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BS 7976-2 Test Certificate

Unfilled

Test conducted 11/02/20 by Ben Powers, at Munro Instruments, to UKSRG Guidelines

Image 1. Pendulum tester in-situ

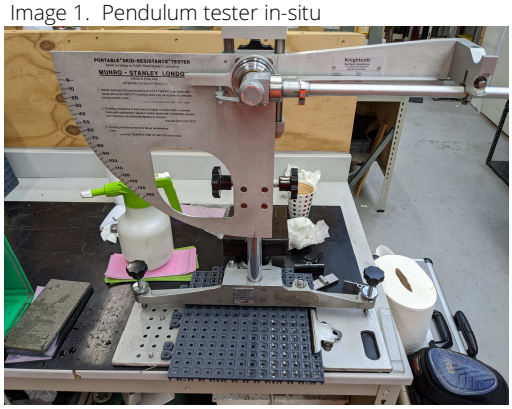
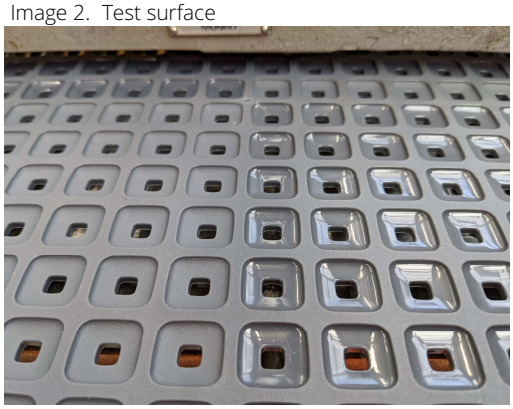


Image 2. Test surface



Pendulum Test Results

Slider #55/TRL

Direction	Condition	Pendulum Test Value					Median PTV	Lowest PTV	Slip Risk Classification
Principal	Dry	107	107	107	107	107	107	107	Low
45˚		109	109	109	109	109	109		
90˚		106	106	107	107	107	107		
Principal	Wet	47	52	55	55	56	55	54	Low
45˚		57	58	59	60	61	59		
90˚		51	53	54	55	55	54		

Results generated using a BS 7976 Munro Portable Skid Tester, serial number 0852. The device was calibrated by KSS on 05/03/19, certificate number CN681. The above results have been classified in accordance with the latest UK Slip Resistance Group Guidelines (Issue 5, 2016) and current UK Health & Safety Executive guidance.

Rz Surface Roughness Results

Direction	Principal				45˚			90˚			Mean Rz Value (µm)
Rz Value (µm)											n/a

Results not recorded as the surface presents a macro-profile, particulate based profile, or is otherwise unsuitable for measurement with the roughness meter.

Declaration

The above assessment was carried out by Munro Instruments adhering to the UKSRG and HSE guidelines on pedestrian slip risk assessment. The results given are accurate representations of data acquired on site. The results have been interpreted to give slip risk classifications based on parameters recommended by the UKSRG and HSE.

Signed:

Ben Powers, BSc (Hons) TechIOSH MAE
Slip Risk Consultant
Munro Instruments
12/02/20

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BS 7976-2 Test Certificate

Sample 1

Test conducted 04/03/20 by Ben Powers, at Agent Draw, to UKSRG Guidelines

Image 1. Pendulum tester in-situ

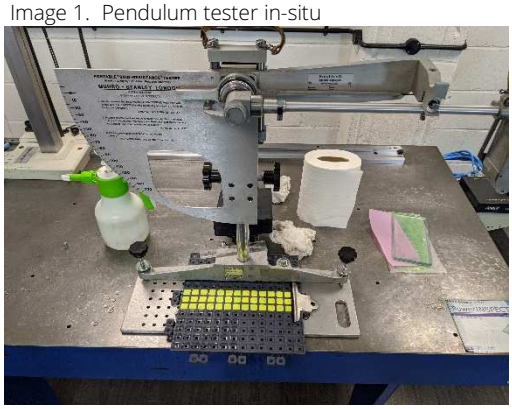

Image 2. Test surface

Pendulum Test Results

Slider #55/TRL

Direction	Condition	Pendulum Test Value					Median PTV	Lowest PTV	Slip Risk Classification
Principal	Dry	64	62	62	62	61	62	62	Low
45˚		96	97	98	98	98	98		
90˚		82	87	86	86	86	86		
Principal	Wet	51	49	49	49	49	49	37	Low
45˚		37	37	37	37	37	37		
90˚		61	61	61	61	61	61		

