

Building on the popularity of our training program, we continue to develop and enhance our SCR courses, to ensure that they remain current and relevant for rig operators and maintenance personnel. Our lecturers are highly experienced SCR engineers, with decades of practical field experience and the classroom sessions are combined with practical and hands on elements, further enhancing the whole training experience.

The courses are held at our modern research, development and production facility, located in Bracknell, near London,.

### Intermediate / Advanced SCR Training Course

The **Intermediate / Advanced SCR Training** course is ideally suited for senior rig electricians and instrument technicians, who have a good understanding of electrical theory as well as some prior experience with drilling SCR systems, and also have a working knowledge of analogue electronics and engineering process control.

#### Who will benefit?

This course is ideal for those who have previously attended an SCR training course, but who now require a refresher, and wish to enhance their knowledge. Students should be aware students should be aware that the focus is primarily on the Hill Graham® and Ross Hill type SCR systems, which can differ from other manufacturer's systems. Therefore, please ensure that the course meets your individual needs before registering.

#### Objectives

The essential concepts (as covered in the Basic course) will be quickly revised and following this, the emphasis will be on system Tuning and Regulation, with more detailed study of the electronics and some fault finding of the modules and cards to component level.

#### Course Content

- ◆ Basics of Rectification
- ◆ DC Motor Control Modules
- ◆ Engine and Generator Controls
- ◆ AC Control Modules
- ◆ Auxiliary Circuits and Systems
- ◆ SCR System Assignment Logic
- ◆ Practical Troubleshooting Sessions
- ◆ Q&A



#### Aims of the Training Courses

At the end of the course, engineers and technicians will have superior knowledge to exceed the basic requirements, and to confidently carry out more advanced fault finding and maintenance on Ross Hill and Hill Graham® type drilling SCR systems down to electronic component level.

## Zeefax Experience

Since 1980, **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
- ◆ Spares and Services 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.



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