



شهادة تعيين Designation Certificate

Name of the CAB	مختبرات ويعبي ذ.م.م Wimpey Laboratories LLC	اسم الجهة
CAB identification number	D-LAB-016	الرقم التعريفي للجهة
Initial designation date	28 th Jan. 2020	تاريخ التعيين الأول
Current designation date:	28 th Jan. 2023	تاريخ التعيين الحالي
Designation expiry date	27 th Jan. 2026	تاريخ انتهاء التعيين
Address	Musaffah Industrail M-34, Abu Dhabi, UAE	العنوان
Designation scopes	See appendix (A)	مجال التعيين


Dr. Helal Al Kaabi
Secretary General



- This certificate is invalid without the scope of designation published on QCC website.
- Designated CAB shall maintain the compliance to designation requirements during the designation period.
- This is an electronic certificate and does not require stamp.
- Visit our website to verify this certificate: www.qcc.gov.ae
- Any changes or modification on this certificate will affect its validity.

- هذه الشهادة غير صالحة بدون مجال التعيين المنشور على موقع المجلس.
- يجب على الجهة المعينة استمرارية تحقيق متطلبات التعيين خلال فترة التعيين.
- هذه الشهادة صدرت إلكترونياً ولا تحتاج إلى ختم.
- للتأكد من صحة هذه الشهادة يرجى زيارة موقع المجلس الإلكتروني: www.qcc.gov.ae
- أي كشط أو تغيير في هذه الشهادة يلغيها

Appendix (A)

Scope of Designation

Name of the CAB	مختبرات ويمبي ذ.م.م Wimpey Laboratories LLC	اسم الجهة
CAB identification number	D-LAB-016	الرقم التعريفي للجهة
Initial designation date	Jan.28, 2020	تاريخ التعيين الأول
Current designation date	Jan.28, 2023	تاريخ التعيين الحالي
Designation expiry date	Jan.27, 2026	تاريخ انتهاء التعيين
Address		Contact person
Country	United Arab Emirates	Name Vigneswar Sidhardhan
Emirate	Abu Dhabi	Position Operations Manager
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Google map location	https://goo.gl/maps/VpCk3eF71XouD1g66	Website www.wimpeylab.com

Scope of Designation

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
1	Construction and Engineering Materials	Chemical	Aggregates		Water Soluble Chloride Content		BS 812-117:1988	(MDL 0.01%)	P	ENAS	1
2	Construction and Engineering Materials	Chemical	Aggregates		Water Soluble Sulphate Content		BS 812-118:1988	(MDL 0.01%)	P	ENAS	2
3	Construction and Engineering Materials	Chemical	Aggregates		Acid Soluble Sulphate Content		BSEN 1744:1:2009+ A1:2012 Cl.12		P	ENAS	3
4	Construction and Engineering Materials	Chemical	Aggregates		Acid Soluble Chloride Content		BSEN 1744:1:2006		P	ENAS	4
5	Construction and Engineering Materials	Chemical	Aggregates	Concrete	Organic Impurity aggregate for concrete		ASTM C40-40M-20, Cl 10.1		P	ENAS	5
6	Construction and Engineering Materials	Chemical	Concrete		Acid soluble Chloride content		BS 1881-124:2015 Cl 12.1	(MDL 0.01%)	P	ENAS	6
7	Construction and Engineering Materials	Chemical	Concrete		Acid soluble Sulphate content		BS 1881-124:2015 Cl 12.2	(MDL 0.01%)	P	ENAS	7
8	Construction and	Chemical	water	Ground water	Sulphate		BS 1377-3: 2015 Cl 7.8 & 7.6	(MDL 0.01 g/l)	P	ENAS	8



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	Engineering Materials										
9	Construction and Engineering Materials	Chemical	water	Ground water	Chloride		BS 1377-3: 2018 Cl 9.2	(MDL 0.01 %)	P	ENAS	9
10	Construction and Engineering Materials	Chemical	Ground Water	Ground Water	pH		BS 1377-3:2018;Cl.12		P	ENAS	10
11	Construction and Engineering Materials	Chemical	Water	Ground Water	Total Dissolved Solids		BS 1377-3:2018,Cl.11		P	ENAS	11
12	Construction and Engineering Materials	Chemical	Soil		Acid Soluble Sulphate Content of Soil		BS 1377-3: 2018, Cl 7.9 & 7.6	(MDL 0.01 %)	P	ENAS	12
13	Construction and Engineering Materials	Chemical	Soil		Water Soluble Sulphate Content of Soil		BS 1377-3: 2018, Cl 7.3 & 7.6	(MDL 0.01 %)	P	ENAS	13
14	Construction and Engineering Materials	Chemical	Soil		Acid Soluble Chloride content of Soil		BS 1377-3:2018,Cl 9.3	(MDL 0.01 %)	P	ENAS	14
15	Construction and Engineering Materials	Chemical	Soil		Water Soluble Chloride Content of Soil		BS 1377-3:2018 Cl 9.2	(MDL 0.01 %)	P	ENAS	15