Results generated using a BS 7976 Munro Portable Skid Tester, serial number 0852. The device was calibrated by KSS on 05/03/19, certificate number CN681. The above results have been classified in accordance with the latest UK Slip Resistance Group Guidelines (Issue 5, 2016) and current UK Health & Safety Executive guidance.

Rz Surface Roughness Results

Direction	Principal				45˚			90˚			Mean Rz Value (µm)
Rz Value (µm)											n/a

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05/03/20

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BS 7976-2 Test Certificate

Sample 2

Test conducted 04/03/20 by Ben Powers, at Agent Draw, to UKSRG Guidelines

Image 1. Pendulum tester in-situ

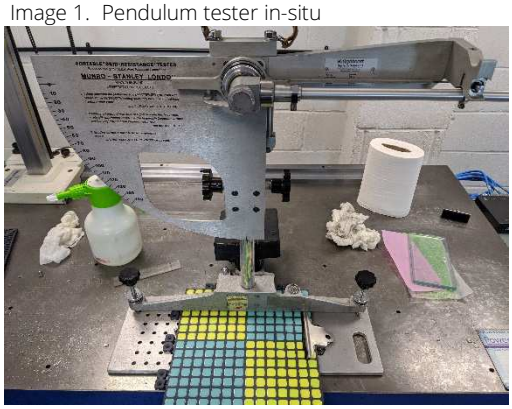

Image 2. Test surface

Pendulum Test Results

Slider #55/TRL

Direction	Condition	Pendulum Test Value					Median PTV	Lowest PTV	Slip Risk Classification
Principal	Dry	113	115	116	116	117	116	99	Low
45˚		101	101	99	99	99	99		
90˚		111	111	111	111	111	111		
Principal	Wet	59	59	59	59	59	59	51	Low
45˚		51	51	51	51	51	51		
90˚		71	70	69	70	70	70		

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Rz Surface Roughness Results

Direction	Principal				45˚			90˚			Mean Rz Value (µm)
Rz Value (µm)											n/a

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BS 7976-2 Test Certificate

Sample 3

Test conducted 04/03/20 by Ben Powers, at Agent Draw, to UKSRG Guidelines

Image 1. Pendulum tester in-situ

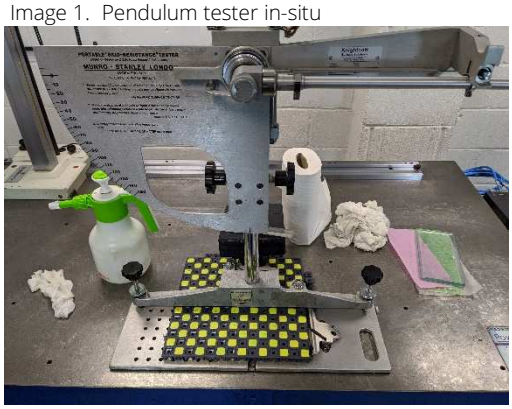

Image 2. Test surface

Pendulum Test Results

Slider #55/TRL

Direction	Condition	Pendulum Test Value					Median PTV	Lowest PTV	Slip Risk Classification
Principal	Dry	102	101	101	101	101	101	88	Low
45˚		87	88	88	88	88	88		
90˚		102	102	102	102	102	102		
Principal	Wet	61	61	61	61	61	61	55	Low
45˚		52	54	55	56	56	55		
90˚		64	63	63	63	63	63		

Results generated using a BS 7976 Munro Portable Skid Tester, serial number 0852. The device was calibrated by KSS on 05/03/19, certificate number CN681. The above results have been classified in accordance with the latest UK Slip Resistance Group Guidelines (Issue 5, 2016) and current UK Health & Safety Executive guidance.

