SIEMENS

Field Service CALOMAT OXYMAT ULTRAMAT FIDAMAT Operation and maintenance (SC-S-CGA1)

Kurzbeschreibung

Field Service Calomat, Oxymat, Ultramat, Operation and Maintenance SC-S-CGA1

Ziele

Start up, maintenance, operation, repair, failure diagnostics
Maintenance software Siprom GA and parameter settings
Practical exercises in the laboratory

Zielgruppe

Service personnel, operators, users, commissioning engineers, configuring engineers, project managers, project team members, Siemens after sales service force for PD PA AP, as well as external service channels for PD PA AP products, Solution Partner

Inhalte

ULTRAMAT 23 (day 1 and 2)
- IR absorption NDIR, Micro Flow Sensor, IR active gases
- Single beam IR cells, sensitivity
- Optical cell, disassemble and clean
- Oxygen, electrochemical cell

ULTRAMAT 6
- IR absorption NDIR principle, Micro Flow Sensor
- IR active gases, double beam IR cells
- Phase adjustment, optical alignment
- Optical cell, disassemble and clean
- Networking with Calomat 6

OXYMAT 6 / 61
- Para magnetism and oxygen measurement
- Micro Flow Sensor, reference gases, measuring ranges
- Maintenance of the measuring cell

OXYMAT 64
- Sample pressure and flow, sensors, x-interference, temperature regulation

CALOMAT 6
- Supply gases, warm up, diagnosis
- Nozzle, capillaries, thermo conductivities of gases, thermistor
- Exchange detector
- Networking with Ultramat 6 for x-interference and types of correction
- Turbo Generator application and types of correction, turbo generator application

Teilnahmevoraussetzung

Basic knowledge in process analytics
General knowledge of electrical engineering

Hinweise

Typ

Präsenztraining

Dauer

5 Tage

Sprache

en