## Job Information

| | | | | | |
|---|---|---|---|---|---|
| Job #: | 136921 | | | Date: | March 21, 2018 |
| Priority: | 1A Rush/OT | Authorized OT: | Yes | Authorized by: | Neil Adams |

## Customer Information

| | | | |
|---|---|---|---|
| Name: | Hershey Foods-Mphs | Motor#: | |

## Name Plate Information

| | | | | | |
|---|---|---|---|---|---|
| Manufacturer: | Zurrer | Enclosure : | Totally Enclosed Fan Cooled | Horsepower/kW: | |
| Serial#: | 1572003 | Model#: | PFV35/2-0/11MG | Service Factor: | |
| Frame: | | Rated RPM: | 2800/122/1 | Rated Voltage: | 230/400 |
| Phase: | 3 | Rated Amps: | 0.47/0.27 | Cycles: | 50/60 |
| 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 | 46 | 46 | 46 | 0.0 |

## Test Run Inspection

Date March 21, 2018

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 | 474 | 451 | 454 |
| No Load Current | 1 | 1 | 1 |

**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:** 68

| TIME | DE | Degree Change | ODE | Degree Change |
|---|---|---|---|---|
| START: | 68 | 0 | 68 | 0 |
| 5 MIN: | 69 | 1 | 69 | 1 |
| 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)

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

| | Horizontal | VDE | Axial |
|---|---|---|---|
| DE | 0.000 | 0.000 | 0.000 |
| ODE | 0.000 | 0.000 | 0.000 |

**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: Marc Pilgrim

Service Tech signature: