

### **Job Information**

| Job #:    | 97188 |                |    |                | Date: | September 14, 2020 |
|-----------|-------|----------------|----|----------------|-------|--------------------|
| Priority: | _     | Authorized OT: | No | Authorized by: |       |                    |

# **Customer Information**

Name: A.I.M

Motor#:

# **Name Plate Information**

| Manufacturer: | Siemens | Enclosure : | Totally Enclosed<br>Fan Cooled | Horsepower/kW:  | 18.51LA9166-2BA91<br>-ZT00 |
|---------------|---------|-------------|--------------------------------|-----------------|----------------------------|
| Serial#:      |         | Model#:     |                                | Service Factor: |                            |
| Frame:        | 160L    | Rated RPM:  | 3560                           | Rated Voltage:  | 440/460                    |
| Phase:        | 3       | Rated Amps: | 29.5/28.5                      | Cycles:         | 60                         |

Special design: No

VEST TENNESSE 7030 Ryburn Drive Millington, TN 38053 Phone 901-873-5300 Fax 901-873-5301



# **AC Electrical Inspection**

| Megs at reassem                           | bly: 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 InspectionDateSeptember 14, 2020 |   |                      |               | September 14, 2020      |  |  |
| Yes                                       | I have merged this motor and verified that all electrical tests are complete! |                      |               |                         |  |  |

#### **Power Supply**

|                 | Phase A | Phase B | Phase C |
|-----------------|---------|---------|---------|
| No Load Voltage | 461     | 459     | 460     |
| No Load Current | 7.6     | 6.5     | 7.2     |

### **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.

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### MILLINGTON, TN LITTLE ROCK, AR

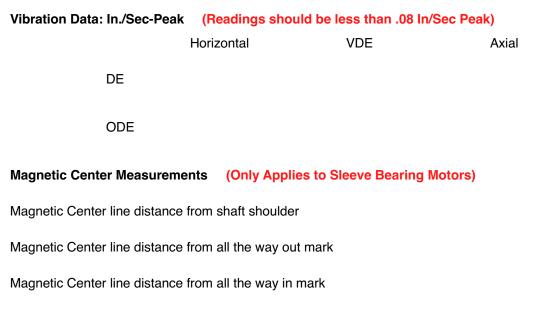
# **Test Run Inspection (Continued)**

#### Ambient Temp:

| TIME    | DE | Degree Change | ODE | Degree Change |
|---------|----|---------------|-----|---------------|
| START:  |    |               |     |               |
| 5 MIN:  |    |               |     |               |
| 10 MIN: |    |               |     |               |
| 15 MIN: |    |               |     |               |
| 20 MIN: |    |               |     |               |
| 25 MIN: |    |               |     |               |
| 30 MIN: |    |               |     |               |
| 35 MIN: |    |               |     |               |
| 40 MIN: |    |               |     |               |
| 45 MIN: |    |               |     |               |
| 50 MIN: |    |               |     |               |
| 55 MIN: |    |               |     |               |
| 60 MIN: |    |               |     |               |



### **Test Run Inspection (Continued)**



Total Motor End Float

### **Additional photos**









Yes, the shaft has been isolated for delivery.

Service Tech name:

Service Tech signature:





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