</u>	<u>4-27-92</u>	<u>LS</u>		
BARREL							
COLUMN, QTY.							
BOWL(S), QTY. <u>1</u>	<u>34 DKN</u>	<u>110</u>	<u>200</u>	<u>4-21-92</u>	<u>LS</u>		
DISCH. CASE, QTY							
BOOSTER LEAD ASSY.							
OTHER							

GENERAL COMPANY SPECS. - Booster lead assembly-100 PSIG. Parts under discharge pressure-1-1/2 x shut-off or 200 PSIG whichever is greater. (Note: Total discharge pressure is the sum of the suction pressure and pump differential pressure). Standard test will be 5 minutes in duration. Tests under API 610 specifications will be 30 minutes minimum.

U.L. 1 1/2 X SO 250 MIN. F.M. 2 X S.O. 250 MIN. U.L.C. 2 X S.O. 350 MIN.

We certify that the identified tests were completed and are in accordance with the stated specifications and that test instrumentation is in a current state of calibration.

Quality Assurance Inspector

Date

Approved by Witness

Date

Leon M. Surral
Test Lab

4-27-92
Date

COMPLETED

TP-549-4

U.S. ELECTRICAL MOTORS
DIVISION OF EMERSON ELECTRIC
ST. LOUIS, MISSOURI

SHORT COMMERCIAL TEST REPORT

CUSTOMER NAME: PEABODY FLOWAY

P.O. NO: 59213

U.S.E.M. ORDER NO: U3640316

SERIAL NO: V04U3640316R-2

NAMEPLATE DATA

RATED H.P.	FRAME	TYPE	DESIGN LETTER	AMBIENT TEMPERATURE	PHASE	INSUL. CLASS
600	6808P	HVE-4	-	40 DEG C	3	F

HERTZ	SERVICE FACTOR	VOLTS	AMPERES	CODE LETTER	RATED SPEED RPM	TIME RATING
60	1.0	4160	82	G	890	CONT.

TEST REPORT OF THIS MOTOR

NO LOAD				BLOCKED ROTOR		
VOLTS	AMPERES	HERTZ	SPEED RPM	VOLTS	AMPERES	HERTZ
4396	34	60	900	2370	265	60

BEARING INSPECTION	WINDING RESISTANCE AT 25 DEG C.	DIELECTRIC TEST
PASSED	.640 OHMS	15844 VOLTS DC 60 SECONDS PASSED

TEST BY: MHG

DATE: 04-14-92

APPRVED BY: KRB

DATE: 04-16-92