

Job # 1307 Date: 2/29/12 Customer: Rock Tenn
PO # 00575247 Equipment: IR 4 x 11 DA-8 BFP
Inspected By: Al Ackley S/N: 1281126

As Received Notes:

Rotation (from CE):

☐ Clockwise
☒ Counter Clockwise

Pump Orientation:

☒ Horizontal
☐ Vertical Standoff: N/A

Coupling Received?

☒ Yes
☐ No

Mechanical Seals Received?

☒ Yes ☐ No

Packed ?

☐ Yes ☒ No

Repair Summary:

Average Running Clearance Front: .019 - .020 Back: .019 - .020
Assembled Rotation (from C.E.) ☐ Clockwise ☒ Counter-Clockwise
Total Thrust: .011
Set Position CE Lifts: .018 End Float: .271
TE Lifts: .018 Centralization: .146

Inspection / Shipment Summary

All assembly/inspection data recorded?	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
All Fasteners Tightened per Spec's:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Suction / Discharge Ports Checked for Debris:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Suction / Discharge Covers Installed:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Cooling / Flush Lines and Ports Cleaned:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Bearing Lube Passages Clear and Match Supply Points:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Mechanical Seals Installed:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Packing Installed:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Shipped with pump <input checked="" type="checkbox"/> N/A
Coupling & Key Shipped with Unit:	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
'O'-Rings & Gaskets Installed	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A
Tested Seals: <input checked="" type="checkbox"/> Air <input type="checkbox"/> Water	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> N/A

Pump preparation: ☒ Complete Pump
☐ Sub Assemblies
☐ Parts

Prepped for: ☐ Delivery
☒ Long Term Storage

Inspection / Shipment Summary Cont'd

Job # in Keyway: ☒ Yes ☐ No
Rotor Locked for Shipment: ☒ Yes ☐ No
CPR Tag Installed: ☒ Yes ☐ No
Instruction Tags Installed ☐ Needs Greased
☒ Needs Oiled
☐ Needs Packed
☒ Other

Tag Number: _____

Mechanical Seals are set _____

Disposition of Used/Scrap Parts: ☐ Store ☒ Discard ☐ Return

Note any special repair highlights/instructions for field rep. or customer: _____

Upgrades Performed (Changes to Original Design): N/A

Special Notes / Comments: _____

Signed: _____ Al Ackley

Date: _____

Approved By: _____ James Durkin

Date: 2/29/12

- ☐ Customer Copy – Ship with Equipment
☒ Job File Copy

Shaft Inspection Report

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Cleveland
Pump
Repair &
Services, LLC

Date: 2/25/2012
() As Received (X) As Shipped

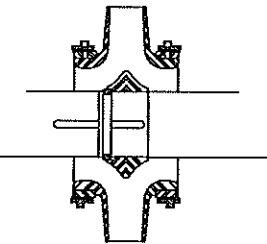
Job No.: 1307 Customer: Rock Tenn OEM: Ingersoll Rand

Inspected By: B Golubski Serial No.: 1251126 Size & Type: 4 x 11 DA-8

Component	Run Out (TIR)	Shaft Diameter	Bore Diameter	Fit	Condition
Coupling	tapered				
Bearing	0	2.750	2.755	0.005	new
Mechanical Seal	0	2.755	2.758	0.003	new
Throat Bushing	0	2.755	2.800	0.045	new
Impeller 1	0	2.799	2.798	0.001	new
Impeller 2	0	2.803	2.802	0.001	new
Impeller 3	0.001	2.808	2.807	0.001	new
Impeller 4	0.001	2.819	2.818	0.001	new
Center Sleeve	0.001	2.819	2.817	0.002	new
Impeller 8	0.001	2.819	2.818	0.001	new
Impeller 7	0.001	2.808	2.807	0.001	new
Impeller 6	0.0005	2.803	2.802	0.001	new
Impeller 5	0	2.799	2.797	0.002	new
Throttle Sleeve	0	2.791	2.790	0.001	new
Throat Bushing	0	2.755	2.799	0.044	new
Mechanical Seal	0	2.755	2.758	0.003	new
Bearing	0	2.750	2.755	0.005	new
Thrust Collar	0	1.750	1.751	0.001	new

Notes: OAL 91 7/8" Long

NOTES



STAGE 1
DOUBLE SUCTION IMPELLER
(IF APPLICABLE)

