

ABB University Switzerland / Learning Center Cement, Minerals and Mining

References - Training Collaborative Production Management

Africa

	Customer	Course name	Type	Location
Algeria	Société des Ciments Hamma Bouziane	Expert Optimizer - Adv.EO toolkit engineering &troubleshooting	Product course	Baden-Daettwil CH
Algeria	Société des Ciments Hamma Bouziane	Expert Optimizer - Fundamentals	Product course	Baden-Daettwil CH
Egypt	Lafarge Cement Egypt	Knowledge Manager - Application engineering	Product course	Baden-Daettwil CH
Morocco	Ciment de l'Atlas (Cimat)	Knowledge Manager - Application engineering	Product course	Baden-Daettwil CH
Morocco	Holcim (Maroc) S.A.	Expert Optimizer - Fundamentals	Product course	Baden-Daettwil CH
Mozambique	VALE	Knowledge Manager - Application engineering	Product course	Mozambique on-site
South Africa rep of	AfriSam (South Africa) (Pty) Ltd.	Laboratory information management system	Product course	South Africa on-site
South Africa rep of	AfriSam (South Africa) (Pty) Ltd.	Expert Optimizer - Adv.EO toolkit engineering &troubleshooting	Product course	Baden-Daettwil CH
South Africa rep of	AfriSam (South Africa) (Pty) Ltd.	Expert Optimizer - Fundamentals	Product course	Baden-Daettwil CH
South Africa rep of	AfriSam (South Africa) (Pty) Ltd.	Knowledge Manager - Application engineering	Product course	South Africa on-site

Asia

	Customer	Course name	Type	Location
China	Huaxin (Huangshi) Cement Co. Ltd.	Knowledge Manager - LIMS application	Product course	Beijing CN
India	Dalmia Cement (Bharat) Ltd.	Laboratory information management system	Product course	Bangalore India
Indonesia	PT Holcim Indonesia Tbk	Knowledge Manager - Application engineering	Product course	Indonesia on-site
Indonesia	PT Semen Tonasa (Persero)	Knowledge Manager - Application engineering	Product course	Baden-Daettwil CH

Lebanon	Holcim (Liban) S.A	Knowledge Manager and LIMS - Application engineering	Product course	Baden-Daettwil CH
Oman	Oman Cement Company	Knowledge Manager and LIMS - Application engineering	Product course	Baden-Daettwil CH
Oman	Vale Oman Pelletizing Company L.L.C	Knowledge Manager - Application engineering	Product course	Baden-Daettwil CH
Philippines	Holcim Philippines, Inc.	Knowledge Manager and LIMS - Application engineering	Product course	Manila, Philippines
Saudi Arabia	Riyadh Cement Company (RCC)	Expert Optimizer - Developer toolkit	Product course	Baden-Daettwil CH
Thailand	Siam City Cement Public Co., Ltd.	Expert Optimizer - Kiln/cooler strategy	Product course	Baden-Daettwil CH
Thailand	Siam City Cement Public Co., Ltd.	Expert Optimizer - Fundamentals	Product course	Baden-Daettwil CH

Europe

	Customer	Course name	Type	Location
Belgium	Holcim Belgium	Knowledge Manager - LIMS application	Product course	Baden-Daettwil CH
Belgium	Holcim Belgium - La Hulpe	Knowledge Manager - LIMS application	Product course	Baden-Daettwil CH
Finland	ABB Oy	Expert Optimizer - Developer toolkit	Product course	Helsinki FI
Finland	Finnsementti Oy	Expert Optimizer - Fundamentals	Product course	Baden-Daettwil CH
Finland	Finnsementti Oy	Expert Optimizer - Kiln/cooler strategy	Product course	Baden-Daettwil CH
France	Groupe SNEF	Knowledge Manager - LIMS application	Product course	Baden-Daettwil CH
France	Holcim (France) S.A.	Laboratory information management system	Product course	France on-site
France	Holcim (France) S.A.	Holcim workshop	Customized	France on-site
France	Holcim (France) S.A.	Knowledge Manager - Application engineering	Product course	France on-site
France	Holcim (France) S.A.	Knowledge Manager - LIMS application	Product course	Baden-Daettwil CH
France	ICER	Knowledge Manager - LIMS application	Product course	Baden-Daettwil CH
France	Orsima, Groupe CRH	Knowledge Manager - LIMS application	Product course	Baden-Daettwil CH
Germany	Dyckerhoff AG	Expert Optimizer - Developer toolkit	Product course	Baden-Daettwil CH
Germany	Dyckerhoff AG	Expert Optimizer - Fundamentals	Product course	Baden-Daettwil CH
Germany	Dyckerhoff Zement GmbH	Expert Optimizer - Developer toolkit	Product course	Germany on-site
Germany	Holcim (Deutschland) AG	Knowledge Manager and LIMS - Application engineering	Product course	Baden-Daettwil CH
Germany	Holcim (Sueddeutschland) GmbH	Expert Optimizer - Developer toolkit	Product course	Baden-Daettwil CH
Germany	Märker Zement GmbH	Knowledge Manager - Application engineering	Product course	Baden-Daettwil CH

