Schedule of Accreditation

issued by

United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

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Accredited to ISO/IEC 17025:2017

BALFOUR BEATTY PLC T/A
Balfour Beatty Transport Energy Power Major Projects

Issue No: 125 **Issue date:** 08 November 2026

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Testing performed by the Organisation at the locations specified below

Balfour Beatty TEPMP has demonstrated its competence to establish new temporary site laboratories to conduct the testing activities covered by the scope of their accreditation in accordance with their procedure ENG-PR-0212-LAB
Current locations covered by the scope of accreditation: NCL = No Current Location
Methods not included within the flexible scope of accreditation: *

Location details		Activity	Location code
Balfour Beatty CWA Sizewell C Laboratory MCA Main Office Sizewell Gap Leiston IP16 4UR What3words: announce.contracting.shovels	**Local contact** Mr K Hill Tel: +44(0) 7870504233 Email: kevin.hill@sizewellc.com	Sampling and testing of aggregates, fresh and hardened concrete and soils for civil engineering purposes.	F
CWA Materials Laboratory Eastern Concrete Ltd Eastlands Business Park Eastlands Road IP16 4LL What3words: outraged.calibrate.self	**Local contact** Mr K Hill Tel: +44(0) 7870504233 Email: kevin.hill@sizewellc.com	Sampling and testing of aggregates, fresh and hardened concrete and soils for civil engineering purposes.	G
Balfour Beatty Materials Laboratory Sizewell C, Capper Lane Laboratory BBV Site Compound Cappers Lane Lichfield WS14 9JP What3words: rising.loafing.astounded	**Local contact** Mr K Hill Tel: +44(0) 7870 504233 Email: kevin.hill@sizewellc.com	Sampling and testing of aggregates and soils for civil engineering purposes. Sampling of cement.	P

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Location details		Activity	Location code
Balfour Beatty Materials Laboratory BBVF Compound Easton Lane Winchester Hampshire SO23 7GR What3words: pothole.playfully.caller	**Local contact** Mr J Lockley Tel: +44(0) 7549 211460 Email: James.Lockley@balfourbeatty.com	Sampling and testing of aggregates, grout, fresh and hardened concrete, road pavement surfaces and soils for civil engineering purposes	U
Balfour Beatty Laboratory A57 Link Roads Project Balfour Beatty Compound Hyde Road, Mottram in Longdendale Greater Manchester SK14 6NG What3words: reaming.cement.reshaping	**Local contact** Mr J Williams Tel: +44(0) 7359721840 Email: Jordan.Williams@BalfourBeatty.com	Sampling and testing of aggregates, grout, fresh and hardened concrete, and soils for civil engineering purposes	V
Balfour Beatty Laboratory Net-Zero Teesside Project Redcar Steelworks Teesside TS10 5QW What3words: jolly.mass.blitz	**Local contact** Mr K Savage Tel: +44(0) 7784 219409 Email: Kieran.Savage@BalfourBeatty.com	Sampling and testing of aggregates, grout, fresh and hardened concrete, and soils for civil engineering purposes	W
Balfour Beatty Materials Laboratory Middlewich Bypass Site Compund Tetton Lane Middlewich Cheshire CW10 0HE What3words: owned.movements.paving	**Local contact** Mr J Williams Tel: +44(0) 7359721840 Email: Jordan.Williams@BalfourBeatty.com	Sampling and testing of aggregates, fresh concrete, and soils for civil engineering purposes	M
Balfour Beatty Materials Laboratory Sizewell C Martine & Tunnels Balfour Beatty Compound Royal Edward Dock T-Berth Avonmouth Bristol BS11 9BW What3words: coasting.backup.craters	**Local contact** Mr Dmitrijs Djackovs Tel: +44(0) 7484012751 Email: Dmitrijs.Djackovs@BalfourBeatty.com	Sampling and testing of aggregates, grout, fresh and hardened concrete, and soils for civil engineering purposes	A

Location details		Activity	Location code
Skye 132kV Reinforcement Balfour Beatty Glen Mor Yard, Invergarry (South of Fort Augustus) PH35 4HT What3words: outings.observe.thrillers	**Local contact** Mr Miroslaw Ciez Tel: +44(0) 7429 317511 Email: miroslaw.ciez@balfourbeatty.com	Sampling and testing of aggregates, fresh and hardened concrete and soils for civil engineering purposes.	C

