

# The Aluminium Rolling Technology Course

presented by Innoval Technology



## REGISTRATION FORM

Please select event date:  19<sup>th</sup>-30<sup>th</sup> April 2021 (this will be a **live online course**).

### Registration:

To register or confirm your registration please complete the form below for each delegate and send (e-mail, fax or post) to:

Helen Forrest, Innoval Technology Limited, Beaumont Close, Banbury, OX16 1TQ, UK.  
e-mail: [helen.forrest@innovaltec.com](mailto:helen.forrest@innovaltec.com), fax: +44 (0)1295 702898

Surname (incl. Title)	
First name	
Company or Organisation	
Job title	
Address	
Telephone	
Mobile	
e-mail	

Fees: £4,100 or £3,750 if registered before 15<sup>th</sup> March 2021.  
UK attendees will have to pay VAT on the course fees.

Please indicate your preferred method of payment:

- Cheque** enclosed, payable to Innoval Technology Ltd.
- Purchase order:** Please invoice my company/organisation at the address below.

Order number	
Name (if different from above)	
Address	
Telephone	
Fax	

### Important:

Course fees are payable **in advance** and must be received prior to the commencement of the course. Your registration is not confirmed until payment is received. **Any fees not paid in advance will be subject to the higher rate of £4,100.**

### Cancellation:

Fees will be refunded, less 10% handling charge, for any cancellation received in writing 14 days prior to the course. For cancellations after this and for non-attendance, Innoval reserves the right to charge the full rate. Substitute delegates are welcome.

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Part of Danieil Group

## The course is designed to:

- Help you reduce downtime and improve product quality
- Enable quicker solving of rolling process problems
- Give an in-depth understanding of the fundamentals of aluminium flat rolling

The course comprises both presentation and workshop sessions. All delegates receive a 750-page manual on a protected USB stick, as well as a hard copy which will be posted ahead of the event.

We are committed to running the course with a limited number of participants to facilitate a high level of presenter/participant interaction. Here are some comments from previous participants:

“ I really enjoyed this course. The way modules such as vibration and the mechanics of rolling were taught made them really easy to understand. I also liked the close contact with the instructors; they were always available to give us answers, and they have so much industry experience. Finally, it made a real difference for me that the course was focused on Aluminium.

Luiz Alves, Sheet Rolling Supervisor, Alcoa Aluminio S.A.

“ I was particularly impressed by the presenters' effectiveness in conveying some difficult concepts to a diverse group of delegates. I have attended rolling courses before, but none with this level of clarity. The order of the different modules enabled an efficient transfer of knowledge.

Frans Spring, Process Specialist, Hulamin

To register, please complete and return the Registration Form overleaf.

An example timetable is provided below:

ALUMINIUM ROLLING TECHNOLOGY COURSE - Innoval Technology, Banbury, November 2020									
MONDAY 9th 13:30 GMT Start		TUESDAY 10th 13:30 GMT Start		WEDNESDAY 11th 13:30 GMT Start		THURSDAY 12th 13:30 GMT Start		FRIDAY 13th 13:30 GMT Start	
13:30	Introduction and meet the lecturers	13:30	Aluminium Casting Overview	13:30	Finishing Overview	13:30	Thermal Aspects of Rolling	13:30	Aluminium Rolling Lubrication
	The Business of Rolling		BREAK		BREAK		BREAK		BREAK
	BREAK		Mechanics of Rolling		Process Metallurgy		Thermal Aspects of Rolling		Mechanics of Profile and Flatness
	Machinery and Process Overview		BREAK		BREAK		BREAK		BREAK
	Group Discussion and Questions		Mechanics of Rolling Workshop		Process Metallurgy Workshop		Thermal Aspects of Rolling Workshop		Mechanics of Profile and Flatness
17:00		17:00	Discussion & Q's	17:00	Discussion & Q's	17:00	Group Discussion and Questions	17:00	Group Discussion and Questions
MONDAY 16th 13:30 GMT Start		TUESDAY 17th 13:30 GMT Start		WEDNESDAY 18th 13:30 GMT Start		THURSDAY 19th 13:30 GMT Start		FRIDAY 20th 13:30 GMT Start	
13:30	Surface Generation	13:30	Introduction to Control	13:30	Automatic Gauge Control	13:30	Profile Measurement and Control	13:30	Automatic Flatness Control
	BREAK		BREAK		BREAK		BREAK		BREAK
			Control Workshop		Automatic Gauge Control Workshop		Profile Measurement and Control		Automatic Flatness Control Workshop
	Data Workshop		Introduction to Control		Automatic Gauge Control		BREAK		BREAK
	Group Discussion and Questions		BREAK		BREAK		Profile Measurement and Control Workshop		Automatic Flatness Control
17:00		17:00	Group Discussion and Questions	17:00	Group Discussion and Questions	17:00	Group Discussion and Questions	17:00	Questions and Course Wrap-up