Germany	ThyssenKrupp Industrial Solutions AG	Expert Optimizer - Fundamentals	Product course	Baden-Daettwil CH
Germany	ThyssenKrupp Industrial Solutions AG	Expert Optimizer - Adv.EO toolkit engineering &troubleshooting	Product course	Baden-Daettwil CH
Ireland	CRH Europe Materials	Laboratory information management system	Product course	Baden-Daettwil CH
Ireland	CRH Europe Materials	Knowledge Manager and LIMS - Application engineering	Product course	Baden-Daettwil CH
Ireland	CRH Europe Materials	Expert Optimizer - Adv.EO toolkit engineering &troubleshooting	Product course	Baden-Daettwil CH
Ireland	CRH Europe Materials	Expert Optimizer - Fundamentals	Product course	Baden-Daettwil CH
Ireland	Irish Cement Limited	Expert Optimizer - Adv.EO toolkit engineering &troubleshooting	Product course	Baden-Daettwil CH
Ireland	Irish Cement Limited	Expert Optimizer - Fundamentals	Product course	Baden-Daettwil CH
Italy	Buzzi Unicem S.p.A.	Expert Optimizer - Developer toolkit	Product course	Baden-Daettwil CH
Italy	BUZZI UNICEM SPA - Cementeria di Vernasca	Expert Optimizer - Developer toolkit	Product course	Italy on-site
Italy	Salov S.p.A.	Knowledge Manager - Application engineering	Product course	Baden-Daettwil CH
Norway	Norcem A.S.	Expert Optimizer - Developer toolkit	Product course	Baden-Daettwil CH
Russia	Holcim	Knowledge Manager - LIMS application	Product course	Baden-Daettwil CH
Spain	CEMEX España	Knowledge Manager and LIMS - Application engineering	Product course	Spain on-site
Spain	Holcim (España) S.A.	Knowledge Manager and LIMS - Application engineering	Product course	Spain on-site
Sweden	Nordkalk AS	Expert Optimizer - Developer toolkit	Product course	Baden-Daettwil CH
Sweden	Nordkalk AS	Expert Optimizer - Fundamentals	Product course	Baden-Daettwil CH
Sweden	Rejlers Ingenjörer AB	Knowledge Manager and LIMS - Application engineering	Product course	Baden-Daettwil CH
Switzerland	Holcim Group Support Ltd	Expert Optimizer - Developer toolkit	Product course	Baden-Daettwil CH
Switzerland	Holcim Technology Ltd	Expert Optimizer - Developer toolkit	Product course	Baden-Daettwil CH
Switzerland	Jura Cement Fabriken	Expert Optimizer - Adv.EO toolkit engineering &troubleshooting	Product course	Baden-Daettwil CH
Switzerland	Jura Cement Fabriken	Expert Optimizer - Developer toolkit	Product course	Baden-Daettwil CH
Switzerland	Jura Cement Fabriken	Expert Optimizer - Fundamentals	Product course	Baden-Daettwil CH
Turkey	Aslan Cimento AS	Expert Optimizer - Adv.EO toolkit engineering &troubleshooting	Product course	Baden-Daettwil CH
Turkey	Aslan Cimento AS	Expert Optimizer - Fundamentals	Product course	Baden-Daettwil CH
Turkey	Bursa Cimento Fabrikasi AS	Expert Optimizer - Developer toolkit	Product course	
Turkey	Bursa Cimento Fabrikasi AS	Expert Optimizer - Fundamentals	Product course	

