

CENTRIFUGAL PUMP SPECIFICATIONS

Item No.
Job No. **P 435**
Page No.
Date **4/1/63**
P. O. No. **4-35160**
4-35210
4-35201

1	Service P54 (63A-55-733) P55 (63A-55-734) P73 (63A-55-735)		Manufacturer
2	Client PPG CHEMICAL DIV		Size 6 X 8 X 14
3	Job Location LAKE CHARLES, LA		Type 3406 Stage
4	Number Required 3		Serial No.
5	Driver	Motor TEFC	Serial No.
RATING DATA			
6	Material Handled COOLING TOWER WATER		Hydraulic H.P.
7	Pumping Temp. 85 °F		Efficiency, Rated %
8	Sp. Gr. @ 60° F	@ P.T. 1.0	B.H.P., Rated
9	Viscosity @ P.T. 1.0		R.P.M. 1750
10	Capacity, Rated at P.T.	2000 gpm	Cooling Water °F gpm
11	NPSH, Max. Available	25 feet	Rotation Facing Pump Coup. End
12	Discharge Press.	psig	Performance Curve No.
13	Differential Press.	psi	Test Curve No.
14	Rated Head	150 feet	Dimension Dwg. No.
MATERIALS AND CONSTRUCTION			
15	Case CAST IRON	Lantern Ring	
16	Shaft CARBON STEEL	Bearing Housings	
17	Shaft Sleeve BRONZE	Thrust Bearing	
18	Impellers BRONZE	Radial Bearing	
19	Case Wear Rings BRONZE	Coupling FALK	
20	Impeller Wear Rings	Insulation	
21	Interstage Pieces	Base Plate (Common for Pump and Driver)	
22	Interstage Bushings		
23	Spacer Sleeves	Lubrication	
24	Diffusers		
25	Press. Bal. Drum		
26	Press. Bal. Sleeve	Wearing Ring Clearance	
27	Packing Box	Interstage Piece Clearance	
28	Packing Box Gland	Press. Red. Drum Clearance	
29	Type Packing TEFLON IMPREGNATED ASBESTOS		
30	Packing Field Installed (100% Spare)	Pump Case Hydrostatic Test	
31			
DRIVER			
MOTOR		TURBINE	
32	Mfr. and Type A.C. GE. WEST TEFC	Mfr. and Type	
33	H.P. 100 rpm. 1750	H.P. rpm.	
34	Volts 440 Phase 3 Cycles 60	Water Rate	Lb/BHP Lb/Hr.
35	Power Consumption	Steam	Exhaust
36	Serial No.	Serial No.	
WEIGHTS AND SIZES			
37	Suction, Size	Series	Facing
38	Discharge, Size	Series	Facing
39	Turbine Inlet	Turbine Exhaust	
40	Weight, Pump and Base	Motor	Turbine Total
41	Overall Floor Space		
REMARKS			
42			
43			
44			
45			
46			
47			
48			
49			
50			
NO.	DATE	REASON	SIG. DATE
REVISION		DRAWN	
		APPROVED	

I BB 0015150 I

GOULDS PUMPS INC.

SENECA FALLS, N. Y., U.S.A.

CUSTOMER'S ORDER NO. AND DATE

5 D

CUST. REQ. NO.

5/22/63 JP

206766

CONTRACT NO.

G. P. ORDER NO.

BILL TO

PITTSBURGH PLATE GLASS COMPANY
CHEMICAL DIVISION
P.O. BOX 1000
LAKE CHARLES, LOUISIANA

SHIP TO

PITTSBURGH PLATE GLASS COMPANY
CHEMICAL DIVISION
LAKE CHARLES, LOUISIANA

VIA

TRUCKLOAD-PPD MARK

BRANCH ORDER NO.

DATE ORDER REC'D.

