

# PROFESSIONAL TRAINING

RSTA in association with XAIS



XAIS  
Asset Management

# SKID RESISTANCE

## INTEGRATED ASSET MANAGEMENT COURSE

### ABOUT THE COURSE

All Local Authorities are required to manage their road maintenance programmes in line with the Code of Practice "Well Managed Highway Infrastructure" which promotes the adoption of an integrated asset management approach delivered by competent staff.

In section B.5.6.2 the code specifically states that Authorities will need to define "competence levels of staff to set or approve Investigatory Levels" and that "each site investigation should be undertaken or led by suitably competent personnel".

This two-day course has been developed by the RSTA together with XAIS Asset Management to help staff gain a competency and be able to demonstrate this competency to auditors.

By attending the course, delegates will:

- learn how to develop a hierarchy for their road network
- develop the skills needed to identify appropriate risks
- gain a complete understanding of the entire skid analysis process – including insight into the award-winning LASR Approach methodology
- know what information to collect in order to identify and prioritise the appropriate action
- understand the availability and suitability of different treatments/materials
- understand the implications of using different solutions
- understand the key elements of maximising best value and minimising whole life costs.

The course ends with a test paper that will enable delegates to demonstrate their understanding and competency in the subject.



### COURSE DATES

23-24 April 2024

Exeter

The Devon Hotel  
Matford  
Exeter, EX21 8XU

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SEE A PREVIEW  
OF THE COURSE  
AGENDA ON  
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### Competency and CPD certificates will be made available to attendees.

In addition to learning about managing the skid resistance of the road network attendees will be provided with information about the RSTA highway sectors and the free to download Codes of Practice and other Guidance Documents available from the RSTA website, to provide them with the information they need to be an informed client.



To book a place or for further information please contact the RSTA at:

e [enquiries@rsta-uk.org](mailto:enquiries@rsta-uk.org)

t 01902 824325

Visit the RSTA online at:

[rsta-uk.org](http://rsta-uk.org)

# Course overview

## DAY 1

- 9.00 COFFEE/REGISTRATION
- 9.15 INTRODUCTION/OBJECTIVES

### SESSION 1

- 9.30 CS 228 & LOCAL SKID RESISTANCE STRATEGY - INCLUDING THE LASR APPROACH METHODOLOGY
- A detailed review and interactive discussion on CS 228 looking at key elements and how to incorporate it into a robust manageable Local Skid Resistance Strategy and early life skidding resistance.

- 11.00 BREAK

### SESSION 2

- 11.15 MEASURING SKID RESISTANCE – THE EQUIPMENT AND OUTPUTS
- An introduction to SCRIM & GripTester surveys with detailed sessions on seasonal variation and the various calculation methods, national reporting (Data Set List 130-03).

- 12:15 LUNCH

### SESSION 3

- 13:00 SETTING INVESTIGATORY LEVELS
- A detailed discussion on defining the site category and assigning the appropriate investigatory level to the entire "Skid Network" including detailed training exercises on dealing with complex network scenarios and discussing the frequency and logistics of reviewing said investigatory levels. Includes latest updates on the LASR Approach methodology.

- 14.30 BREAK

### SESSION 4

- 15.00 DETAILED INVESTIGATION & TREATMENT PRIORITISATION
- Identifying Sites for Detailed Investigation including the use and validation of collision data. Undertaking Detailed Site Investigations including what to assess and measure with a focus on identifying and prioritising appropriate treatments/actions. Includes latest updates on the LASR Approach methodology.

- 16.30 CLOSE

## DAY 2

### SESSION 5

- 9.30 THE CODE OF PRACTICE - A DRIVER FOR CHANGE
- An interactive review of the advice in Well-Managed Highway Infrastructure: A Code of Practice with specific focus on section B.5.6 and the recommendations for Skid Resistance Surveys including setting the hierarchy, responsibilities, timescales and collating evidence.
- 10.45 BREAK

### SESSION 6

- 11.00 IHE – WELL MANAGED HIGHWAY LIABILITY RISK AND MITIGATION
- A review of the IHE – Well Managed Highway Liability Risk with a focus on the mitigation of risk and defence using the evidence collated by maintaining and following a detailed Skid Resistance Procedure.
- 12:15 LUNCH

### SESSION 7

- 13:00 MATERIALS
- Maintaining the road surface to an appropriate skid resistance. The treatments, materials and processes available and their design and application. Surface Dressing, Slurry Microsurfacing, Retexturing, Grooving, High Friction Surfacing and High PSV alternatives.
- 14.45 BREAK

### SESSION 8

- 15.00 END OF COURSE TEST
- Delegates will be required to undertake a test paper based on the course content to provide evidence of attendance and competency/knowledge gained.
- 16.00 CLOSE