Turkey	Nuh Cimento Sanayi AS	Expert Optimizer - Fundamentals	Product course	Baden-Daettwil CH
Turkey	Unye Cimento ve Tic A.S.	Expert Optimizer - Adv.EO toolkit engineering &troubleshooting	Product course	Baden-Daettwil CH
Turkey	Unye Cimento ve Tic A.S.	Expert Optimizer - Fundamentals	Product course	Baden-Daettwil CH
Ukraine	PJSC Podilsky Cement	Knowledge Manager - Application engineering	Product course	Baden-Daettwil CH

N.- America

	Customer	Course name	Type	Location
Canada	St Marys Cement Company / Votorantim Cimentos	Expert Optimizer - Fundamentals	Product course	Baden-Daettwil CH
Canada	St Marys Cement Company / Votorantim Cimentos	Expert Optimizer - Adv.EO toolkit engineering &troubleshooting	Product course	Baden-Daettwil CH
Canada	St Marys Cement Company / Votorantim Cimentos	Expert Optimizer - Developer toolkit	Product course	Baden-Daettwil CH
USA	Holcim (US) Inc.	Knowledge Manager - LIMS application	Product course	Holcim offices USA

Oceania

	Customer	Course name	Type	Location
Australia	Cement Australia	Knowledge Manager - Application engineering	Product course	Australia

S.- America

	Customer	Course name	Type	Location
Brazil	Rio Paracatu Mineração S/A	Knowledge Manager - Application engineering	Product course	Brazil on-site
Brazil	Vale	Knowledge Manager - Application engineering	Product course	Brazil on-site
Chile	IMA Industrial Ltda	Knowledge Manager and LIMS - Application engineering	Product course	Baden-Daettwil CH
El Salvador	Holcim El Salvador S.A. de C.V.	Expert Optimizer - Developer toolkit	Product course	Baden-Daettwil CH
Guatemala	Cementos Progreso, S.A	Knowledge Manager and LIMS - Application engineering	Product course	Baden-Daettwil CH
Honduras	Cementos del Norte S.A.	Knowledge Manager - Application engineering	Product course	Honduras on-site
Venezuela	Industria Venezolana de Cemento (INVECEM	Knowledge Manager - LIMS application	Product course	Venezuela on-site

ABB University Switzerland / Learning Center Cement, Minerals and Mining

References - Training Drives

Africa

	Customer	Course name	Type	Location
Algeria	Algerian Cement Co.	ACS800 - Maintenance and operation	Product course	Baden-Daettwil CH
Morocco	Holcim (Maroc) AOZ	ACS800 - Maintenance and operation	Product course	Settat, Morocco
South Africa rep of	Anglo American Platinum Limited	Gearless Mill Drive – PSR2 Controller	Product course	South Africa on-site
South Africa rep of	Anglo American Platinum Limited	800xA – Gearless Mill Drive Applications	Product course	South Africa on-site

Asia

	Customer	Course name	Type	Location
Indonesia	PT Indocement Tungal Prakarsa	Gearless Mill Drive - Predictive and preventive maintenance	Product course	Indonesia on-site
Indonesia	PT Newmont Nusa Tenggara	GMD stator winding	Product course	Alstom Bilbao
Indonesia	PT Newmont Nusa Tenggara	AC 800PEC Hardware & tools	Product course	Baden-Daettwil CH
Indonesia	PT Semen Batam	Gearless mill drive - On-site operation and maintenance	Product course	Indonesia on-site
Jordan	TIG Techno-Group	ACS800 - Maintenance and operation	Product course	Baden-Daettwil CH
Oman	Vale Oman Pelletizing Company L.L.C	ACS800 - Maintenance and operation	Product course	Baden-Daettwil CH
United Arab Emirates	Fujairah Cement Industries	Gearless mill drive - On-site operation and maintenance	Product course	U.A.E. on-site

