



M1.2 - Detail Training on Service and Maintenance Aspects of SEW Motors and Brake system

SEMINAR DESCRIPTION

The seminar is mainly geared towards electrical maintenance staff that service or repairs SEW motors and brakes on a daily basis. Focal points are an introduction to the different types of motors and suitable brake and brake controls and to give detail maintenance information with which they can identify the cause of the fault replace the spare parts and ensure correct disassembly and subsequent assembly of the motor & brake to reduce the machine downtime.

Why this course? –

To improve and to enhance SEW product knowledge in terms of service and maintenance so that unexpected shut downs can be minimized and further higher productivity can be achieved, this is a definite advantage, since the training combines the manufacturers expertise with customer specific requirement in terms of service.

Target group: - Maintenance and repair engineers

Seminar Objectives : The participants

Knows basic maintenance and repair aspects of SEW motors and brake system and can be able to handle replacement of all the parts of SEW motors and can also do the adjustment in brake system independently.

Can find out the fault, determine the cause of failure and reassembled the motor correctly.

Benefits :

Improve Gear motor performance & enhancement of maintenance Knowledge of all kind of SEW mechanical products , reduce the cost of Ownership and stay competitive in the industry.

Requirements: Service/ Maintenance engineer, qualified technician, electro mechanic or Electrician

Location: SEW Training hall

Duration: 1 day

Language: English / Hindi

Max. No. of participants: 5 to 6

Note : We also design product and service training courses to suit individual customer requirements

- **Contents training program**

- ❖ **Training on SEW AC motors**

- **Theoretical/ Classroom training**

- Active motor range and basic structure
- Identification of Motor designation
- Study of Pinion spigot and bearings size w.r.t frame sizes
- Study of Insulation classes & IP enclosures
- Information on SEW brake control system
- Information on SEW brake maintenance kit
- Information on SEW brake and without brake motor repair kit

- **Practical/ Shop floor training**

- Motor & brake testing parameters
- Practical training on disassembly and assembly of one without Brake and with brake motor
- Information on various maintenance aspects and do's & don'ts during motor maintenance
- Adjustment of brake air gape
- Changing of brake disc, brake torque etc