

QA PROGRAM REQUIREMENTS: COMMERCIAL

No.	Activity description		cust.	CPC	PROCEDURE/REMARK	Rev.
1	Documents / Procedures					
	- Quality Assurance Requirements		I			
	- Pump and Motor Outline		I			
	- Sectional drawing		I			
	- Seal Sectional		I			
	- Seal Flush piping		I		BM Pages	
	- Motor outline		I			
	- Hydrostatic test procedure		A		MAT D-1	
	- Airleak test procedure			IR	MAT D-2 [B]	
	- Painting procedure		I		MAT E-1 [W] or MAT E-1 [X]	
	- Foundry Weld Procedure [repairs]		A		MAT B-1	
	- CPC attachment weld Procedure		A		MAT A-1	
2	Casing					
	- Incoming inspection			IR		
	- Weld repair procedure [If required]					

A: Approval by customer

IR: Internal record only

S: Review by customer at CPC Plant

O: Observed by customer

V: Verify

C1: Certified document by CPC

C2: Certified document by Sub-Vendor

W: Witness by customer / Hold point

I: Information only

R: Random Inspection or Review

H: Approval prior to ship

Prepared by: T. Vrooman

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No.	Activity description		cust.	CPC	PROCEDURE/REMARK	Rev.
3	Bearing Housing					
4	Cover plate					
	- Incoming inspection			IR		
5	Impeller casting:					
	- Incoming inspection			IR		
	- Final balance			V	4W/N	
6	Pump Shaft					
	- Incoming inspection			IR		
7	Wear Rings					
	- Incoming inspection			IR		
8	Coupling					
	- Incoming inspection			IR		
	Dynamic Balance			V		
9	Coupling Guard					
	The coupling guard shall be non-sparking & OSHA compliant.			V		
10	Seal:					
				V		
11	Seal Flush Plan:					
	[Optional]					

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12	Baseplate					
	Standard steel baseplate			V		
	Baseplate Paint Procedure			V	MAT E-1 [W]	
13	Driver:					
	- Incoming inspection			IR		
	- Dimensional check / report			IR		
	The motor shall accommodate the specific pump design requirements.			V		
14	Hydrostatic Test		C1	V	MAT D-1	
15	Pump Assembly					
	- Record final assembly running clearances		C1	V		
18	Air Leak Test			IR	MAT D-2 [B]	
19	Prep for Shipment			IR		
20	Final Inspection:		C1	IR	QAF-016	

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