

- K. Rating plate information, as detailed in BS 4999 Part 101 or equivalent shall be embossed on a metallic, corrosion-resistant rating plate fixed to the motor casing.
- L. The motor and all components shall be rated and braced to withstand the maximum prospective fault level at the point of installation as detailed by the Contract.
- M. Unless required by the Contract, motors shall have a maximum speed corresponding to 4 pole construction at 50Hz. Where super synchronous operation is required, full details of the motor capability at maximum speed shall be advised.

1.3.8 Starting Current Requirements

- A. The motor shall be selected to satisfy the performance requirements and shall also comply with the Abu Dhabi Distribution Company (ADDC) starting current restrictions, as detailed in the specification.

1.3.9 Construction

1.3.9.1 Motor Enclosures

- A. Motor enclosures shall be selected from BS EN 60034-5 as follows:-
 - a. For submersible applications the enclosure shall be IP68 and be capable of being continuously submersed to a depth of at least 2 metres greater than the maximum immersion depth of the application. Where such motors are to be installed in an area designated as potentially explosive then it shall have the appropriate BASEEFA/CENELEC or other similar National Testing Organisation Certification. Copies of the Certificates shall be submitted.
 - b. For indoor applications the enclosure shall be to IP54 of BS EN 60034-5. Immersible pumps that are to be installed in dry wells shall be to IP 68 of BSEN60034-5.
 - c. For outdoor application the enclosure shall be to IP55 of BS EN 60034-5. A certificate shall be issued by the manufacturer certifying the motor suitability for the out door application, in the service conditions as described in this specification.
 - d. For high voltage motors the enclosure shall be protected to IP55 of BS4999 Part 105.