High Speed 2 Projects

Location details		Activity	Location code
Balfour Beatty Vinci HS2 A46 Kenilworth Laboratory Ashow Road Stoneleigh Coventry CV8 3DJ What3words: hype.panic.brick	**Local contact** Mr A Torrance Tel: +44(0) 7811 205405 Email**:** Andrew.torrance@balfourbeattyvinci.com	Sampling and testing of aggregates, grout, fresh and hardened concrete, road pavement surfaces and soils for civil engineering purposes	B
Balfour Beatty Vinci HS2 M6 Loop Laboratory N21 Gate 17 Coleshill Heath Road Coleshill B46 3HN What3words: rock.analorty.myself	**Local contact** Mr A Torrance Tel: +44(0) 7811 205405 Email**:** Andrew.torrance@balfourbeattyvinci.com	Sampling and testing of aggregates, grout, fresh and hardened concrete and soils for civil engineering purposes	E
Balfour Beatty Vinci HS2 Cappers Lane Laboratory BBV Site Compound Cappers Lane Lichfield WS14 9JP What3words: rising.loafing.astounded	**Local contact** Mr A Torrance Tel: +44(0) 7811 205405 Email: Andrew.torrance@balfourbeattyvinci.com	Sampling and testing of aggregates, grout, fresh and hardened concrete, road pavement surfaces and soils for civil engineering purposes	X

Site activities performed away from the locations listed above:

Location details	Activity	Location code
All sites suitable for the activities listed	Sampling of aggregates, bituminous mixtures, fresh concrete, earthworks materials and cement. On-site testing of concrete, bituminous mixtures, paved surfaces, bituminous road surfacing, road pavement surfaces and soils for civil engineering purposes.	S

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES	Sampling from conical stockpiles	BS EN 932-1:1997:Annex C	S, X, B, E, P, U, V, W, F, G,M, A, C
	Sample reduction :- - using a riffle box - by quartering - to a test portion of specified mass	BS EN 932-2:1999:Clause 8, 10 & 11	S, X, B, E, P, U, V, W, F, G, A, C
	Particle size distribution	BS EN 933-1:2012	X, B, E, P, U, V, W, A, F, C
	Flakiness index	BS EN 933-3:2012	X, B, E, P, A, F
	Shape index	BS EN 933-4: 2008	X, P, F
	Shell content	BS EN 933-7:1998	NCL
	Assessment of fines - methylene blue test	BS EN 933-9:2009 BS EN 933-9:2022	X, P
	Classification for the constituents of coarse recycled aggregate	BS EN 933-11:2009	X, B, E, V
	Resistance to wear (micro -Deval)	BS EN 1097-1:2011 BS EN 1097-1:2023	E
	Resistance to fragmentation (Los Angeles Abrasion)	BS EN 1097-2:2010 BS EN 1097-2:2020	E, V
	Loose bulk density and voids	BS EN 1097-3:1998	X, B, E, P, U, V, W, A, F, C
	Drying Shrinkage	BS EN 1367-4:2008	NCL
	Water content by drying in a ventilated oven	BS EN 1097-5:2008	X, B, E, P, U, V, W, G, A, F, C
	Particle density and water absorption	BS EN 1097-6:2013 BS EN 1097-6:2022	X, B, E, P, U, V, W, F, C
	Fineness Modulus – Calculation only	BS EN 12620: 2002 Annex B	A, F

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
AGGREGATES (cont'd)	Uniformity coefficient	BS EN 14688-2: 2018	B, E, X, P, U, V, W, C, F
	Determination of particle size distribution by sieving method	BS ISO 20290-5:2023	W
	Friability coefficient for fine aggregate	NF P18-576:1990	E
Rock	Determination of point load strength and anisotropy indices	The Complete ISRM Suggested Methods – Rock Characterization Testing and Monitoring 1974 – 2006, Editors: R Ulusay & J A Hudson	E
BITUMINOUS MIXTURES for roads and other paved areas	Sampling - around the augers of a paver - heaps of workable material - in laid and compacted material by coring method	BS EN 12697-27:2017	S, U
	Particle size distribution	BS EN 12697-2: 2015+A1:2019	NCL
	Maximum density - volumetric procedure	BS EN 12697-5:2018	E, U
	Determination of bulk density of bituminous specimens - Dry - Saturated Surface Dry - Sealed specimen - Dimensions	BS EN 12697-6:2020	E, U
	Air voids content	BS EN 12697-8:2018	E, U
	Percentage refusal density (PRD) by vibratory compaction	BS EN 12697-9:2002	E, U