Europe

	Customer	Course name	Type	Location
Kazakhstan	ABB Kazakhstan Ltd.	GMD customized training	Product course	Baden-Daettwil CH
Romania	Holcim (Romania) S.A.	ACS800 - Maintenance and operation	Product course	Baden-Daettwil CH
Slovakia	CRH (Slovensko) A.S.	ACS800 - Maintenance and operation	Product course	Beli Izvor BG
Sweden	Boliden Mineral AB	Gearless mill drive - Basic course	Product course	Turgi & Daettwil CH
Sweden	Boliden Mineral AB	ACS1000 - Maintenance and operation	Product course	Sweden on-site
Switzerland	ABB Schweiz AG	Gearless mill drive - Basic course	Product course	Baden-Daettwil CH
Switzerland	Alstom Power (Switzerland) Ltd.	ACS800 - Maintenance and operation	Product course	Baden-Daettwil CH
Switzerland	Holcim Group Support Ltd	ACS800 - Maintenance and operation	Project course	Baden-Daettwil CH
Switzerland	Jura Cement Fabriken	ACS800 - Maintenance and operation	Product course	Baden-Daettwil CH
Switzerland	Maerz Ofenbau AG / A Company of Polysius	ACS800 - Maintenance and operation	Product course	Baden-Daettwil CH
Ukraine	PJSC Podilsky Cement	ACS800 - Maintenance and operation	Product course	Baden-Daettwil CH

N.- America

	Customer	Course name	Type	Location
Canada	Detour Gold Corporation	Ring-Geared Mill Drive System – Operation and Maintenance	Product course	Canada on-site
USA	Barrick Goldstrike M	Gearless mill drive - Basic course	Product course	USA on-site
USA	Barrick Goldstrike M	Gearless mill drive - Basic course	Product course	Baden-Daettwil CH
USA	Barrick Goldstrike M	Gearless Mill Drive - Practical system testing	Product course	Turgi CH
USA	Newmont Gold Company	Gearless mill drive - Basic course	Product course	USA on-site
USA	Newmont Mining Corporation	GMD cycloconverter with AC800 PEC - Operation & maintenance	Product course	Elko USA on-site
USA	Newmont Mining Corporation	Gearless Mill Drive - Practical system testing	Product course	Turgi CH
USA	Newmont Mining Corporation	Gearless mill drive - Basic course	Product course	Baden-Daettwil CH

Oceania

	Customer	Course name	Type	Location
Australia	Newcrest Mining Limited	GMD stator winding	Product course	Alstom Bilbao
Australia	Newcrest Mining Limited	Gearless mill drive - Basic course	Product course	Telfer Australia
Australia	Newmont Boddington Gold	ACS1000 - Maintenance and operation	Product course	Australia on-site

S.- America

	Customer	Course name	Type	Location
Brazil	MMX-Sierra Azul	Gearless mill drive - Basic course	Product course	Baden-Daettwil
Chile	Compañia Minera Doña Ines de Collahuasi SCM	GMD stator winding	Product course	Alstom Bilbao
Chile	Compania Minera Teck Carmen de Andacollo	Gearless mill drive - Basic course	Product course	Turgi CH
Chile	Minera Centinela	Gearless mill drive - Basic course	Product course	Baden-Daettwil CH
Chile	Minera Centinela	AC 800PEC Hardware & tools	Product course	Baden-Daettwil CH
Chile	Minera Escondida Limitada	Gearless mill drive - Basic course	Product course	Baden-Daettwil CH
Chile	Minera Escondida Limitada	Gearless Mill Drive - Practical system testing	Product course	Baden-Daettwil CH
Chile	Minera Escondida Limitada	AC 800PEC Hardware & tools	Product course	Baden-Daettwil CH
Chile	Minera Escondida Limitada	GMD cycloconverter with AC800 PEC - Operation & maintenance	Product course	Chile on-site
Chile	Minera Escondida Limitada	Gearless Mill Drive - Practical system testing	Product course	Chile on-site
Chile	Minera Escondida Limitada	AC 800PEC Hardware & tools	Product course	Chile on-site
Chile	MMH	GMD stator winding	Product course	Chile on-site
Chile	Sierra Gorda SCM	Gearless mill drive - Basic course	Product course	Baden-Daettwil CH
Peru	Cia Minera Antamina S.A.	AC 800PEC Hardware & tools	Product course	Baden-Daettwil CH
Peru	Cia Minera Antamina S.A.	Gearless mill drive - Basic course	Product course	Baden-Daettwil CH
Peru	Minera Chinalco Perú S.A. Toromocho	Gearless mill drive - Basic course	Product course	Baden-Daettwil CH
Peru	Minera Chinalco Perú S.A. Toromocho	Gearless Mill Drive - 1st Level operation & basic maintenance	Product course	Toromocho on-site
Peru	Minera Yanacocha S.R.L	Gearless Mill Drive – Ring Motor Maintenance	Product course	Peru on-site

