



Sample Project: Definition and implementation of control system for cryogenic test area

Code	TE4126
Programme	FCT
Department	TE
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Title

Definition and implementation of control system for cryogenic test area

Description

CERN is currently building a cryogenic test facility for testing large superconducting devices and associated equipment. The cryogenic infrastructure will be upgraded and a new control system will be required (Electrical hardware, PLC and SCADA, Commissioning). In order to fulfil the proposed mission, the candidate will have to learn and apply several specific technologies on cryogenics processes, on industrial control systems (CERN/UNICOS), on low voltage cabinet development and on industrial instrumentation

Skills

PLC programming, electro-technical knowledge and general informatics

Disciplines

Electrical Engineering

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