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
BITUMINOUS MIXTURES for roads and other paved areas (cont'd)	Temperature measurement - Measurement material temperature after it has been laid and before or during rolling - Measurements of temperature in a heap	BS EN 12697-13:2017 Contact thermometer	S
	Temperature measurement - Measurements of temperature in a heap - Measurements of temperature in a paver hopper	BS EN 12697-13:2017 Infrared-thermometer	S
	Preparation of samples Dimensions of a specimen	BS EN 12697-28:2020 BS EN 12697-29:2020	E, S E, U
	Determination of the Thickness of a Bituminous Pavement	BS EN 12697-36:2022	U
	Binder content by ignition	BS EN 12697-39:2004	NCL
	Laboratory compaction of bituminous mixtures by vibratory compaction	BS EN 12697-32:2019	E, U
GROUT	Flow	ASTM C939-22	S, X, B, E, U, V, W, A, C
	Marsh funnel viscosity of clay construction slurries	ASTM D6910/D6910M - 19	NCL
	Testing fresh concrete – density. (Density of grout)	BS EN 12350-6: 2019	NCL
	Expansion and Bleeding of Freshly Mixed Grouts for Preplaced-Aggregate Concrete in the Laboratory	ASTM C940 - 22	NCL
	Flow of Grout for Preplaced-Aggregate Concrete (Flow Cone Method)	ASTM C939/C939M − 22	E
	Flow Between Glass Plates	Documented In-house Method: ENG-PR-0252-LAB	E

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
GROUT (cont'd)	Change in Height at Early Ages of Cylindrical Specimens of Cementitious Mixtures	ASTM 827-01a	E
	Compressive strength of Cementitious Bedding Mortars	BS EN 12390-3:2019	E
CONCRETE - fresh	Sampling fresh concrete on site	BS EN 12350-1:2019	S, X, B, E, U, V, W, F, G, M, A, C
	Concrete temperature	BS 8500-2 + A2:2019 Clause 5.4	S, U, V, W, F, G, A, C
	Slump	BS EN 12350-2:2019	S, X, A, B, E, U, V, W, F, G, M, A, C
	Vebe	BS EN 12350-3:2019	S
	Degree of compactability	BS EN 12350-4:2019	S, U
	Flow	BS EN 12350-5:2019	S, X, B, E, U, V, W, F, G, M, A, C
	Density	BS EN 12350-6:2019	S, B, X, E, U, V, W, G, A, C, F
	Air content - pressure gauge method	BS EN 12350-7:2019	S, X, B, E, U, V, W, G, F
	Slump-flow test of self-compacting concrete	BS EN 12350-8:2019	S, E, F, G, C
	Self-Compacting Concrete – V-Funnel Test	BS EN 12350-9:2010	W
	L Box Test	BS EN 12350-10:2010	S
	Self-Compacting Concrete – J-Ring Test	BS EN 12350-12:2010	W
	Methods for mixing and sampling fresh concrete in the laboratory	BS 1881-125:2013	NCL

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
CONCRETE – fresh (cont'd)	Bauer Pressure Filtration	CIA Z17- Recommended Practice, Tremie Concrete for Deep Foundations	F, G
	Making and curing specimens for strength tests	BS EN 12390-2:2019	S, X, B, E, U, V, W, F, G, M, A, C
	Determination of bleeding (admixtures for concrete)	BS EN 480-4:2005	NCL
	Fibre content of fibre re-inforced concrete	BS EN 14488-7:2006 Method B	B
CONCRETE - hardened	Compressive strength of cubes including curing	BS EN 12390-1:2012 BS EN 12390-1:2021	X, B, E, U, V, W, G, A, C
		BS EN 12390-2:2019	X, B, E, U, V, W, G, A, C
		BS EN 12390-3:2019	X, B, E, U, V, W, G, A, C
	Flexural strength	BS EN 12390-5:2019	NCL
	Tensile splitting strength	BS EN 12390-6:2023	P
	Density	BS EN 12390-7:2019 + AC 2020	X, B, E, U, V, W, G, A, F, C
	Depth of penetration of water under pressure	BS EN 12390-8 2019	E
	Determination of the shrinkage of concrete	BS EN 12390-16 2019	NCL
	Cored specimens - taking, examining and testing in compression	BS EN 12504-1:2019	S, X, B, E, M
	Concrete rebound number	BS EN 12504-2:2021	S
	Length change of concrete prisms	ASTM C341-06	NCL
	Fibre content of fibre re-inforced concrete	BS EN 14488-7:2006 Method A	NCL

