



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 Quarterly, the motor shaft will be rotated in $\frac{1}{4}$ 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 quarterly to ensure proper amount, and that it does not become contaminated by moisture or foreign substances.

5. MEGGER TEST

5.1 A megger test will be performed annually to ensure the integrity of insulation remains consistent. The reading will be recorded.

6. TESTING

6.1 The following is a list of electric motor checks before storage and before delivery back to the 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
- Vibrations Readings