ABB University Switzerland / Learning Center Cement, Minerals and Mining

References - Training Process Control

Africa

	Customer	Course name	Type	Location
Egypt	Lafarge Cement Egypt	System 800xA for Advant/Master - Configuration	Customized	Baden-Daettwil CH
Egypt	Lafarge Cement Egypt	System 800xA:Applics for minerals-Ctrl eng with PDA & Ctrl Bld	Product course	Baden-Daettwil CH
Egypt	Lafarge Cement Egypt	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Morocco	Ciment de l'Atlas (Cimat)	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Morocco	Ciment de l'Atlas (Cimat)	System 800xA: Applications for minerals - Config. & operation	Product course	Morocco on-site
Morocco	Company of Automation & Electrical Engineering	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Morocco	Holcim (Maroc) S.A.	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Morocco	Holcim (Maroc) S.A.	System 800xA: Applications for minerals - Operation	Product course	Oujda, Morocco
Morocco	Les Ciments de l'Atlas	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH

Asia

	Customer	Course name	Type	Location
China	ABB (China) Limited	System 800xA:Applics for minerals-Ctrl eng with PDA & Ctrl Bld	Product course	Baden-Daettwil CH
India	ABB Global Industries and Services Limit	800xA: Applications for Minerals – Engineering with EBase	Product course	Bangalore India
India	ABB Ltd., Bangalore	System 800xA:Applics for minerals-Ctrl eng with PDA & Ctrl Bld	Product course	India
Indonesia	PT Holcim Indonesia Tbk	System 800xA:Applics for minerals-Ctrl eng with PDA & Ctrl Bld	Product course	Indonesia on-site
Indonesia	PT Holcim Indonesia Tbk	System 800xA: Applications for minerals - Config. & operation	Product course	Indonesia on-site

Indonesia	PT Newmont Nusa Tenggara	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Indonesia	PT Newmont Nusa Tenggara	System 800xA: Basic configuration	Product course	Baden-Daettwil CH
Israel	Ramat Aviv Gimmel	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Korea, rep of	POSCO Pohang Iron & Steel Co., Ltd.	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Malaysia	Vale Malaysia Manufacturing Sdn Bhd	System 800xA: Applications for minerals - Config. & operation	Product course	Malaysia on-site
Malaysia	Vale Malaysia Manufacturing Sdn Bhd	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Malaysia	Vale Malaysia Manufacturing Sdn Bhd	800xA: Applications for Minerals – Engineering with EBase	Product course	Baden-Daettwil CH
Oman	Oman Cement Company	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Oman	Oman Cement Company	System 800xA: Applies for minerals-Ctrl eng with PDA & Ctrl Bld	Product course	Baden-Daettwil CH
Oman	Raysut Cement Company	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Oman	Vale Oman Pelletizing Company L.L.C	System 800xA: Applications for minerals - Config. & operation	Product course	Abu Dhabi UAE
Saudi Arabia	Arabian Cement Co Ltd., Jeddah	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Singapore	Indocement Singapore Pte Ltd.	System 800xA: Basic configuration	Product course	Singapore
United Arab Emirates	Emirates Cement Factory	System 800xA: Applications for minerals - Config. & operation	Product course	Al Ain UAE
United Arab Emirates	Ras Al Khaimah Cement Company	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Vietnam	Thai Nguyen Cement Plant	System 800xA: Applications for minerals - Config. & operation	Product course	Vietnam on-site

