

Red Stick Armature Works, Inc.

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SPECIFICATIONS FOR ELECTRIC MOTOR STORAGE

1. SCOPE

- 1.1 These specifications and procedures set forth the requirements of our company for the storage of electric motors.
- 1.2 Our service includes pick-up and delivery to and from your plant during normal working hours.

2. GENERAL

- 2.1 Motors will be stored in a clean, dry storage area. This area will be climate controlled, which is essential to motor insulation life.

3. MOTOR SHAFTS

- 3.1 Once a month, the motor shaft will be rotated a $\frac{1}{4}$ of a turn. This is to ensure that the bearings are not damaged due to rotor weight sitting in the same position, as this can cause flat spots on the bearing races.

4. LUBRICATION

- 4.1 Lubrication will be checked monthly to ensure proper amount and that it does not become contaminated by moisture or foreign substance.

5. MEGGER TEST

- 5.1 A megger test will be performed once a month to ensure the integrity of insulation remains consistent. The readings will be recorded.

6. TESTING

6.1 The following is a list of electric motor checks before storage and before delivery back to client.

- Megger Test
- Surge Comparison Test
- Polarization Index Test
- MCE Standard Test
- Test run until bearing temperature stabilizes
- Observe current readings to ensure balanced load
- Vibration Readings