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16	Construction and Engineering Materials	Chemical	Soil		pH		BS 1377-3:2018 Cl 12	(0 to 14)	P	ENAS	16
17	Construction and Engineering Materials	Chemical	Soil	Soil	Organic matter content of soil		BS 1377-3:2018, Cl.4		P	ENAS	17
18	Construction and Engineering Materials	Chemical	Soil	Soil	Carbonate content of soil		BS 1377-3:2018, Cl.8.3		P	ENAS	18
19	Construction and Engineering Materials	Chemical	Soil	Soil	Soluble salts content of soil		Earth Manual Designation E-8		P	ENAS	19
20	Environmental Testing	Chemical	Sludge		"Total Solids at 105 °C		APHA 2540 G, 23rd Ed.2017	(MDL 0.01%)	P	ENAS	20
21	Environmental Testing	Chemical	Sludge		Volatile Solids at 550 °C		APHA 2540 G, 23rd Ed.2017	(MDL 0.01%)	P	ENAS	21
22	Environmental Testing	Chemical	Sludge		Fixed Solids at 550 °C		APHA 2540 G, 23rd Ed.2017		P	ENAS	22
23	Environmental Testing	Chemical	water	water/waste water	Biochemical Oxygen Demand		APHA 5210B, 23rd Ed.2017	(MDL 5mg/l)	P	ENAS	23
24	Environmental Testing	Chemical	water	water/waste water	Chemical Oxygen Demand [COD]		APHA 5220 B, 23rd Ed.2017	(MDL 5 mg/l)	P	ENAS	24



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25	Environmental Testing	Chemical	water	water/waste water	Oil and Grease		APHA 5520B, 23rd Ed.2017	(MDL 5 mg/l)	P	ENAS	25
26	Environmental Testing	Chemical	water	water/waste water	Dissolved Oxygen		APHA 2540 C, 23rd Ed.2017	(MDL 0.1 mg/l)	P	ENAS	26
27	Environmental Testing	Chemical	water	water/waste water	Conductivity		APHA 2510 B, 23rd Ed.2017	(MDL 0-200 mS/cm)	P, S	ENAS	27
28	Environmental Testing	Chemical	water	water/waste water	Total Suspended Solids		APHA 2540 D, 23rd Ed.2017	(MDL 5 mg/l)	P	ENAS	28
29	Environmental Testing	Chemical	water	water/waste water	Total Dissolved Solids		APHA 2540 D, 23rd Ed.2017	(MDL 10 mg/l)	P	ENAS	29
30	Environmental Testing	Chemical	water	water/waste water	Turbidity		APHA 2130 B, 23rd Ed.2017	(MDL 0.02 NTU)	P	ENAS	30
31	Environmental Testing	Chemical	water	water/waste water	pH		APHA 4500 H+ B, 23rd Ed.2017	(0 to 14)	P	ENAS	31
32	Environmental Testing	Chemical	water	water/waste water	Calcium		APHA 3500 Ca, B, 23rd Ed.2017	(MDL 0.8 mg/l)	P	ENAS	32
33	Environmental Testing	Chemical	water	water/waste water	Magnesium		APHA 3500 Mg, B, 23rd Ed.2017	(MDL 0.24 mg/l)	P	ENAS	33
34	Environmental Testing	Chemical	Water	water/waste water	Fluoride		APHA 4500-F-D, 23rd Ed.2017 HACH 8029 Jun 2007 Ed:2	(MDL 0.02 mg/l)	P	ENAS	34



