

### 1. General

Preservation of the environment and conservation of resources is one of the top priorities for Electromote (Pty) Ltd.



Below you will find our recommendations and guidelines for disposal and recycling of our products in the environmentally friendly manner after they have come to the end of their useful life.

### 2. Preparations

The motor removal and dismantling is to be carried out by qualified personnel trained in electrical and mechanical handling and disposal and recycling of electrical components.

- It needs to be decided how the motor will be disposed of and recycled prior to its removal from the site.
- General safety rules must be observed at all times.
- All electrical connections and cabling must be removed from the electric motor.
- Liquids such as oils, greases, coolants, etc. (if present) must be properly collected and disposed of.

### 3. Dismantling

The motor needs to be transported to a location suitable for its dismantling. The electric motor can then be disassembled whilst general mechanical procedures of disassembly are followed.

### 4. Disposal and recycling

#### Main components

Electric motors consist mostly of metal parts, which are almost fully recyclable. The components are divided into categories:

- Steel and iron
- Non-ferrous metals
- Aluminium
- Cables
- Electrical scrap
- Insulation materials
- etc.

#### Process material and chemicals

The process material and chemicals can be classified and disposed of/recycled as follows:

- Oil
- Grease
- Paint residues
- etc.

The different materials must be disposed of or recycled whilst observing the local regulations. Disposal/recycling can also be done by a specialized company

#### Packaging

Consult a specialist packaging disposal/recycling company if in doubts.

- Wooden packaging for sea transport contains impregnated wood. Local regulations must be observed during the disposal/recycling.
- The foil used for water-proof packaging is an aluminium composite foil, which can be recycled. Contaminated foil must be disposed of through waste incineration.
- Wooden packaging are heat treated and may also be impregnated. Local regulations must be observed during the disposal/recycling.