Double Suction Impeller Information

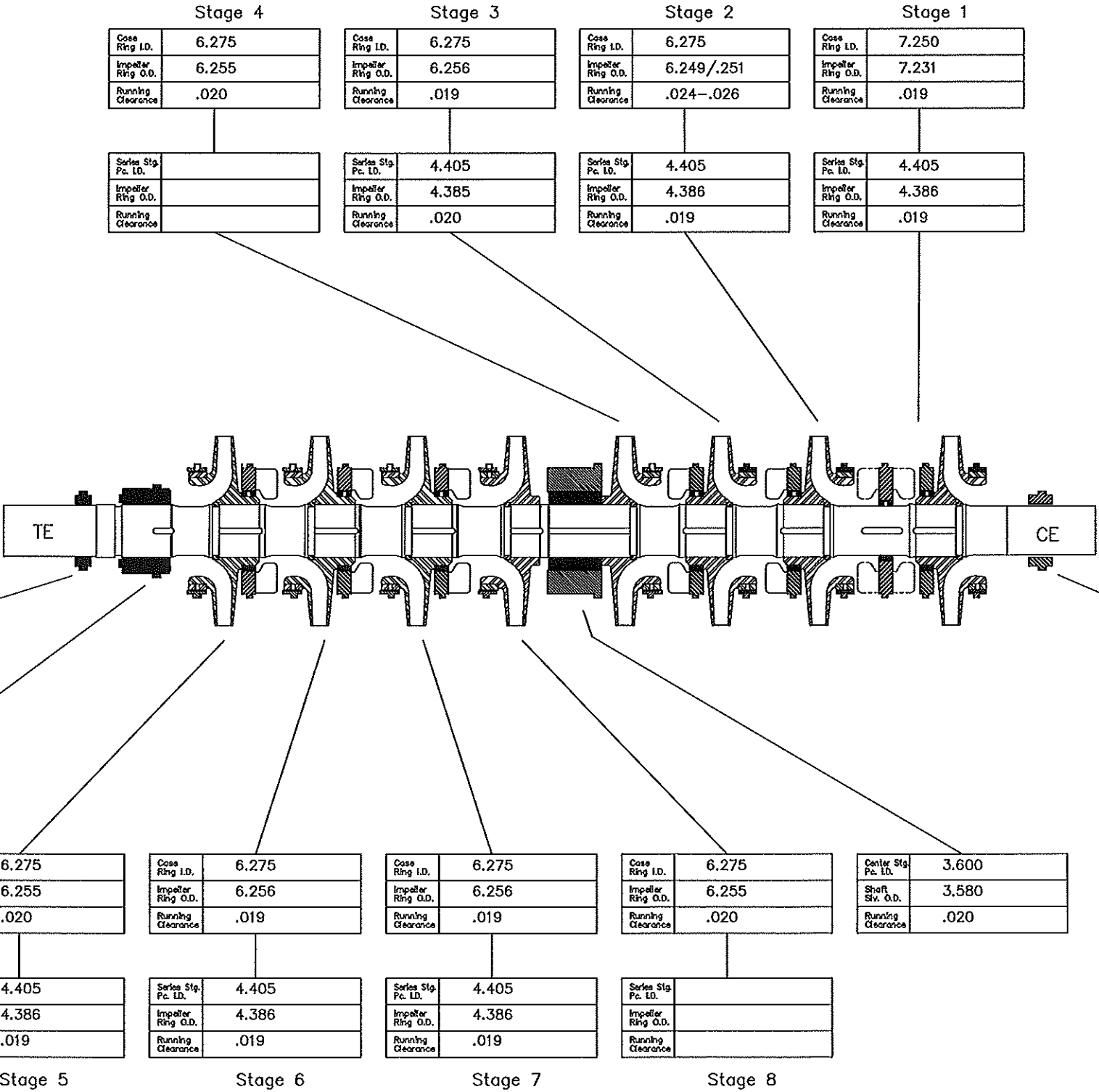
Shroud Dia.	
Vane Tip Dia.	
Eye Dia.	
B.A. width Dim.	

Impeller Information Stage 1

Shroud Dia.	10 13/16
Vane Tip Dia.	10 13/16
Eye Dia.	6
B.A. width Dim.	1 3/8 / 1

Impeller Information Series

Shroud Dia.	10 13/16
Vane Tip Dia.	10 13/16
Eye Dia.	5
B.A. width Dim.	1 1/8 / 3/4



Sleeve Bearing I.D.	2.755
Shaft O.D.	2.750
Running Clearance	.005

Throat Bushing I.D.	2.799
Shaft Shv. O.D.	2.755
Running Clearance	.044

Sleeve Bearing I.D.	2.755
Shaft O.D.	2.750
Running Clearance	.005

Throat Bushing I.D.	2.800
Shaft Shv. O.D.	2.755
Running Clearance	.045

Throat Bushing I.D.	3.757
Shaft Shv. O.D.	3.741
Running Clearance	.016

Case Ring I.D.	6.275
Impeller Ring O.D.	6.255
Running Clearance	.020

Case Ring I.D.	6.275
Impeller Ring O.D.	6.256
Running Clearance	.019

Case Ring I.D.	6.275
Impeller Ring O.D.	6.256
Running Clearance	.019

Case Ring I.D.	6.275
Impeller Ring O.D.	6.255
Running Clearance	.020

Center Stg. Pc. I.D.	3.600
Shaft Shv. O.D.	3.580
Running Clearance	.020

Series Stg. Pc. I.D.	4.405
Impeller Ring O.D.	4.386
Running Clearance	.019

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Impeller Ring O.D.	4.386
Running Clearance	.019

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Series Stg. Pc. I.D.	
Impeller Ring O.D.	
Running Clearance	