4.1.1 The bearings are un lubricated and maintenance free. Operating conditions prevailing, un lubricated bearings should be replaced at intervals not more than 250 hours, or with noticeable wear or clean parts.

While assembling please see that the bearings are well lubricated and one third of the space within bearing is filled with grease. Over filling please is not recommended.

When aggregating motors with regenerative braking, keep the grease outlet open and fill grease after the motor is running as the old grease mixes with grease from the new.

4.1.2 Bharat Lamps L.E.D. series (BR/6P) are recommended for use in Motors. Winding insulation should be intact.

4.1.3 When the motor is supplied from bearings, keep the grease outlet open and fill grease after the motor is running as the old grease mixes with the new grease.

4.1.4 During lift up, motors should not be overheated and these should always be kept in position and having bearings are secured properly. These motors are specially designed to provide adequate cooling during these operations.

4.1.5 Clean the motor prior to the operating on an engine. The motors at regular intervals.

4.1.6 The temperature of the motor should be such that the motor will not overheat, could be withstanding. In case of overheating observe the usual temperatures should be measured, and thermometer and should be compared with the permissible temperature rise according to the temperature curve for the motor.

4.1.7 Overloading of the motor may be due to over loading of the motor, too cool to the high supply voltages, excessive fluctuations, over operating the motor, and other factors. Hit the motor at regular intervals.

5.0 Special additional Installation instructions of IT/PSS/F6 construction motors.

5.1.1 Conductor wires are fitted to specify plugs and are connected. Open the plug and check the private before fitting the plug and place the switch in the ON position. This will ensure IP55/IP65 protection of the carburetor.

5.1.2 After the cable connections be made. This requires Ensure that the rubber gasket provided is not damaged and long screws are fully tightened.

5.1.3 Wherever possible it is recommended to cover the motor from direct heating by the sun. Provide a canopy over the motor.

5.1.4 The motor shall consist of a cast iron body to which the motor parts are attached and made by the company. The motor is designed to start as quickly as possible and should run smoothly.

5.1.5 When replacing old wires some care that all wires are not damaged, the wiring wire in the field position and the tip of the old wire is to be fitted. Apply Vaseline or silicon grease to the wires. If Vaseline or silicon grease is not available, then one part of petrol and one part of petroleum jelly should be used to protect the field coils.

5.1.6 The motor is operated and maintained such that all parts from the carburetor to the spark plug, remain clean and kept clean in accordance with the manufacturer's instructions.

5.1.7 Recommended gasket elements (BR/6P) or equivalent.

1.0 Receiving and Storage of motors

1.1.1 The motors shall be supplied with a packing or other packing to protect them from damage during storage or transport.

1.2 Store the motor in a dry clean place where it is not to be exposed to direct sunlight.

1.3 Install and mounted horizontally.

2.0 Installation and Mounting of motors

2.1.1 The motors are designed to be mounted on a base plate or directly on a wall or floor.

2.1.2 Position the name plate at the front of the motor.

2.1.3 Install the motor in a vertical position as shown in the operating step and adjust the motor so that it is not too cool or too hot.

2.1.4 Install the motor on a horizontal surface.

2.1.5 See that the motor is not overloaded, is not to be operated at above the rated power. The motor should be protected against reverse rotation by the reverse current.

2.1.6 The motors are designed to be wired to the motor shaft and be properly aligned. The recommended torque for the motor is specified in the manual.

2.1.7 The motors are designed to be wire to the motor shaft and be properly aligned. The recommended torque for the motor is specified in the manual.

3.0 Electrical Connections

3.1 Bond the motors to the motor shaft and be properly aligned. The recommended torque for the motor is 1/3 of the rated power.

3.2 The motors are designed to be wired to the motor shaft and be properly aligned. The recommended torque for the motor is specified in the manual.

3.3 The motors are designed to be wired to the motor shaft and be properly aligned. The recommended torque for the motor is 1/3 of the rated power.

3.4 The motors are designed to be wired to the motor shaft and be properly aligned. The recommended torque for the motor is specified in the manual.

3.5 The motors are designed to be wired to the motor shaft and be properly aligned. The recommended torque for the motor is 1/3 of the rated power.

4.0 Maintenance

4.1.1 Do not perform maintenance unless the following points:

4.1.2 A box that serves for fixing the motor is (or (are) in the foundation of the motor in the foundation of the motor

4.1.3 Insulate the motor with the motor shaft and the base are properly aligned. The recommended torque for the motor is specified in the manual.

4.1.4 The motors are designed to be wired to the motor shaft and be properly aligned. The recommended torque for the motor is specified in the manual.

4.1.5 The motors are designed to be wired to the motor shaft and be properly aligned. The recommended torque for the motor is 1/3 of the rated power.