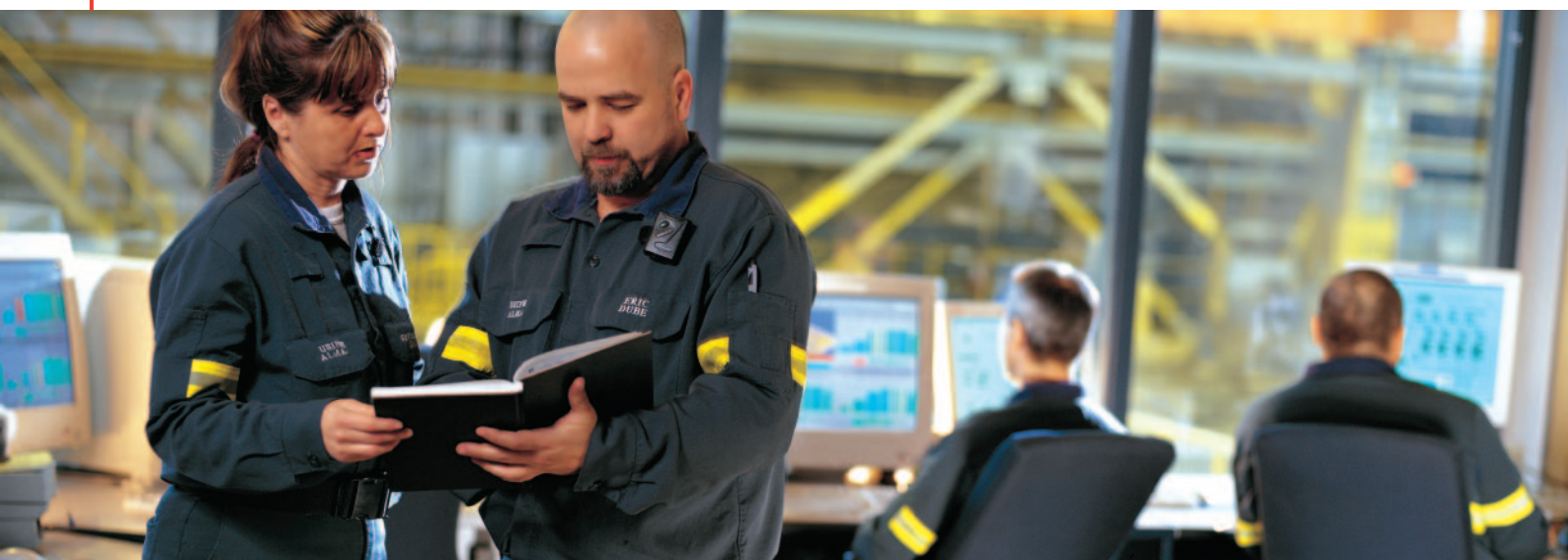


# AP Technology™

## Training – Institut Paul Héroult Optimise your AP Technology™ solution



Created in 1989 for AP Technology™ users, Institut Paul Héroult (IPH) is a world-renowned training facility for smelter managers, supervisors and staff. The institute is named after the 19th-century inventor of the aluminium reduction process.

To maximise operational performance, production personnel must fully understand your smelter's processes and techniques.

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## Every year, more than 700 trainees take advantage of our advanced IPH training techniques.

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The IPH organises training programmes tailored to suit all requirements, effectively transferring Rio Tinto Alcan's in-depth knowledge and skills. With their extensive industrial experience, IPH trainers employ an original teaching method that focuses on understanding the practical aspects of a smelter's technical processes. Qualified trainers coach small groups, alternating between theoretical lessons in the classroom and practical training in workshops. Training takes place either at a Rio Tinto Alcan smelter or the licensees' premises.

### At the Institut Paul Hérault, we provide:

- Assistance with training needs analysis associated with technology transfer projects
- Highly structured modular training that covers all areas of a smelter
- Training modules constantly updated to fully leverage our technical expertise
- Highly experienced instructors with in-depth experience in operating and starting up industrial facilities
- Theoretical lessons and practical exercises in classrooms
- Practical sessions in smelter workshops

The IPH training modules are part of our AP Technology™ offer, the industry's most comprehensive smelter technology and services package.

### IPH today (January 2013)

Days of training since 2000	3,024 days
Trainee days since 2000	24,775 days
Total number of training modules	121 modules

### Breakdown of training modules delivered by IPH

Electrolysis (Reduction and Potlining)	49
Casting	8
Carbon (Anodes)	32
Environment – Scrubbing	12
Sub-station (Electricity/Automation)	8
Materials Handling and Storage	5
Analytical Technologies (Laboratory)	7
<b>TOTAL</b>	<b>121</b>

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