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35	Environmental Testing	Chemical	Water	water/waste water	Total Hardness		APHA 2340 C, 23rd Ed.2017	(MDL 2 mg/l)	P	ENAS	35
36	Environmental Testing	Chemical	Water	water/waste water	Silica		HACH 8185 Jun 2007 Ed:2	(MDL 1 mg/l)	P	ENAS	36
37	Environmental Testing	Chemical	Water	water/waste water	Phosphorous (ortho phosphate)		HACH 8048 Jun 2007 Ed:2	(MDL 0.02 mg/l)	P	ENAS	37
38	Environmental Testing	Chemical	Water	water/waste water	Mercury (MDL 0.5mg/l)		EPA 200.7 : Revision 4.4 : 1994	(MDL 0.5mg/l)	P	ENAS	38
39	Environmental Testing	Chemical	Water	water/waste water	Aluminum (MDL 0.05 mg/l)		APHA 3120 B& APHA 3030 E, 23rd edition 2017	(MDL 0.05 mg/l)	P	ENAS	39
40	Environmental Testing	Chemical	Water	water/waste water	Antimony (MDL 0.1 mg/l)		APHA 3120 B& APHA 3030 E, 23rd edition 2017	(MDL 0.1 mg/l)	P	ENAS	40
41	Environmental Testing	Chemical	Water	water/waste water	Arsenic (MDL 0.1 mg/l)		APHA 3120 B& APHA 3030 E, 23rd edition 2017	(MDL 0.1 mg/l)	P	ENAS	41
42	Environmental Testing	Chemical	Water	water/waste water	Barium (MDL 0.1 mg/l)		APHA 3120 B& APHA 3030 E, 23rd edition 2017	(MDL 0.1 mg/l)	P	ENAS	42
43	Environmental Testing	Chemical	Water	water/waste water	Beryllium (MDL 0.01 mg/l)		APHA 3120 B& APHA 3030 E, 23rd edition 2017	(MDL 0.01 mg/l)	P	ENAS	43



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44	Environmental Testing	Chemical	Water	water/waste water	Boron (MDL 0.1 mg/l)		APHA 3120 B& APHA 3030 E, 23rd edition 2017	(MDL 0.1 mg/l)	P	ENAS	44
45	Environmental Testing	Chemical	Water	water/waste water	Cadmium (MDL 0.001 mg/l)		APHA 3120 B& APHA 3030 E, 23rd edition 2017	(MDL 0.001 mg/l)	P	ENAS	45
46	Environmental Testing	Chemical	Water	water/waste water	Calcium (MDL 0.5 mg/l)		APHA 3120 B& APHA 3030 E, 23rd edition 2017	(MDL 0.5 mg/l)	P	ENAS	46
47	Environmental Testing	Chemical	Water	water/waste water	Chromium (MDL 0.01 mg/l)		APHA 3120 B& APHA 3030 E, 23rd edition 2017	(MDL 0.01 mg/l)	P	ENAS	47
48	Environmental Testing	Chemical	Water	water/waste water	Cobalt (MDL 0.05 mg/l)		APHA 3120 B & APHA 3030 E, 23rd edition, 2017	(MDL 0.05 mg/l)	P	ENAS	48
49	Environmental Testing	Chemical	Water	water/waste water	Copper (MDL 0.05 mg/l)		APHA 3120 B & APHA 3030 E, 23rd edition, 2017	(MDL 0.05 mg/l)	P	ENAS	49
50	Environmental Testing	Chemical	Water	water/waste water	Iron (MDL 0.05 mg/l)		APHA 3120 B & APHA 3030 E, 23rd edition, 2017	(MDL 0.05 mg/l)	P	ENAS	50
51	Environmental Testing	Chemical	Water	water/waste water	Lead ((MDL 0.05 g/l)		APHA 3120 B &	(MDL 0.05 mg/l)	P	ENAS	51



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
							APHA 3030 E, 23rd edition, 2017				
52	Environmental Testing	Chemical	Water	water/waste water	Lithium (MDL 0.05 mg/l)		APHA 3120 B & APHA 3030 E, 23rd edition, 2017	(MDL 0.05 mg/l)	P	ENAS	52
53	Environmental Testing	Chemical	Water	water/waste water	Magnesium (MDL 0.5 mg/l)		APHA 3120 B & APHA 3030 E, 23rd edition, 2017	(MDL 0.5 mg/l)	P	ENAS	53
54	Environmental Testing	Chemical	Water	water/waste water	Manganese (MDL 0.05 mg/l)		APHA 3120 B & APHA 3030 E, 23rd edition, 2017	(MDL 0.05 mg/l)	P	ENAS	54
55	Environmental Testing	Chemical	Water	water/waste water	Molybdenum (MDL 0.05 mg/l)		APHA 3120 B & APHA 3030 E, 23rd edition, 2017	(MDL 0.05 mg/l)	P	ENAS	55
56	Environmental Testing	Chemical	Water	water/waste water	Nickel (MDL 0.05 mg/l)		APHA 3120 B & APHA 3030 E, 23rd edition, 2017	(MDL 0.05 mg/l)	P	ENAS	56
57	Environmental Testing	Chemical	Water	water/waste water	Potassium (MDL 0.5 mg/l)		APHA 3120 B & APHA 3030 E, 23rd edition, 2017	(MDL 0.5 mg/l)	P	ENAS	57