Rz Surface Roughness Results

Direction	Principal				45˚			90˚			Mean Rz Value (µm)
Rz Value (µm)											n/a

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Sample 1

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Image 1. Pendulum tester in-situ

Image 2. Test surface

Pendulum Test Results

Slider #96/4S

Direction	Condition	Pendulum Test Value					Median PTV	Lowest PTV	Slip Risk Classification
Principal	Dry	73	74	75	76	76	75	54	Low
45˚		54	54	54	55	55	54		
90˚		62	62	62	63	63	62		
Principal	Wet	55	51	51	52	53	52	43	Low
45˚		43	43	43	43	43	43		
90˚		48	48	48	48	48	48		

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Rz Surface Roughness Results

Direction	Principal				45˚			90˚			Mean Rz Value (µm)
Rz Value (µm)											n/a

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Sample 2

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Image 1. Pendulum tester in-situ

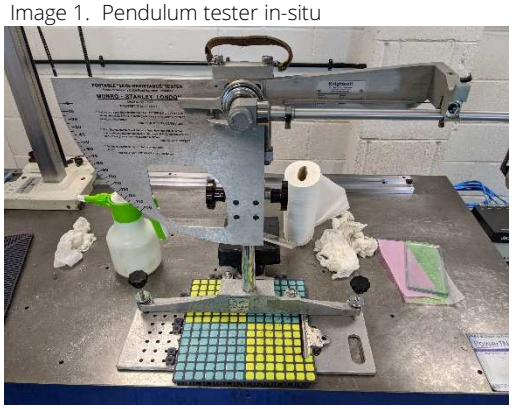

Image 2. Test surface

Pendulum Test Results

Slider #96/4S

Direction	Condition	Pendulum Test Value					Median PTV	Lowest PTV	Slip Risk Classification
Principal	Dry	64	65	66	66	66	66	60	Low
45˚		61	60	60	59	59	60		
90˚		68	67	67	66	66	67		
Principal	Wet	61	61	61	62	62	61	51	Low
45˚		51	51	51	52	52	51		
90˚		62	61	61	61	61	61		

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Rz Surface Roughness Results

Direction	Principal				45˚			90˚			Mean Rz Value (µm)
Rz Value (µm)											n/a

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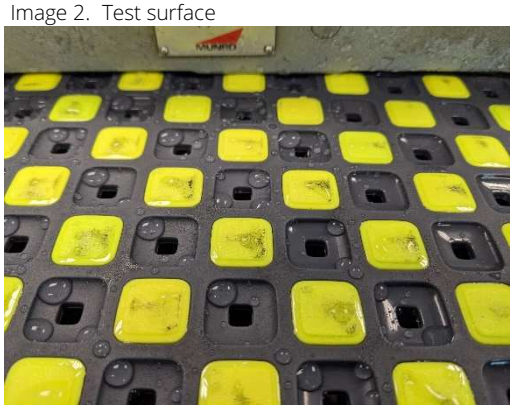
Image 2. Test surface



Pendulum Test Results

Slider #96/4S

Direction	Condition	Pendulum Test Value					Median PTV	Lowest PTV	Slip Risk Classification
Principal	Dry	64	63	63	63	62	63	61	Low
45˚		61	61	61	61	61	61		
90˚		64	64	61	64	64	64		
Principal	Wet	60	61	61	61	61	61	44	Low
45˚		44	44	44	44	44	44		
90˚		54	53	52	52	52	52		

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Rz Surface Roughness Results

Direction	Principal				45˚			90˚			Mean Rz Value (µm)
Rz Value (µm)											n/a

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