DATE ENTERED

EL

HA 066

5/22

7/15

SHIP WITH

739219 THRU 251
206765

APPROX. SHIPPING DATE

10/1/63 DO

SHIP UNTIL

RELEASED BY CUST

QUANTITY ORDERED	ITEM NO.	MODEL NO.	SIZE	ROT.	CONSTN.	LESS WITH	BED	LESS WITH	COUPLING	UNIT LIST PRICE	QUANTITY SHIPPED	TOTAL LIST PRICE	NET AMOUNT
3	3A-733, 734 & 735	3406	5x8-14	RH	BF	X		X					
EXTRA'S FURNISHED ONLY WHEN CHECKED CPLG. ☐ CPLG. GUARD ☒ IMPELLER WEARING RINGS ☐ WATER COOLED BRG. ☐ SHAFT SLEEVE CHROME HARDENED ☐ STAINLESS STEEL SHAFT ☐ MECH. SEAL ☐ SHAFT SLEEVE 18-8 STAINLESS STEEL ☐ FITTED FOR VOLATILE LIQUID ☐ DOUBLE SHAFT EXT. ☐ G. P. M. ☐ T. N. H. ☐ LIQUID ☐ TEMP. ☐ SP. GR. ☐ EFF. ☐ 2000 150 FT WATER 85F 1.0 % IMPELLER 14-1/8" DIA. DRAWING 239-49 PATT. 52264 IMPELLER DIA. DRAWING PATT. MOTOR H. P. VOLT PHASE CYCLES R.P.M. FRAME WESTINGHOUSE 100 440 3 60 1750 445-US ROTATION ☐ TFC MOTOR ENCLOSURE CLASS DWG. CLASS ITEM C. W. ☐ C. C. W. ☐ B" INSUL. 55 DEG. C. RISE CHEMICAL TYPE MOTOR ORDERED ☒ FACTORY ON FILE ☒ MOTOR FURNISHED ☐ BY BRANCH DATA ATTACHED ☐ MOTOR IN STOCK ☐ AGENT LATER ☐ MOTOR CUSTOMER MOTOR WILL ☒ WILL NOT COME HERE TAGGED NO. PRICE INDEX SPEC PUMP INDEX SPEC DRIVE INDEX 721-0185001-1 761-45253-1 ADD. SPECS. WITH JOHN CRANE STYLE G-95 TEFLON IMPREGNATED ASBESTOS STUFFING BOX PKG. PACKING ORD. BY ENGR DEPT. TO COME HERE. <i>(Handwritten: 2 1/2" OD X 1 3/4" ID 3/8" thick)</i>													

WE HEREBY CERTIFY THAT THE GOODS AND/OR SERVICES, AND THE PRICES CHARGED THEREFOR, COVERED BY THIS INVOICE, ARE WITHIN THE LIMITATIONS OF ANY APPLICABLE STATUTES OR REGULATIONS. GOULDS PUMPS, INC.

NO. OF INVOICES

MAILING AND OTHER INSTRUCTIONS

DRIVER DATA HERE

BB 0015151

DRIVER HERE

55-734

CENTRIFUGAL PUMP SPECIFICATIONS

Item No. _____
Job No. P 436
Page No. _____
Date 4/11/63
P. O. No. _____
Long 4-3516L
4-3521
4-3520

1	Service P54(63A-55-733) P55(63A-55-734) P73(63A-55-735)		4-3521 4-3520	
2	Client PTG CHEMICAL DIV		Manufacturer	
3	Job Location LAKE CHARLES LA		Size 6X3X14	
4	Number Required 3		Type 3406 Stage	
5	Driver Motor Turbo		Serial No.	
RATING DATA				
6	Material Handled COOLING TOWER WATER		Hydraulic H.P.	
7	Pumping Temp. 85 °F		Efficiency, Rated %	
8	Sp. Gr. @ 60° F @ P.T. 1.0		B.H.P., Rated	
9	Viscosity @ P.T. 1.0		R.P.M. 1750	
10	Capacity, Rated at P.T. 2000 rpm		Cooling Water °F rpm	
11	NPSH, Max. Available 25 feet		Rotation Facing Pump Coup. End	
12	Discharge Press. psig		Performance Curve No.	
13	Differential Press. psi		Test Curve No.	
14	Rated Head 150 feet		Dimension Dwg. No.	
MATERIALS AND CONSTRUCTION				
15	Case CAST IRON		Lantern Ring	
16	Shaft CARBON STEEL		Bearing Housings	
17	Shaft Sleeve BRONZE		Thrust Bearing	
18	Impellers BRONZE		Radial Bearing	
19	Case Wear Rings BRONZE		Coupling FALK	
20	Impeller Wear Rings		Insulation	
21	Interstage Pieces		Base Plate (Common for Pump and Driver)	
22	Interstage Bushings			
23	Spacer Sleeves		Lubrication	
24	Diffusers			
25	Press. Bal. Drum			
26	Press. Bal. Sleeve		Wearing Ring Clearance	
27	Packing Box		Interstage Piece Clearance	
28	Packing Box Gland		Press. Red. Drum Clearance	
29	Type Packing TEFLON IMPREGNATED ASBESTOS			
30	Packing Field Installed (100% Spare)		Pump Case Hydrostatic Test	
31				
DRIVER				
MOTOR			TURBINE	
32	Mfr. and Type A.C. GE WEST TEFC		Mfr. and Type	
33	H.P. 100 rpm. 1750		H.P. rpm.	
34	Volts 440 Phase 3 Cycles 60		Water Rate Lb/BHP Lb/Hr.	
35	Power Consumption		Steam Exhaust	
36	Serial No.		Serial No.	
WEIGHTS AND SIZES				
37	Suction, Size		Series Facing	
38	Discharge, Size		Series Facing	
39	Turbine Inlet		Turbine Exhaust	
40	Weight, Pump and Base		Motor Turbine Total	
41	Overall Floor Space			
REMARKS				
42				
43				
44				
45				
46				
47				
48				
49				
50				
NO. DATE REVISION SIC. DATE DRAWN SIC. DATE APPR. VENDOR CLIENT				