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
CONCRETE – reinforced	Location of reinforcement	BS 1881:Part 204:1998	S
	Concrete condition survey	Documented In-house Method ENG-PR-0224-LAB	S
MORTAR for masonry	Determination of consistence of fresh mortar (by flow table)	BS EN 1015-3:1999	NCL
ROAD PAVEMENT SURFACES	Surface regularity using a rolling straight-edge	Specification for Highway Works, TSO 2018, Clause 702 and TPS 25	S, U
	Texture depth by the sand patch method	BS 598:Part 105:2000	S
	Macrotexture depth using a volumetric patch technique	BS EN 13036-1:2010	S, U
	Description of cores from highway investigations	DIHM ENG-PR-0223-LAB Considering CS229 Revision: 0	X, B, E, U, C
BITUMINOUS ROAD SURFACING	Determination of in-situ density using a pavement Quality Indicator	DIHM ENG-PR-0225-LAB based on Annex I of BS EN 594987: 2015 clause 9.4.2	S, U
PAVED SURFACES	Slip resistance of a surface – the pendulum test	BS 7976:Part 2:2002+A1:2013	S
	Slip/skid resistance of a surface - the pendulum test	BS EN 13036-4 : 2011	S
SOILS and STABILISED SOILS for civil engineering purposes, UNBOUND and HYDRAULICALLY BOUND MIXTURES	Moisture content - oven drying method	BS 1377:Part 2:1990	X, B, E, C, F
	Saturation moisture content of chalk	BS 1377:Part 2:1990 BS 1377:Part 2:2022	U

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
SOILS and STABILISED SOILS for civil engineering purposes, UNBOUND and HYDRAULICALLY BOUND MIXTURES (cont'd)	Plastic limit	BS 1377:Part 2:1990	X, B, E, P, U, V, W, F, C
	Liquid limit -cone penetrometer -cone penetrometer (one point)	BS 1377:Part 2:1990	X, B, E, P, U, V
	Plasticity index and liquidity index	BS 1377:Part 2:1990	X, B, E, P, U, V
	Particle size distribution - wet and dry sieving	BS 1377:Part 2:1990	X, B, E, P, U, V, W, F, C
	Particle size distribution - sedimentation - pipette method	BS 1377:Part 2:1990	X, P
	Particle density - gas jar method	BS 1377:Part 2:1990	X, B, E, P, U, V, W
	pH value	BS 1377-3: 2018 + A1:2021 Lab Clause 12	X, P, U
	Dry density/moisture content relationship (2.5 kg rammer)	BS 1377:Part 4:1990	X, B, E, P, U, V, W, F, C
	Dry density/moisture content relationship (4.5 kg rammer)	BS 1377:Part 4:1990	X, B, E, P, U, V, W, F, C
	Dry density/moisture content relationship (vibrating hammer)	BS 1377:Part 4:1990	X, B, E, P, U, V, W, F, C
	Moisture condition value	BS 1377:Part 4:1990	X, B, E, P, U, V, C
	California Bearing Ratio (CBR) Including soaking	BS 1377:Part 4:1990	X, B, E, P, U, F
	Shear strength by direct shear (Large shear box apparatus)	BS 1377 Part 7:1990*	E
	Determination of effective angle of internal friction and effective cohesion of earthworks materials (Using 300mm shear box)	Specification for Highways Works Clause 636*	E

