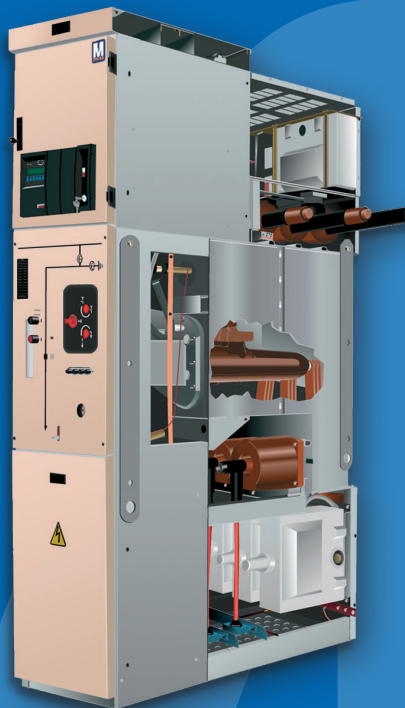




CBGS-1 Primary GIS Switchgear



Operations & Maintenance

Duration:

- 7,30 hours

Contents:

- CBGS-1 Cubicle General Presentation
 - Main Characteristics
 - 3 position disconnector
 - Circuit Breaker
 - Busbar system
 - CT & VTs
 - Functional Units
- SF6 General Knowledge
- CBGS-1 Cubicles Maintenance
- Electrical diagrams
- Operations with CBGS-1 cubicles
- Site Assembly of CBGS-1 cubicles
- Visit to CBGS-1 cubicles assembly line

CBGS-1 Primary GIS Switchgear



Timing	Subjects	Responsible
8 h 30 – 8 h 45	Welcome and program preview	Pedro Iribar
8 h 45 – 10 h 15	CBGS-1 cubicle general presentation Main Characteristics 3 position Disconnecter Circuit breaker Busbar system CT & VTs Functional Units	Pedro Iribar
10 h 15 – 10 h 30	Coffee break	
10 h 30 – 11 h 00	SF6 general knowledge What is it SF6 and global warming SF6 & internal arc	Pedro Iribar
11 h 00– 11 h 30	Maintenance of CBGS-1 cubicles SF6 control Disconnectors Circuit breaker	Pedro Iribar
11 h 30 – 12 h 15	Electrical diagrams One line diagrams Detailed diagrams Bill of materials 24h After-sales Service	Pedro Iribar
12 h 15 – 13 h 00	Operations with CBGS-1 cubicles Energize De-energize Earthing De-earthing (Video – animation)	Pedro Iribar
13 h 00– 14 h 15	Lunch	
14h 15 – 15 h 30	Factory visit CBGS-1 Assembly Line	Pedro Iribar
15 h 30 – 16 h 15	Operations with CBGS-1 cubicles (Demo unit)	Pedro Iribar
16 h 15 – 17 h 15	Site Assembly of CBGS-1 cubicles Mechanical assembly Busbar assembly Site tests	Pedro Iribar
17 h 15 – 17 h 30	Training closure	Pedro Iribar