

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.

Basic / Intermediate SCR Training Course

The **Basic / Intermediate SCR Training** course is ideally suited for both novice and experienced rig electricians, who have a good understanding of electrical theory, but have little or no prior knowledge or familiarity of working with any type of drilling SCR system.

Who will benefit?

The generic nature of this SCR Training Course will be of interest to all users of SCR systems, but 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 course provides some basic understanding of the operation of this type of SCR System, including fault recognition, troubleshooting, routine maintenance, first-aid and calibration techniques, all aimed at restoring operation quickly when needed.

This course focuses on the essential concepts, aimed at identification of a faulty sub-system or electronic card, while avoiding detailed involvement with the electronic circuits themselves, where maintenance is based on changing out the faulty item rather than detailed fault finding.

Course Content

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



Course Aims

At the end of the course, students will have the knowledge and confidence necessary to be able to repair and maintain drilling SCR systems in a safe and competent manner.

An **Intermediate / Advanced** course is also available which develops all of these topics and also includes a study of the Basic Electronics used in SCR systems.

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 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.



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