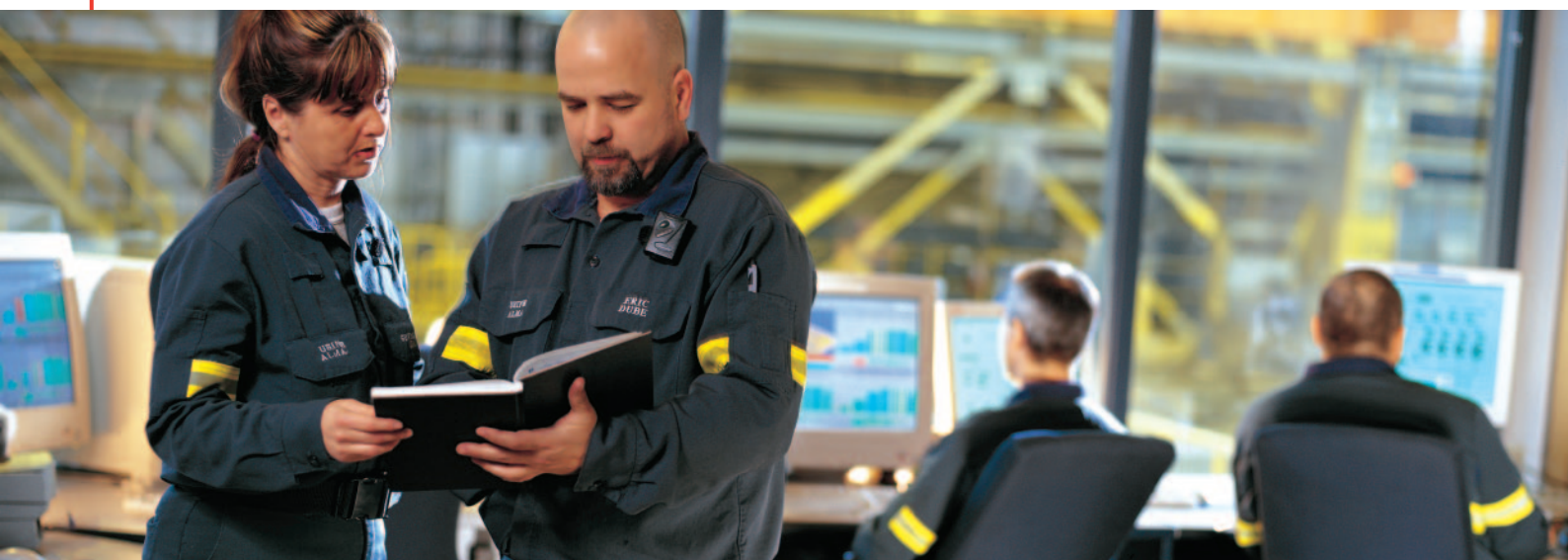


AP Technology™

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.

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

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
TOTAL	121

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