

Training Course

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

3 October 2024 Stranorlar Regional Training Centre









Registration Specifications and Standards EN standards & NSAI SR 28 Local Authority Specifications IS 844, Certification (CE & DOP)	TRAINING COURSE PROGRAMME			
9.15-9.40 David Hogan David Hogan 9.40 - 10.20 Overview of Road Pavement Materials Ciaran Collier Ciaran Collier David Hogan 9.40 - 10.40 Overview of Road Pavement Materials Ciaran Collier Ciaran Collier David Hogan 10.20 - 10.40 Sustainability David Hogan 10.40 - 11.10 Coffee Break 11.10-11.30 Asphalt Pavement Works Corin Bridson Corin Bridson 12.10-1.00 Site Testing Requirements Seamus O'Reilly Seamus O'Reilly David Hogan 10.20-10.40 Site Testing Requirements Seamus O'Reilly David Hogan 10.20-10.40 Site Testing Requirements Seamus O'Reilly David Hogan All speakers Practical Demonstrations All speakers Supervision of the Works Corin Bridson Surface Treatments Fractical Demonstrations All speakers Supervision of the Works Corin Bridson Supervision of the Works Best practice, Problems and Solutions	8.50-9.00	Registration		
David Hogan Local Authority Specifications IS 844, Certification (CE & DOP)	9.00-9.15	Welcome and Introductions		
Ciaran Collier Ciarcon Factory Production Control & Routine Testing Ciarcon Ciarcon Ciarcon Collier Ciarcon C	9.15-9.40		Local Authority SpecificationsIS 844, Certification (CE & DOP)	
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 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 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 Overview of surface dressing chips Overview of surface treatments 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 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 Responsibilities, Reporting and records Responsibilities, Reporting and records	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 13.10-12.15 Lunch 14.10-15 25.15-3.15 Practical Demonstrations All speakers Asphalt - Temperature & density measurement, site coring, surface dressing changes are speakers Asphalt - Temperature & density measurement, site coring, surface dressing changes are speakers Asphalt - Temperature & density measurement, site coring, surface dressing changes are speakers Asphalt - Temperature & density measurement, site coring, surface dressing changes are speakers As			Life Cycle AssessmentEnvironmental Product Declarations (EPD)	
Corin Bridson	10.40 - 11.10			
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 ORA Seamus O'Reilly Seamus O'Reilly ORA Seamus O'Reilly	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 3.15-3.40 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	· · · · · · · · · · · · · · · · · · ·	