



Training Description

Project Planning for Non-Controlled Drives (DOL)

This training is for anybody involved in projecting and selecting drives direct on Line (DOL). The specific factors for mains-operated gearmotors are taken into account. The training focuses on the selection notes and the project planning tool in the SEW workbench. The participants should have a good knowledge about SEW Gearmotor with brake

Target group: Design engineers, project planners

Seminar objectives:

Participants:

- know about the impact of the SEW service factor
- are able to dimension a gearmotor with a brake

Contents:

- Basic movements of drive technology
- Overview of the different drive systems
- Project planning for (hoist, travel drive, conveyor, turntable)
- Example of a project planning and selection of a simple drive with thermal and mechanical dimensioning considering
 - Start-up, brakes and cycle time
 - Speed selection
 - Starting frequency
 - Ambient conditions
 - SEW brake system
- Using project planning helps
- Project planning with SEW workbench
- Practical examples
- Using documentation provided by SEW

Requirements: Basic knowledge of physics
Technical calculator

Methods: Educational dialogs, practical exercises

Location: SEW Melbourne

Duration: 2 days