Europe

	Customer	Course name	Type	Location
Austria	Lafarge Perlmooser GmbH	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Czech Republic	ABB s.r.o.	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Czech Republic	Ceskomoravsky Cement (Heidelberg Cement Group)	800xA: Applications for Minerals – Engineering with EBase	Product course	Baden-Daettwil CH
Czech Republic	Ceskomoravsky Cement (Heidelberg Cement Group)	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
France	ICER	System 800xA: Applications for minerals - Config. & operation	Product course	ABB France
Germany	ABB Automation GmbH	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH

Germany	ABB Automation GmbH	800xA: Applications for Minerals – Engineering with EBase	Product course	Baden-Daettwil CH
Germany	Heidelberg Cement	System 800xA:Applics for minerals-Ctrl eng with PDA & Ctrl Bld	Product course	Baden-Daettwil CH
Germany	KIMA Automatisierung GmbH	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Germany	OPTERRA Wössingen GmbH	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Germany	ThyssenKrupp Industrial Solutions AG	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Italy	Tech. Automation SRL	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Kazakhstan	ABB Kazakhstan Ltd.	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Kazakhstan	ABB Kazakhstan Ltd.	800xA: Applications for Minerals – Engineering with EBase	Product course	Baden-Daettwil CH
Kazakhstan	Kazakhmys	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Kazakhstan	Kazakhmys	800xA: Applications for Minerals – Engineering with EBase	Product course	Baden-Daettwil CH
Sweden	Rejlers Ingenjörer AB	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Switzerland	ABB Management Services	800xA: Applications for Minerals – Engineering with EBase	Product course	Baden-Daettwil CH
Switzerland	ABB Schweiz AG	800xA: Applications for Minerals – Engineering with EBase	Product course	Baden-Daettwil CH
Switzerland	ABB Schweiz AG	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Switzerland	Maerz Ofenbau AG / A Company of Polysius	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Switzerland	Maerz Ofenbau AG / A Company of Polysius	System 800xA: Basic configuration	Product course	Baden-Daettwil CH

N.- America

	Customer	Course name	Type	Location
Canada	ABB Inc.	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Canada	ABB Inc.	System 800xA: Applications for minerals - Config. & operation	Product course	Canada on-site
Canada	ABB Inc.	System 800xA:Applics for minerals-Ctrl eng with PDA & Ctrl Bld	Product course	Baden-Daettwil CH
Canada	K+S Potash Canada	System 800xA: Applications for minerals - Config. & operation	Product course	Canada on-site
Canada	K+S Potash Canada	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH
Mexico	Holcim Apasco, SA de C.V.	System 800xA: Applications for minerals - Config. & operation	Product course	Mexico on-site
Mexico	Holcim Apasco, SA de C.V.	System 800xA:Applics for minerals-Ctrl eng with PDA & Ctrl Bld	Product course	Mexico on-site

USA	Holcim (Texas) LP	800xA: Applications for Minerals – Engineering with EBase	Product course	Baden-Daettwil CH
USA	Holcim (Texas) LP	System 800xA: Applications for minerals - Config. & operation	Product course	Baden-Daettwil CH

Oceania

	Customer	Course name	Type	Location
Australia	ABB Australia Pty Limited	System 800xA:Applcs for minerals-Ctrl eng with PDA & Ctrl Bld	Product course	Offices AUABB

S.- America

	Customer	Course name	Type	Location
Chile	Minera Escondida Limitada	System 800xA: Basic configuration	Product course	Baden-Daettwil CH
Peru	Cia Minera Antamina S.A.	System 800xA: Basic configuration	Product course	Baden-Daettwil CH