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58	Environmental Testing	Chemical	Water	water/waste water	Selenium (MDL 0.5 mg/l)		APHA 3120 B & APHA 3030 E, 23rd edition, 2017	(MDL 0.5 mg/l)	P	ENAS	58
59	Environmental Testing	Chemical	Water	water/waste water	Silver (MDL 0.05 mg/l)		APHA 3120 B & APHA 3030 E, 23rd edition, 2017	(MDL 0.5 mg/l)	P	ENAS	59
60	Environmental Testing	Chemical	Water	water/waste water	Sodium (MDL 0.5 mg/l)		APHA 3120 B & APHA 3030 E, 23rd edition, 2017	(MDL 0.5 mg/l)	P	ENAS	60
61	Environmental Testing	Chemical	Water	water/waste water	Strontium (MDL 0.05 mg/l)		APHA 3120 B & APHA 3030 E, 23rd edition, 2017	(MDL 0.05 mg/l)	P	ENAS	61
62	Environmental Testing	Chemical	Water	water/waste water	Thallium (MDL 0.5 mg/l)		APHA 3120 B & APHA 3030 E, 23rd edition, 2017	(MDL 0.05 mg/l)	P	ENAS	62
63	Environmental Testing	Chemical	Water	water/waste water	Vanadium (MDL 0.01 mg/l)		APHA 3120 B & APHA 3030 E, 23rd edition, 2017	(MDL 0.01 mg/l)	P	ENAS	63
64	Environmental Testing	Chemical	Water	water/waste water	Zinc (MDL 0.05 mg/l)		APHA 3120 B &	(MDL 0.05 mg/l)	P	ENAS	64



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							APHA 3030 E, 23rd edition, 2017				
65	Environmental Testing	Chemical	Water		Alkalinity (Bicarbonate, Carbonate) (Total Alkalinity)		APHA 2320B, 23rd Ed.2017	(MDL 2 mg/l)	P	ENAS	65
66	Environmental Testing	Chemical	Water		Chloride		APHA 4500 Cl - B, 23rd Ed.2017	(MDL 1 mg/l)	P	ENAS	66
67	Construction and Engineering Materials	Chemical	water	Water	Sulphate		APHA 4500 23rd Ed.2017/HACH 8051	(MDL 0.01 g/l)	P	ENAS	67
68	Construction and Engineering Materials	Chemical	water	Waste Water	Ammonia (MDL 0.02 mg/l)		HACH 10205	(MDL 0.02 mg/l)	P	ENAS	68
69	Environmental Testing	Chemical	Water	Water/Chiller Water	Free Chlorine		APHA 4500Cl G, 23rd Ed.2017 HACH 8021 Jun 2007 Ed:2	(MDL 0.02 mg/l)	P, S	ENAS	69
70	Environmental Testing	Chemical	Water	Water/Chiller Water	Nitrite		HACH 8153 Jun 2007 Ed:2	(MDL 2 mg/l)	P	ENAS	70
71	Environmental Testing	Chemical	Water	Water/Chiller Water	Nitrate		HACH 8039 Jun 2007 Ed:2	(MDL 0.3 mg/l)	P	ENAS	71
72	Environmental Testing	Chemical	Water	Potable water	Apperance		WSOP-CH-022 Issue No.01 based on APHA 2110,		P	ENAS	72



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							23rd edition, 2017 & ASTM E2680-16				
73	Environmental Testing	Chemical	Water	Potable water	Monochloramine		HACH 10171 Jun 2007 Ed.02	0.04mg/l to 4.5mg/l	P	ENAS	73
74	Environmental Testing	Chemical	Water	Potable water	Phenol	Phenol	WSOP-CH-021 Issue No:02 based on US EPA 8270 D Revision 5 2014 & US EPA 3510C"	(MDL 0.01 mg/l)	P	ENAS	74
75	Environmental Testing	Chemical	Water	Potable water	Phenol	2 Chlorophenol	WSOP-CH-021 Issue No:02 based on US EPA 8270 D Revision 5 2014 & US EPA 3510C	(MDL 0.01 mg/l)	P	ENAS	75
76	Environmental Testing	Chemical	Water	Potable water	Phenol	2 Nitrophenol	WSOP-CH-021 Issue No:02 based on US EPA 8270 D Revision 5 2014 & US EPA 3510C	(MDL 0.01 mg/l)	P	ENAS	76
77	Environmental Testing	Chemical	Water	Potable water	Phenol	2, 4 Dichlorophenol	WSOP-CH-021 Issue No:02 based on US EPA 8270 D Revision 5	(MDL 0.01 mg/l)	P	ENAS	77

