

Training Course

Sustainable Road Pavements- Specifications, Materials, Sustainability, Quality & Supervision

21 May 2025 Roscrea Regional Training Centre









9.00-9.15 Welcome and Introductions 9.15-9.40 Overview of Specifications and Standards David Hogan 9.40 - 10.20 Overview of Road Pavement Materials Ciaran Collier Overview of Road Pavement Works Ciaran Collier Overview Of Road Pavement Works Corin Bridson Overview of Specification Corin Bridson Overview of Surface Treatments Fergal Madden Overview of Surface dressing chips Overview of surface dressing chips Overview of surface treatments Hardness probe, Carpet tile test Site testing requirements Seamus O'Reilly Overview of Surface Treatments Sampling & sample preparation UGM and CBGM - Compaction and stiffness Asphalt - Temperature & density measurement, site coring, surface regularity, texture depth HRA - positive texture and 3D Photogrammetry Reporting	TRAINING COURSE PROGRAMME			
9.15-9.40 David Hogan David Hogan 9.40 - 10.20 Overview of Road Pavement Materials Ciaran Collier Giaran Collier Overview of Road Pavement Materials Ciaran Collier Overview of Road Pavement Materials Overview of Road Pavement Materials Overview of Road Pavement Works Corin Bridson Overview of Section Overview of Surface Treatments Overview of Surface Treatments Hardness probe, Carpet tile test Site testing requirements Overview of Surface Treatment Overview of Surface Treatments UGM and CBGM - Compaction and stiffness Asphalt - Temperature & density measurement, site coring, surface regularity, texture depth HRA - positive texture and 3D Photogrammetry Reporting 1.00-2.15 Lunch Lunch All speakers Output Section Output Sectio	8.50-9.00	Registration		
David Hogan David Hogan Local Authority Specifications IS 844, Certification (CE & DOP)	9.00-9.15	Welcome and Introductions		
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David Hogan David Hogan Life Cycle Assessment Environmental Product Declarations (EPD) RAP & Warm Mix Asphalt 10.40 - 11.10 Coffee Break 11.10-11.30 Asphalt Pavement Works Corin Bridson 11.30-12.10 Surface Treatments Fergal Madden Fergal Madden Site Testing Requirements Seamus O'Reilly Seamus O'Reilly Lunch 1.00-2.15 Lunch 1.00-2.15 Lunch 2.15-3.15 Practical Demonstrations All speakers Practical Demonstrations All speakers Supervision of the Works Corin Bridson Supervision of the Works Corin Bridson Life Cycle Assessment Environmental Product Declarations (EPD) RAP & Warm Mix Asphalt Transport, Laying, Compaction Transport, Laying, Compaction Practical freatments Supervision of surface dressing chips Overview of surface treatments Hardness probe, Carpet tile test Site testing requirements Sampling & sample preparation LUGM and CBGM - Compaction and stiffness Asphalt - Temperature & density measurement, site coring, surface regularity, texture depth HRA - positive texture and 3D Photogrammetry Reporting 1.00-2.15 Lunch 1.00-2.15 Lunch 2.15-3.15 Practical Demonstrations All speakers Practical Product Declarations Practical Product Decensions Practical Product Declarations Practical Product Declarations Practical Product Declarations Practical Product Declara	9.40 - 10.20		AggregatesUnbound materialsAsphaltProduction Controls	
11.10-11.30 Asphalt Pavement Works Corin Bridson 11.30-12.10 Surface Treatments Fergal Madden 12.10-1.00 Site Testing Requirements Seamus O'Reilly 12.10-1.00 Seamus O'Reilly 13.10-1.10 Lunch 14.10-1.10 Practical Demonstrations All speakers 15.10-1.00 All speakers 15.10-1.00 Surface Treatments Seamus O'Reilly 15.10-1.00 Seamus O'Reilly 16.10-1.10 Seamus O'Reilly 17.10-1.10 Seamus O'Reilly 18.10-1.10 Seamus O'Reilly 19.10-1.10 Seamus O'Reilly 10.10-1.10 Seamus O'	10.20 - 10.40		Life Cycle AssessmentEnvironmental Product Declarations (EPD)	
Corin Bridson Surface Treatments Fergal Madden Participation	10.40 - 11.10	Coffee Break		
Fergal Madden Overview of surface treatments Hardness probe, Carpet tile test Site testing requirements Sampling & sample preparation UGM and CBGM - Compaction and stiffness Asphalt - Temperature & density measurement, site coring, surface regularity, texture depth HRA - positive texture and 3D Photogrammetry Reporting Lunch Lunch Practical Demonstrations All speakers Practical Demonstrations Sampling techniques for Road Materials Site testing for Surface dressing _ carpet tile test, hardness probe, rate of spread Concrete sampling and testing Supervision of the Works Corin Bridson Responsibilities, Reporting and records Best practice, Problems and Solutions	11.10-11.30		Transport, Laying, Compaction	
12.10-1.00 Site Testing Requirements Seamus O'Reilly ORAsphalt - Temperature & density measurement, site coring, surface regularity, texture depth HRA - positive texture and 3D Photogrammetry Reporting 1.00-2.15 Lunch Practical Demonstrations All speakers OPERATOR OF Road Materials Site testing for Surface dressing carpet tile test, hardness probe, rate of spread Concrete sampling and testing Supervision of the Works Corin Bridson Site Testing Requirements Texture Depth Density Measurements Sampling techniques for Road Materials Site testing for Surface dressing carpet tile test, hardness probe, rate of spread Concrete sampling and testing Road Pavement Types Responsibilities, Reporting and records Best practice, Problems and Solutions	11.30-12.10		Overview of surface treatmentsHardness probe, Carpet tile test	
2.15-3.15 Practical Demonstrations All speakers • Density Measurements • Sampling techniques for Road Materials • Site testing for Surface dressing_ carpet tile test, hardness probe, rate of spread • Concrete sampling and testing 3.15-3.40 Supervision of the Works Corin Bridson • Responsibilities, Reporting and records • Best practice, Problems and Solutions	12.10-1.00		 Sampling & sample preparation UGM and CBGM - Compaction and stiffness Asphalt - Temperature & density measurement, site coring, surface regularity, texture depth HRA - positive texture and 3D Photogrammetry 	
All speakers Density Measurements Sampling techniques for Road Materials Site testing for Surface dressing_carpet tile test, hardness probe, rate of spread Concrete sampling and testing Supervision of the Works Corin Bridson Responsibilities, Reporting and records Best practice, Problems and Solutions	1.00-2.15	Lunch		
3.15-3.40 Supervision of the Works Corin Bridson • Road Pavement Types • Responsibilities, Reporting and records • Best practice, Problems and Solutions	2.15-3.15		 Density Measurements Sampling techniques for Road Materials Site testing for Surface dressing_carpet tile test, hardness probe, rate of spread 	
	3.15-3.40		Road Pavement TypesResponsibilities, Reporting and records	
	3.40-3.50	Questions & Discussion		