CENTRIFUGAL PUMP SPECIFICATIONS

1	Service	P54(63A-55-733) P55(63A-55-734) P73(63A-55-735)		7-33764 4-35210 4-35201	
2	Client	PYG CHEMICAL DIV		Manufacturer	
3	Job Location	LAKE CHARLES LA		Size 6x3x14	
4	Number Required	3		Type	3406 Stage
5	Driver	Motor Turbine		Serial No.	
RATING DATA					
6	Material Handled	COOLING TOWER WATER		Hydraulic H.P.	
7	Pumping Temp.	85 °F		Efficiency, Rated %	
8	Sp. Gr. @ 60° F	@ P.T. 1.0		B.H.P., Rated	
9	Viscosity @ P.T.	1.0		R.P.M. 1750	
10	Capacity, Rated at P.T.	2000 gpm		Cooling Water	°F gpm
11	NPSH, Max. Available	25 feet		Rotation	Facing Pump Coup. End
12	Discharge Press.	psig		Performance Curve No.	
13	Differential Press.	psi		Test Curve No.	
14	Rated Head	150 feet		Dimension Dwg. No.	
MATERIALS AND CONSTRUCTION					
15	Case	CAST IRON		Lantern Ring	
16	Shaft	CARBON STEEL		Bearing Housings	
17	Shaft Sleeve	BRONZE		Thrust Bearing	
18	Impellers	BRONZE		Radial Bearing	
19	Case Wear Rings	BRONZE		Coupling FALK	
20	Impeller Wear Rings			Insulation	
21	Interstage Pieces			Base Plate (Common for Pump and Driver)	
22	Interstage Bushings				
23	Spacer Sleeves			Lubrication	
24	Diffusers				
25	Press. Bal. Drum				
26	Press. Bal. Sleeve			Wearing Ring Clearance	
27	Packing Box			Interstage Piece Clearance	
28	Packing Box Gland			Press. Red. Drum Clearance	
29	Type Packing	TEFLON IMPREGNATED ASBESTOS			
30	Packing Field Installed (100% Spare)			Pump Case Hydrostatic Test	
31					
DRIVER					
MOTOR			TURBINE		
32	Mfr. and Type	A.C. GE WEST TEFC		Mfr. and Type	
33	H.P.	100	rpm. 1750	H.P.	rpm.
34	Volts	440	Phase 3	Cycles 60	Water Rate Lb/BHP Lb/Hr.
35	Power Consumption			Steam	Exhaust
36	Serial No.			Serial No.	
WEIGHTS AND SIZES					
37	Suction, Size	Series		Facing	
38	Discharge, Size	Series		Facing	
39	Turbine Inlet	Turbine Exhaust			
40	Weight, Pump and Base	Motor		Turbine	Total
41	Overall Floor Space				
REMARKS					
42					
43					
44					
45					
46					
47					
48					
49					
50					
NO.		DATE		REVISION	
NO.		DATE		DRAWN	
NO.		DATE		APPR.	
NO.		DATE		VENDOR	
NO.		DATE		CLIENT	
NO.		DATE		ISSUED	