



As part of our ongoing improvement program, Zeefax have introduced a whole new training experience, to take place at our research, development and production facility, located in Bracknell, near London. The already popular courses have now been augmented with much more practical and hands on work, which it is hoped will provide a much more real life training experience.

Course Objectives

A practical oriented course suitable for technicians and Engineers who are responsible for commissioning, maintaining and fault finding on industrial plant s which utilise Variable Speed Drives. The course gives practical hands on experience in connecting, wiring, parameter setting and fault finding on Variable Speed Drives.

Course programs and content may be tailored for specific requirements and needs, but this course will be based around the Siemens Micro Master 440 Drives. Please make sure that this program meets your needs before registering.

Course Content

- How an Induction motor works
- Star Delta connections
- How frequency affects the speed of motors
- How a Variable Speed Drive works
- Wiring a VSD to the main supply and the motor
- MCB, Contactors, filters and chokes
- Speed/Torque Characteristics
- Speed/Voltage Characteristics
- Wiring the external controls
- Setting and Changing VSD parameters
- Connecting and operating a drive with a Programmable Logic Controller



Aims of the VSD Course

At the end of the course delegates will have a good understanding of how variable speed drives work, safe wiring practice, how to set and change drive parameters and drive fault finding techniques.

Zeefax Experience

For more than 30 years, Zeefax has built an enviable reputation on its ability to provide excellent and reliable electrical and mechanical engineering services and solutions to the Drilling industry in many countries around the world. This experience, combined with a well-trained, highly skilled and motivated multi-disciplined workforce, based at our own fully equipped manufacturing facility in the South of England, means that we are the one-stop-shop in the UK for all electro-mechanical projects, targeted mainly at the Drilling and associated sectors.

Contact us

For all Hill Graham services and manufactured parts, **Zeefax** is now the preferred supplier worldwide, as well as providing a host of other related Drilling services including...

- ◆ Site Surveys and Field Service Support
- ◆ Coordination Studies
- ◆ GE752 Drive Motor Refurbishments
- ◆ SCR Refurbishments and Enhancements
- ◆ New design and build SCR systems – VFD and DC Systems
- ◆ SCR and PLC Training Courses
- ◆ Spare and Service for Ross Hill SCR Systems and Modules

Please call us to find out more about how we can help to preserve your capital investment, through a program of works, carefully designed to optimise the utility and the performance of your Power System, whilst ensuring that it provides a reliable and dependable operation for all your drilling applications.



Zeefax inc.

6049 Keller's Church Road, Pipersville, PA 18947
Tel: +1 215 230 5500
Email: ussales@zeefax.com

Zeefax Limited

320 King Street, London, W6 ORR, ENGLAND
Tel: +44(0) 20 8748 7808
Email: uksales@zeefax.com