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
SOILS and STABILISED SOILS for civil engineering purposes, UNBOUND and HYDRAULICALLY BOUND MIXTURES (cont'd)	Undrained shear strength - Triaxial compression without measurement of pore pressure	BS 1377 Part 7:1990*	E
	Consolidated drained triaxial compression. (Test with measurement of pore pressure and volumetric changes)	BS 1377 Part 8:1990*	E
	In-situ density- sand replacement method (large & small cylinder)	BS 1377:Part 9:1990	S, F, C
	In-situ density - core cutter method	BS 1377:Part 9:1990	S, C
	In-situ density - nuclear compliance testing	BS 1377:Part 9:1990	S, X, B, E, P, U, V, W, M, F, C
	Vertical deformation and strength characteristics by the plate loading test	BS 1377:Part 9:1990	S, X, B, E, P, U, V, W, M, A, F, C
	Calculation of equivalent CBR values using the plate loading test	Design Manual for Roads and Bridges V7:Pavement Design and Maintenance – Foundations	S, X, B, E, P, U, V, W, M, A, F, C
	Dynamic Cone Penetrometer	BS 1377 : Part 9 : 2025	S, X, B, E, P, U, V, W, M, F, C
	Moisture content - oven drying method	BS 1924:Part 2:1990	F
	In-situ density - nuclear gauge method	BS 1924:Part 2:1990	S, X, B, E, P, U, V, F
	Initial consumption of lime	BS 1924:Part 2:2018	X, B, E
	Reference density and water content - Proctor compaction	BS EN 13286-2:2010	X, B, E, P, U, V, F
	Laboratory reference density and water content - vibrating hammer method	BS EN 13286-4:2003	X, B, E, P, U, V, W, F
	Indirect tensile strength	BS EN 13286-42 : 2003	X, P, F

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
SOILS and STABILISED SOILS for civil engineering purposes, UNBOUND and HYDRAULICALLY BOUND MIXTURES (cont'd)	Moisture condition value	BS EN 13286-46: 2003	X, B, E
	California bearing ratio, immediate bearing index and linear swelling	BS EN 13286-47: 2012	X, B, E, P, U, F
	Degree of pulverization	BS EN 13286-48:2005	X, B, E, U
	Manufacture of test specimens using vibrating hammer	BS EN 13286-51:2004	S, X, B, E, P, U, V, F
	Compressive strength of cubic specimens	BS EN 13286-41:2003	X, B, E, P, U, V, F, G
	Uniformity coefficient	SHW: Series 600:Table 6-1:Footnote 5	X, B, E, P, U, V, W, F, C
	Hand shear vane	Guideline for handheld shear vane test: New Zealand Geotechnical Society Inc August 2001	S, X, B, E, U, V, F, C
	Dynamic Cone Penetrometer	Documented In-house Method ENG-PR-0217-LAB	S, X, B, E, P, U, V, W, F, C
	Dynamic Cone Penetrometer	CS 229 – Data for Pavement Assessment 2025	S, X, B, E, P, U, V, W, C, F
	Calculation of the estimated subgrade surface modulus value using the Dynamic Cone Penetrometer	CD 225 – Design for new Pavement Foundations 2025	S, X, B, E, P, U, V, W, F, C,
	Sampling earthworks materials	Documented In-house Method ENG-PR-0213-LAB	S, X, B, E, P, U, V, W, F, G, M, C
	In-Situ dry relative density by core cutter method	ENA TS 97-1 issue 3 : 2021, Annex B	S, V, C
GEOTECHNICAL INVESTIGATION and TESTING	Water content	BS EN ISO 17892-1:2014	X, B, E, F, P, U, V, W, G, C

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
CEMENT	Taking and preparing samples of cement and GGBS (Ground Granulated Blast-furnace Slag) – sampling from silos	BS EN 196-7:2008	P, F
	Compressive strength	BS EN 196-1:2016	NCL
	Setting time	BS EN 196-3:2016	NCL
	Soundness	BS EN 196-3:2016	NCL
	Fineness - air permeability (Blaine) method	BS EN 196-6:2010	NCL
	Fineness- air jet sieving method	BS EN 196-6:2010	NCL
GROUND GRANULATED BLASTFURNACE SLAG for use with Portland Cement	Activity Index	EN 15167-1:2006 BS EN 196-1	NCL
	Setting time	EN 15167-1:2006 BS EN 196-3	NCL
	Soundness	EN 15167-1:2006 BS EN 196-3	NCL
	Fineness - air permeability (Blaine) method	EN 15167-1:2006 BS EN 196-6	NCL
STRUCTURAL FIXINGS	Measurement of bond strength by pull off	BS EN 1542:1999	S
END			