ABB University Switzerland / Learning Center Cement, Minerals and Mining

References - Training Various Products

Africa

	Customer	Course name	Type	Location
Congo	ABB DRC	Minerals processing course	Basic course	Baden-Daettwil CH
Congo	ABB DRC	Cement process technology course	Basic course	Baden-Daettwil CH
Egypt	ABB Electrical Engineering, Egypt	Minerals processing course	Basic course	Baden-Daettwil CH
Egypt	ABB Electrical Engineering, Egypt	Cement process technology course	Basic course	Baden-Daettwil CH
South Africa rep of	ABB South Africa	Minerals processing course	Basic course	Baden-Daettwil CH

Asia

	Customer	Course name	Type	Location
China	ABB (China) Limited	Minerals processing course	Basic course	Baden-Daettwil CH
China	ABB China Limited	Cement process technology course	Basic course	Baden-Daettwil CH
China	ABB China Limited	Minerals processing course	Basic course	Baden-Daettwil CH
India	ABB Ltd., Bangalore	Minerals processing course	Basic course	Baden-Daettwil CH
Malaysia	ABB Malaysia Sdn. Bhd.	Minerals processing course	Basic course	Baden-Daettwil CH
Oman	Vale Oman Pelletizing Company L.L.C	MCC training type MNSiS	Product course	Lenzburg CH
Saudi Arabia	ABB ELEMAL	Minerals processing course	Basic course	Saudi Arabia on-site
Saudi Arabia	ABB ELEMAL	Cement process technology course	Basic course	Saudi Arabia on-site
Saudi Arabia	ABB Saudi Arabia	Cement process technology course	Basic course	Baden-Daettwil CH

Saudi Arabia	ABB Saudi Arabia	Minerals processing course	Basic course	Baden-Daettwil CH
United Arab Emirates	ABB Industries (L.L.C)	Minerals processing course	Basic course	Baden-Daettwil CH

Europe

	Customer	Course name	Type	Location
France	ABB France SAS	Cement process technology course	Basic course	Baden-Daettwil CH
Ireland	CRH Europe Materials	Cement process technology course	Basic course	Drogheda on-site
Ireland	CRH Europe Materials	Minerals processing course	Basic course	Ireland on-site
Ireland	CRH Europe Materials	Cement process technology course	Basic course	Baden-Daettwil CH
Kazakhstan	ABB Kazakhstan Ltd.	Minerals processing course	Basic course	Baden-Daettwil CH
Sweden	ABB Business Systems AB	Minerals processing course	Basic course	Baden-Daettwil CH
Switzerland	ABB Schweiz AG	Cement process technology course	Basic course	Baden-Daettwil CH
Switzerland	ABB Schweiz AG	Minerals processing course	Basic course	Baden-Daettwil CH
Ukraine	PJSC Podilsky Cement	MCC training type MNSiS	Product course	Lenzburg CH

N.- America

	Customer	Course name	Type	Location
Mexico	ABB México S.A. de C.V.	Cement process technology course	Basic course	Baden-Daettwil CH
Mexico	ABB México S.A. de C.V.	Minerals processing course	Basic course	Baden-Daettwil CH
USA	ABB Inc.	Minerals processing course	Basic course	Baden-Daettwil CH

Oceania

	Customer	Course name	Type	Location
Australia	ABB Australia Pty Limited	Minerals processing course	Basic course	Baden-Daettwil CH
Australia	ABB Australia Pty Ltd	Minerals processing course	Basic course	Baden-Daettwil CH

S.- America

	Customer	Course name	Type	Location
Brazil	Vale	Insulation system	Project course	Brazil on-site
Chile	ABB S.A.	Minerals processing course	Basic course	Baden-Daettwil
Chile	Compania Minera Teck Carmen de Andacollo	PSR/FUPLA programming	Product course	Turgi CH
Colombia	ABB Colombia	Minerals processing course	Basic course	Baden-Daettwil CH
Panama	ABB S.A.	Minerals processing course	Basic course	Baden-Daettwil CH
Peru	ABB S.A.	Minerals processing course	Basic course	Baden-Daettwil CH
Peru	Sociedad Minera Cerro Verde S.A.A.	PSR/FUPLA programming	Product course	Turgi CH

This reference list includes a selection of courses executed during the last couple of years and for a various number of customers/industries. Should you require further information on the detailed program topics of a specific session or execution procedures, kindly contact us at: minerals.training@ch.abb.com

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