

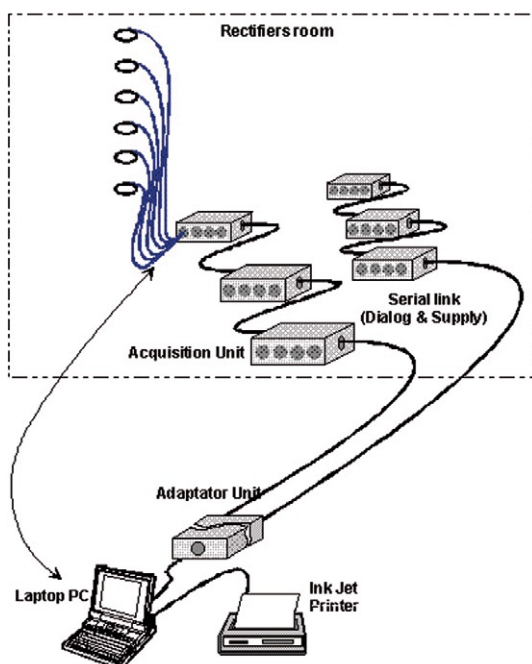
Current Distribution on High Power Rectifiers

Power Electronics
Service



Diagnosis equipment to identify weak elements

Unsymmetrical current distribution on High Power Rectifiers results in an accelerated ageing process of semiconductors and fuses.



Benefits:

- Detailed report on the condition of your rectifier
- Recommendations for corrective actions increasing the reliability of the system
 - Selective exchange of suspect semiconductors and fuses
 - Complete exchange of all semiconductors and fuses
 - Implementation of suitable components for improving the current distribution
 - Replacement of the whole High Power rectifier
- Facilitates investment planning

- Product Lifecycle Services
- Installation & Commissioning
 - Training
 - Support & Remote Services
 - Spare Parts & Repairs
 - Maintenance & Field Services
 - Migration & Retrofits
 - Optimization



ABB

This service is available for equipment of any brand

Scope of Supply

- Use of current distribution measurement unit COPORE 192
 - 192 synchronous channels
 - real time measuring system
 - Survey / measurements on site
 - Reporting
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Information to be supplied by the customer prior to a quotation

- Photographs of the unit
 - Dimensional drawings
 - Number of semiconductors
 - Nominal current / voltage (see nameplate)
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Pre-conditions for execution, required customer support

- High Power Rectifier isolated for the installation of the measurement unit
 - High Power Rectifier available for operation at different loadsteps
 - The availability of 2 electricians to assist (installation of equipment)
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