

## System Training Options.

Package Options	Introduction Training	Intermediate Training for System Operation, Maintenance and Coating Application
Course Description:	A basic training course designed to introduce an operator with no experience of thermal spraying to their new equipment in order so that they can operate the equipment safely and to learn the basics of the process	A course designed to get someone with no experience with thermal spraying off to a running start so that they can operate and maintain the equipment safely, competently and be able to apply coatings efficiently and effectively
Equipment covered:	Flame Spray or Arc Spray Technology	Flame Spray or Arc Spray Technology
Prior Recommended experience:	None required	None required
Course duration:	3-4 hours approx (not including system commissioning time)	Approx. 7 hours
Teaching methods:	Practical hands-on only	Classroom and practical hands-on
Location:	Metallisation or customer site* ** *subject to suitable spray and training site ** Additional fees are applied for Mileage, lodging and travel where applicable	Metallisation or customer site* ** *subject to suitable spray and training site ** Additional fees are applied for Mileage, lodging and travel where applicable
Charges:	Charged per operator per day for between 2 to 6 operators	Charged per operator per day for between 2 to 6 operators
Take-Home:	Certificate of attendance	Training course presentation and certificate of attendance
Next steps:	Intermediate Training for System Operation, Maintenance and Coating Application or Advanced Coating Application Preparation Training for BS EN ISO : 14918	EN ISO 14918 training/assessment or a detailed bespoke training course

**On the completion of this learning session the participant will be competent in the following:**

Learning outcomes:	Knowledge/Theory	Practical/Skill Level			Knowledge/Theory	Practical/Skill Level		
		Basic	Intermediate	Advanced		Basic	Intermediate	Advanced
Health and Safety implications	↓				↓			
Understanding the Equipment and safe operation	↓	↓			↓		↓	
Maintenance	↓	↓			↓		↓	
Applying a coating:					↓		↓	
Surface Preparation	↓	↓			↓		↓	
Masking Processes					↓		↓	
Environmental Considerations					↓	↓		
Apply and evaluate a quality coating	↓	↓			↓		↓	

## System Training and Assessment Options - ISO 14918

Package Options	Advanced Coating Application Preparation Training for BS EN ISO : 14918	EN ISO 14918:2018 Operator Assessment		
Course Description:	A good number of users of thermal spray coatings (oil and gas companies, road and rail infrastructure etc.) are now insisting that operators doing the spraying must be certified according to the EN ISO 14918 standard. This operator preparation training is the instruction before the assessment	In collaboration with the Thermal Spray and Surface Engineering Association (TSSEA), Metallisation can offer certification of operators in accordance with the EN ISO 14918 standard. This can be booked directly with Metallisation Ltd or by clicking here. The certificate will be issued by the TSSEA. In simple terms, this is like a driving test for operators showing competency and skill.		
Equipment covered:	Flamespray, Arcspray, Plasma and HVOF*	Flamespray, Arcspray, Plasma and HVOF*		
Prior Recommended experience:	Ideally minimum 3 months and/or Introduction or Intermediate course	Ideally minimum 3 months and/or 14918 training course		
Course duration:	Approx. 7 hours* *HVOF and Plasma plus automated equipment training courses spend less time focusing on the setup of the system and more time on the basic operation and maintenance of the equipment. Complex coating application training can be given in an extended, bespoke training course.	2 to 4 operators per day* *HVOF and Plasma 14918 assessment is more detailed and tailored to a customers specific requirements. Contact Metallisation training Manager for more details.		
Teaching methods:	Classroom and practical hands-on	Classroom and practical hands-on, course includes a theory and practical assessment		
Location:	Metallisation or customer site* ** *subject to suitable spray and training site ** Additional fees are applied for Mileage, lodging and travel where applicable	Metallisation or customer site* ** *subject to suitable spray and training site ** Additional fees are applied for Mileage, lodging and travel where applicable		
Charges:	Charged per operator per day for between 2 to 4 operators	Variable – contact Metallisation Training Manager or TSSEA		
Take-Home:	Training course presentation and certificate of attendance	Successful candidates receive an EN ISO 14918 verified certificate (Validity: 3 years with		
Next steps:	EN ISO 14918 assessment	-		
Instructor experience (*Not Operator experience*):	Minimum 3 years Metallisation experience	Minimum 5 years relevant experience endorsed by the TSSEA		
<b>On the completion of this learning session the participant will be competent in the following:</b>				
	<b>Knowledge/Theory</b>	<b>Practical/Skill Level</b>		
<b>Learning outcomes:</b>		Basic	Intermediate	Advanced
Health and Safety implications	↓			
Understanding the Equipment and safe operation	↓	↓		
Maintenance	↓	↓		
Applying a coating:	↓			
Surface Preparation	↓			↓
Masking Processes	↓			↓
Environmental Considerations	↓			↓
Apply and evaluate a quality coating	↓			↓

## SSPC Train the Painter and Bespoke Training Packages

Package Options	SSPC Train The Painter – Metal Spray Module	Bespoke training courses	
Course Description:	Metallisation is an approved training provider for delivering the SSPC Train the Painter course. We have worked in close collaboration with Corrodere and SSPC to produce and deliver the course content of this invaluable course.	<p>In addition to our standard courses, Metallisation Ltd can tailor a course to meet your specific thermal spray learning requirements. This may include:</p> <p>More detailed application training – guidance on advanced techniques to prepare, apply and finish thermal spray coatings.</p> <p>Coating development training – guidance on the principles of the chosen spray process and basics of how to change parameters and evaluate the subsequent coatings.</p> <p>Detailed maintenance training – for maintenance teams or remote located customers wanting to take a greater role in preventative and breakdown maintenance.</p> <p>Our training Manager will be pleased to discuss your specific requirements and prepare a bespoke training course for you.</p>	
Equipment covered:	Flamespray, Arcspray		
Prior Recommended experience:	None		
Course duration:	Up to 3 days depending on prior experience and system(s) trained		
Teaching methods:	Classroom and practical hands-on, course includes a theory and practical assessment		
Location:	Metallisation		
Charges:	Charged per operator per day for between 2 to 4 operators		
Take-Home:	Successful candidates receive a SSPC Train the Painter endorsed qualification for the		
Next steps:	EN ISO 14918 assessment		
Instructor experience (*Not Operator experience*):	Minimum 5 years Metallisation experience		
<b>On the completion of this learning session the participant will be competent in the following:</b>			
	<b>Knowledge/Theory</b>	<b>Practical/Skill Level</b>	
<b>Learning outcomes:</b>		Basic Intermediate Advanced	
Health and Safety implications	↓		
Understanding the Equipment and safe operation	↓	↓	
Maintenance	↓	↓	
Applying a coating:			
Surface Preparation	↓		↓
Masking Processes	↓		↓
Environmental Considerations	↓		↓
Apply and evaluate a quality coating	↓		↓