



Managing Technology

5-7 November 2019
Courtyard by Marriott Hamilton
Hamilton, Ont., Canada

Plant tour:
ArcelorMittal
Dofasco G.P.



About the Program

This technology conference focuses on the assessment, selection and implementation of advanced technology in today's modern steel plants. This program's focus is ArcelorMittal Dofasco G.P.

About ArcelorMittal Dofasco G.P.

Founded in 1912, ArcelorMittal Dofasco is Canada's leading steel producer and a hallmark of advanced manufacturing in North America. With approximately 5,000 employees in Hamilton, Ont., it is the city's largest private sector employer. Dofasco makes more than 100 grades of steel and ships 4.5 million net tons of flat carbon steel to the construction and manufacturing, automotive, packaging, distribution, and tubular segments in North America.

Who Should Attend

This program is ideal for managers and supervisors from steel-producing companies; and engineering, operations, and process technology personnel involved with the assessment, selection and implementation of advance steelmaking technology. Industry technology and equipment suppliers interested in new steel plant technology implementation and operation also will benefit from this program.

Professional Development Hours

This course may qualify for up to 12 Professional Development Hour (PDH) credits. Each attendee will receive a certificate listing the quantity of PDH credits earned for this course. This course is not approved for PDH credit in New York, Florida, North Carolina and Oklahoma.

Organized By

AIST's Project & Construction Management Technology Committee.

Upcoming Events

Engineering Solutions for Sustainability:
Materials and Resources 4 Toward a Circular
Economy
14-16 October 2019
The Westin Indianapolis
Indianapolis, Ind., USA

Secondary Steelmaking Refractories –
A Practical Training Seminar
14-17 October 2019
Hilton Palacio Del Rio
San Antonio, Texas, USA

Continuous Casting – A Practical
Training Seminar
21-24 October 2019
Holiday Inn Downtown Memphis
Memphis, Tenn., USA

The Making, Shaping and Treating of Steel: 101
29-30 October 2019
Hilton Milwaukee City Center
Milwaukee, Wis., USA



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Registration Includes

Breakfast and lunch Tuesday and Wednesday, reception Tuesday and Wednesday, breakfast Thursday, plant tour with bus transportation, and a course workbook or flash drive including presentations.

Hotel Accommodations

A block of rooms has been reserved at the Courtyard by Marriott Hamilton. Please call the hotel at +1.905.383.7772 by 11 October 2019 to secure the AIST discount rate of CA\$139 per night for single/double occupancy.

AIST Members

US\$845

by 23 September 2019

US\$945

after 23 September 2019

AIST Non-Members

US\$1,090

by 23 September 2019

US\$1,190

after 23 September 2019



Featured Plant Tour:

ArcelorMittal Dofasco G.P.



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YOUNG PROFESSIONAL

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AIST.org

Schedule of Events



Tuesday, 5 November

Noon
Registration

2 p.m.
ArcelorMittal Dofasco G.P. Overview

Roger Tang-Poy, Vice President-Technology, ArcelorMittal Dofasco G.P. Attendees will be provided with an understanding of the technology, vision, health and safety, and people of ArcelorMittal Dofasco G.P. A brief history of the facility will be given, as well as a description of Dofasco's current operations and products.

2:30 p.m.
Digitalization

This session will focus on ArcelorMittal Dofasco's vision of Industry 4.0, example projects, challenges and future plans.

4 p.m.
Question-and-Answer Session

5 p.m.
Reception

1 p.m.
Project 3: Galvanizing Lines No. 4 and No. 6 Upgrades

This session will discuss the installation of a state-of-the-art galvanizing line in a repurposed finishing building. It is the tallest galvanizing tower in North America. Discussion will highlight the addition of a dual pot, replacing the cleaning section and post-treatment on an operating line.

2 p.m.
Break

2:30 p.m.
Industry 4.0 Projects

Michael Dudzic, General Manager, Process Automation, ArcelorMittal Dofasco G. P.

This session will focus on ArcelorMittal Dofasco's Industry 4.0 projects, challenges and future plans.

4 p.m.
Question-and-Answer Session

5 p.m.
Reception

Wednesday, 6 November

7 a.m.
Breakfast

8 a.m.
Project Planning and Delivery

Cameron Mitchell, ArcelorMittal Dofasco G.P. Discussion will include an overview of ArcelorMittal Dofasco's Capital Investment Project Methodology, challenges in rationalizing production in an integrated facility, choosing the most effective deployment of capital, and projects to improve reliability and safety.

9 a.m.
Project 1: Hot Strip Mill Modernization Program

David Colbert, Business Unit Manager-Hot Mill Technology and George Atlija, Manager, Project & Construction Management, ArcelorMittal Dofasco G.P.

This presentation will cover ArcelorMittal Dofasco's modernization program of its hot strip mill, including installing new downcoilers for advanced high-strength steels in an operating facility, power cooling, hands-free inspection and sampling, new runout tables, and coil handling.

10 a.m.
Project 2: Steelmaking Improvement Program

Stephanie Holko, Digital Transformation Project Lead, ArcelorMittal Dofasco G.P.

Discussion of this project will focus on the delivery of hot metal to the electric arc furnace, enhanced automated alloy additions, automated basic oxygen furnace tapping and capacity increase.

Noon
Lunch

Thursday, 7 November

8 a.m.
Depart for Choice of Tour of ArcelorMittal Dofasco G.P. 

- Steelmaking
- Hot strip mill
- No. 6 galvanizing line

Noon
Return From Plant Tour and Adjourn