



MILLINGTON, TN

LITTLE ROCK, AR

## Job Information

Job #: 138004

Date: September 13, 2018

Priority: —

Authorized OT: No

Authorized by:

## Customer Information

Name: NUCOR-YAMOTO STEEL

Motor#:

## Name Plate Information

|               |             |             |                             |                 |      |
|---------------|-------------|-------------|-----------------------------|-----------------|------|
| Manufacturer: | GE          | Enclosure : | Totally Enclosed Fan Cooled | Horsepower/kW:  | 200  |
| Serial#:      | P44G5210AXW | Model#:     | 5KE447BS223                 | Service Factor: | 1.15 |
| Frame:        | 447T        | Rated RPM:  | 1780                        | Rated Voltage:  | 460  |
| Phase:        | 3           | Rated Amps: | 222                         | Cycles:         | 60   |

Special design: No

## Mechanical Inspection

Inspect bolt holes and fasteners. Validate correct fasteners.

Shaft Condition: Good

Bearings Retainer: Yes

Type of grounding device:

Bearing DE Size: 6318

Shaft runout(TIR-Inbound): .001

Bearing ODE Size: 6316

Retainer condition: Good

**WEST TENNESSEE**  
7030 Ryburn Drive  
Millington, TN 38053  
Phone 901-873-5300  
Fax 901-873-5301

**CENTRAL ARKANSAS**  
6812 Lindsey Rd.  
Little Rock, AR 72206  
Phone 501-375-9178  
Fax 501-375-4254



MILLINGTON, TN

LITTLE ROCK, AR

## Mechanical Inspection (Continued)

|                                 |         |  |      |
|---------------------------------|---------|--|------|
| Seals DE condition :            | Worn    | Brg. Seats DE:   | Good |
| Seals DE type:                  | Slinger | If DE undersized, amt.:                                  | .000 |
| Seals DE size:                  |         | Brg. Seats ODE:  | Good |
| Seals DE (inbound) condition :  |         | If ODE undersized, amt.:                                 | .000 |
| Seals ODE condition :           | Worn    | Shaft damage:  | OK   |
| Seals ODE type:                 | Slinger |  |      |
| Seals ODE size:                 |         | Bushings/sleeves DE:                                     | Ok   |
| Seals ODE (inbound) condition : |         | Bushings/sleeves ODE:                                    | Ok   |
| Endbell fits/damage:            | Good    | Foot/Flange condition:                                   | Ok   |
| Endbell DE size:                | 7.348   | Foot flatness:   | Pass |
| Endbell DE insulated?:          | No      | Does Air Gap Meet Customer or EASA spec(<10% variation)? |      |
| Endbell ODE size:               | 6.694   |  |      |
| Endbell ODE insulated?:         | No      | Yes  |      |

## Conclusion

Service Tech name: BILLY MAYS

Service Tech signature:

**WEST TENNESSEE**  
7030 Ryburn Drive  
Millington, TN 38053  
Phone 901-873-5300  
Fax 901-873-5301

**CENTRAL ARKANSAS**  
6812 Lindsey Rd.  
Little Rock, AR 72206  
Phone 501-375-9178  
Fax 501-375-4254