This seminar provides a comprehensive overview of cold rolling. The course covers fundamentals, equipment, rolling theory, control, threading, rolls, lubrication, measurement, safety and new technology. Attendees will leave this course with a better understanding of the basic metallurgy involved, the different types of products and product attributes, the types of mills used and equipment involved with the mills, the theory of rolling, latest technologies involved in cold rolling, safety aspects, rolling solutions, production measures and much more. There will be the opportunity to discuss issues and engage in problem solving during the panel discussions.

SCHEDULE OF EVENTS

SUNDAY, 1 MARCH 2015

4–6 p.m.
Registration

6 p.m.
Welcome Reception

MONDAY, 2 MARCH 2015

7 a.m.
Registration and Continental Breakfast

8 a.m.
INTRODUCTIONS AND OPENING REMARKS
MARK BLANKENAU

8:15 a.m.
OVERVIEW
JOHN SPEER, COLORADO SCHOOL OF MINES

MORE INFORMATION AT AIST.ORG/TECHNOLOGYTRAINING
9 a.m.  COLD ROLLING FUNDAMENTALS
JOHN SPEER, COLORADO SCHOOL OF MINES

10 a.m.  Break

10:15 a.m.  ROLLING MILL DESIGNS AND LINE ARRANGEMENTS TO
MEET PROCESS REQUIREMENTS
MICHAEL PERETIC, SMS GROUP

Noon  Lunch

1 p.m.  ENTRY MILL EQUIPMENT
FRANK BEDDINGS, PRIMETALS TECHNOLOGIES U.S.A. HOLDINGS INC.
Overview of the equipment and basic requirements at the entry
side of the cold rolling mill.

2:05 p.m.  EXIT MILL EQUIPMENT
ERIC THOKAR, PRIMETALS TECHNOLOGIES U.S.A. HOLDINGS INC.

3:15 p.m.  HYDRAULIC SYSTEMS FOR COLD ROLLING MILLS
LANCE PENICK, BUTECH BLISS

3:30 p.m.  PRACTICAL APPLICATIONS
MARK BLANKENAU

5 p.m.  Reception

WEDNESDAY, 4 MARCH 2015

7 a.m.  Continental Breakfast

8 a.m.  COLD ROLLING OIL LUBRICANT FUNDAMENTALS
MATT Knapik and DOMINICK GAUDIO, QUAKER CHEMICAL CORP.

9 a.m.  SOLUTION SYSTEM AND COOLING
MARK WELLENSIEK, ARCELORMITTAL INDIANA HARBOR

10:15 a.m.  INSPECTION FOR COLD ROLLING
MARK BLANKENAU

Noon  Lunch

1 p.m.  ROLLING THEORY
MARK ZIPF, COLD ROLLING TECHNOLOGIES INC.

3:15 p.m.  Break

3:30 p.m.  PRACTICAL APPLICATIONS
MARK BLANKENAU

TUESDAY, 3 MARCH 2015

7 a.m.  Continental Breakfast

8 a.m.  ROLL SPECIFICATIONS AND THE INFLUENCE ON ROLL
PERFORMANCE
BILL JENNINGS, ROCKPORT ROLL SHOP LLC

9 a.m.  COLD MILL ROLL SHOP BENCHMARK ISSUES
BILL JENNINGS, ROCKPORT ROLL SHOP LLC
The presentation will include subjects of what is benchmarked in
today’s roll shops and using these key performance indicators to
help control costs.

10 a.m.  Break

10:15 a.m.  INSPECTION FOR COLD ROLLING
MARK BLANKENAU

Noon  Lunch

1 p.m.  ROLLING THEORY
MARK ZIPF, COLD ROLLING TECHNOLOGIES INC.

3:15 p.m.  Break

3:30 p.m.  HYDRAULIC SYSTEMS FOR COLD ROLLING MILLS
LANCE PENICK, BUTECH BLISS

4:30 p.m.  PRACTICAL APPLICATIONS
MARK BLANKENAU

5 p.m.  Reception

7 a.m.  Continental Breakfast

8 a.m.  COLD ROLLING OIL LUBRICANT FUNDAMENTALS
MATT Knapik and DOMINICK GAUDIO, QUAKER CHEMICAL CORP.

9 a.m.  SOLUTION SYSTEM AND COOLING
MARK WELLENSIEK, ARCELORMITTAL INDIANA HARBOR

10:15 a.m.  INSPECTION FOR COLD ROLLING
MARK BLANKENAU

Noon  Lunch

1 p.m.  ROLLING THEORY
MARK ZIPF, COLD ROLLING TECHNOLOGIES INC.

3:15 p.m.  Break

3:30 p.m.  HYDRAULIC SYSTEMS FOR COLD ROLLING MILLS
LANCE PENICK, BUTECH BLISS

4:30 p.m.  PRACTICAL APPLICATIONS
MARK BLANKENAU
Registration fees

Advance registration by 20 January 2015: Member US$995, Non-member US$1,210. Registration fee after 20 January 2015: Member US$1,095, Non-member US$1,310. Registration fees include continental breakfasts, lunches, and continuous breaks Wednesday and Thursday, reception Tuesday, plant tour and a course workbook or flash drive including presentations.

More information at AiST.org/TechnologyTraining

Register now