

# Introduction to Aluminium Surfaces & Treatments.

This course contains the following modules:

## Aluminium surfaces.

- Surface characteristics
- Surface generation during processing
- Factors affecting surface properties
- Quality requirements and inspection
- Common product defects

## Surface cleaning.

- Objectives of surface cleaning
- Cleaning types and reaction mechanisms
- Critical control parameters in production
- Evaluation of surface cleanliness
- Common issues and remedies

## Surface pretreatment.

- Typical requirements
- Pretreatment developments
- Formation mechanisms
- Automotive pretreatments
- Application techniques











## Anodising.

- Purpose of anodising
- Mechanism of anodising
- Influence of processing parameters
- Anodising types and applications
- Common issues and remedies


## Surface coating.


- General characteristics
- Adhesion properties
- Coating chemistry
- Performance testing
- Coating modifications

**Sample Agenda****Introduction to Aluminium Surfaces & Treatments.**

<b>Day 1</b>		<b>09:00 - 12:30 GMT</b>	<b>Day 2</b>		<b>09:00 - 12:30 GMT</b>
09:00	Introduction		09:00	Surface Pretreatment	
09:20	Aluminium Surfaces		10:00	Break	
10:20	Break		10:10	Anodising	
10:30	Surface Cleaning 1		11:10	Break	
11:30	Break		11:20	Surface Coating	
11:40	Surface Cleaning 2		12:20	Q&A and Wrap-up	

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