

**PLC TRAINING**

**BMA BLACKWATER**

**Project Overview:**

Automation IT was contracted to supply training in Cimplicity Machine Edition to 20 electrical staff from the BMA Blackwater Coal Mine.

The courses consisted of four groups of five with each course run over a 10 hour day.



**Details:**

Cimplicity Machine Edition Course - 1 day

The course provided a general overview of the Cimplicity Machine Edition programming software. The new features of Machine Edition were explained in more detail.

The main course outline included:

Introduction to PLC's

- Basic PLC fundamentals
- 90-30 PLC Code & Instruction Set
- Machine Edition overview – Optional Video Cimplicity Machine Edition
- Navigation
- Features of ME Tutorial
- Creating a project
- Configuring PLC Hardware
- Configuring a communication connection
- Developing logic
- ME Toolchest
- Working with variables
- Offline/Online interfacing to PLC Lab exercises
- Motor jog/run controller
- Motor forward/reverse controller
- Pipeline pumping station



***RX3i***

- Due June 2004

