The Aluminium Rolling Technology Course
presented by Innoval Technology

innoval technology
Part of Danieli Group

REGISTRATION FORM

Please select event date: □ 26th September - 7th October 2022 (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, 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 26th August 2022.
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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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 recent delegates:

> *"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:

Innoval Technology: ONLINE ALUMINIUM ROLLING TECHNOLOGY COURSE 2022

MONDAY 09:00 GMT Start		TUESDAY 09:00 GMT Start		WEDNESDAY 09:00 GMT Start		THURSDAY 09:00 GMT Start		FRIDAY 09:00 GMT Start	
09:00	Introduction	09:00	Machinery Overview	09:00	Finishing Overview	09:00	Thermal Aspects of Rolling	09:00	Tribology in Aluminium Rolling
09:45	Aluminium Market Dynamics and Drivers	10:00	BREAK	09:45	BREAK	10:00	BREAK	10:00	BREAK
10:30	BREAK	10:15	Mechanics of Rolling	10:00	Process Metallurgy	10:15	Thermal Aspects of Rolling	10:15	Mechanics of Profile and Flatness
10:45	Aluminium Casting Overview			11:00	BREAK				
11:30	BREAK	11:30	BREAK	11:15	Process Metallurgy Workshop	11:15	BREAK	11:15	BREAK
11:45	Process Overview	11:45	Mechanics of Rolling Workshop		Process Metallurgy	11:30	Thermal Aspects of Rolling Workshop	11:30	Mechanics of Profile and Flatness
12:30 - 12:45	Group Discussion and Questions	12:30 - 12:45	Group Discussion and Questions	12:30 - 12:45	Group Discussion and Questions	12:30 - 12:45	Group Discussion and Questions	12:30 - 12:45	Group Discussion and Questions

MONDAY 09:00 GMT Start		TUESDAY 09:00 GMT Start		WEDNESDAY 09:00 GMT Start		THURSDAY 09:00 GMT Start		FRIDAY 09:00 GMT Start	
09:00	Surface Generation	09:00	Sustainability and Life Cycle Assessment	09:00	Automatic Gauge Control	09:00	Measurement and Control of Profile	09:00	Automatic Flatness Control
		09:30	Introduction to Control						
10:00	BREAK	10:00	BREAK	10:00	BREAK	10:00	BREAK	10:00	BREAK
10:15	Surface Defects	10:15	Control Workshop	10:15	Automatic Gauge Control Workshop	10:15	Measurement and Control of Profile	10:15	Automatic Flatness Control Workshop
			Introduction to Control					11:00	BREAK
		11:00	Mill Vibration		Automatic Gauge Control				
11:15	BREAK					11:15	BREAK	11:15	Automatic Flatness Control
11:30	Data Workshop	11:30	BREAK	11:30	BREAK	11:30	Measurement and Control of Profile Workshop		
		11:45	Mill Vibration	11:45	Automatic Gauge Control				
12:30 - 12:45	Group Discussion and Questions	12:30 - 12:45	Group Discussion and Questions	12:30 - 12:45	Group Discussion and Questions	12:30 - 12:45	Group Discussion and Questions	12:30 - 12:45	Group Discussion and Questions