Job Information

Job #:	141089			Date:	November 18, 2019
Priority:	—	Authorized OT:	No	Authorized by:	

Customer Information

Name:	VALERO	Motor#:	141089

Name Plate Information

Manufacturer:	CONTINENTAL	Enclosure :	Explosion-proof enclosures (EXPL/	Horsepower/kW:	75
Serial#:	782336	Model#:	NPV505P	Service Factor:	CONT.
Frame:	505p	Rated RPM:	1185	Rated Voltage:	440
Phase:	3	Rated Amps:	90	Cycles:	60
Special design:	No				

AC Electrical Inspection

Megs at reassembly: Good Surge at reassembly: Good Hi-pot reassembly: Good

Winding Resistance Incoming

	Phases A to B	Phases B to C	Phases C to A	Resistive imbalance
Outgoing				

Test Run Inspection

Date November 18, 2019

— I have merged this motor and verified that all electrical tests are complete!

Power Supply

	Phase A	Phase B	Phase C
No Load Voltage	437	438	437
No Load Current	33	34	35

Temperatures: (Degrees Fahrenheit)

Test run ball-bearing motors for 15 minutes.

Test run sleeve bearing motors for 60 minutes.

Temperature rise at the end of test run should be less than 2° every five minutes.

Test Run Inspection (Continued)

Ambient Temp: 70

TIME	DE	Degree Change	ODE	Degree Change
START:	70	0	70	0
5 MIN:	71	1	71	1
10 MIN:	72	1	71	0
15 MIN:	73	1	72	1
20 MIN:				
25 MIN:				
30 MIN:				
35 MIN:				
40 MIN:				
45 MIN:				
50 MIN:				
55 MIN:				
60 MIN:				

Test Run Inspection (Continued)

Vibration Data: In./Sec-Peak **(Readings should be less than .08 In/Sec Peak)**

	Horizontal	VDE	Axial
DE	0.022	0.025	0.016
ODE	0.023	0.026	0.017

Magnetic Center Measurements **(Only Applies to Sleeve Bearing Motors)**

Magnetic Center line distance from shaft shoulder

Magnetic Center line distance from all the way out mark

Magnetic Center line distance from all the way in mark

Total Motor End Float

Additional photos

☑ Yes, the shaft has been isolated for delivery.

Service Tech name: Michael

Service Tech signature: