COURSE DESCRIPTION

CHJ251 – FOCS
Level 1

Course goal
The Fiber-Optic Current Sensor (FOCS) is a revolutionary current measurement device based on optical components. The outstanding accuracy under various ambient conditions implies that the sensor has to be installed with care.

Main learning objectives
The course leads to Level 1 certification on FOCS which allows the participant to install and start-up the sensor on our behalf.

Participant profile
This training is targeted to application, test, service and commissioning engineers.

Prerequisites
Basic knowledge of electronics and personal computer knowledge is required.

Topics
Lectures:
— Theoretical product introduction
— Overview of product documents and user’s manual
— Handling hints for sensor

Exercises:
— Unpacking of equipment
— Inspection of equipment
— Installation of sensor head
— Laying of optical cable
— Installation of sensor electronics
— Putting into operation
— Testing of sensor
— Installation and test report

Course type and methods
— Lectures and presentations
— Demonstrations
— Exercises

Duration
The duration is 2 days.

Remarks
This course takes place in our offices in Turgi, Switzerland.

Custom-tailored and on-site training courses are offered on request.
## Course map

<table>
<thead>
<tr>
<th>DAY 1</th>
<th>DAY 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Welcome, personnel introduction</td>
<td>Review day 1</td>
</tr>
<tr>
<td>Course introduction</td>
<td>Routine test report</td>
</tr>
<tr>
<td>Product presentation</td>
<td>Installation and commissioning</td>
</tr>
<tr>
<td>Product configuration</td>
<td>Exercises in 2 groups</td>
</tr>
<tr>
<td>Accessories and options</td>
<td>Solutions of exercises</td>
</tr>
<tr>
<td>Manual</td>
<td>Questions and answers</td>
</tr>
<tr>
<td>Standard circuit diagram</td>
<td>Evaluation</td>
</tr>
<tr>
<td></td>
<td>Course close</td>
</tr>
</tbody>
</table>

### Time

<table>
<thead>
<tr>
<th>DAY 1</th>
<th>DAY 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00 am – 5:00 pm</td>
<td>9:00 am – 5:00 pm</td>
</tr>
</tbody>
</table>

Typical course layout (time or sequence may change)