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							2014 & US EPA 3510C				
78	Environmental Testing	Chemical	Water	Potable water	Phenol	4 Chloro-3-methyl phenol	WSOP-CH-021 Issue No:02 based on US EPA 8270 D Revision 5 2014 & US EPA 3510C	(MDL 0.01 mg/l)	P	ENAS	78
79	Environmental Testing	Chemical	Water	Potable water	Phenol	2,4 Dinitrophenol	WSOP-CH-021 Issue No:02 based on US EPA 8270 D Revision 5 2014 & US EPA 3510C	(MDL 0.01 mg/l)	P	ENAS	79
80	Environmental Testing	Chemical	Water	Potable water	Phenol	4 Nitrophenol	WSOP-CH-021 Issue No:02 based on US EPA 8270 D Revision 5 2014 & US EPA 3510C	(MDL 0.01 mg/l)	P	ENAS	80
81	Environmental Testing	Chemical	Water	Potable water	Phenol	2 methyl, 4,6 Dinitrophenol	WSOP-CH-021 Issue No:02 based on US EPA 8270 D Revision 5 2014 & US EPA 3510C	(MDL 0.01 mg/l)	P	ENAS	81
82	Environmental Testing	Chemical	Water	Potable water	Phenol	Pentachlorophenol	WSOP-CH-021 Issue No:02 based on	(MDL 0.01 mg/l)	P	ENAS	82



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							US EPA 8270 D Revision 5 2014 & US EPA 3510C				
83	Environmental Testing	Chemical	Water	Potable water	Phenol	2,4 Dimethylphenol	WSOP-CH-021 Issue No:02 based on US EPA 8270 D Revision 5 2014 & US EPA 3510C	(MDL 0.01 mg/l)	P	ENAS	83
84	Environmental Testing	Chemical	Water	Potable water	Phenol	2,4,6 Trichlorophenol	WSOP-CH-021 Issue No:02 based on US EPA 8270 D Revision 5 2014 & US EPA 3510C	(MDL 0.01 mg/l)	P	ENAS	84
85	Environmental Testing	Chemical	Water	Potable water	Pesticide	Atrazine	WSOP-CH-16 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	85
86	Environmental Testing	Chemical	Water	Potable water	Pesticide	Alachlor	WSOP-CH-16 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	86



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87	Environmental Testing	Chemical	Water	Potable water	Pesticide	Aldrin	WSOP-CH-16 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	87
88	Environmental Testing	Chemical	Water	Potable water	Pesticide	Carbofuran	WSOP-CH-16 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	88
89	Environmental Testing	Chemical	Water	Potable water	Pesticide	Chlorpyrifos	WSOP-CH-16 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	89
90	Environmental Testing	Chemical	Water	Potable water	Pesticide	Chlordane	WSOP-CH-16 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	90
91	Environmental Testing	Chemical	Water	Potable water	Pesticide	DDT	WSOP-CH-16 Issue No.02 based on US EPA 8270 D Revision	(MDL 0.01 mg/l)	P	ENAS	91



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							5:2014 and US EPA 3510				
92	Environmental Testing	Chemical	Water	Potable water	Pesticide	Dieldrin	WSOP-CH-16 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	92
93	Environmental Testing	Chemical	Water	Potable water	Pesticide	Dimethoate	WSOP-CH-16 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	93
94	Environmental Testing	Chemical	Water	Potable water	Pesticide	Endrine	WSOP-CH-16 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	94
95	Environmental Testing	Chemical	Water	Potable water	Pesticide	Lindane	WSOP-CH-16 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	95
96	Environmental Testing	Chemical	Water	Potable water	Pesticide	Metolachlor	WSOP-CH-16 Issue No.02 based on US	(MDL 0.01 mg/l)	P	ENAS	96

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							EPA 8270 D Revision 5:2014 and US EPA 3510				
97	Environmental Testing	Chemical	Water	Potable water	Pesticide	Methoxychlor	WSOP-CH-16 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	97
98	Environmental Testing	Chemical	Water	Potable water	Pesticide	Molinate	WSOP-CH-16 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	98
99	Environmental Testing	Chemical	Water	Potable water	Pesticide	Pendimethalin	WSOP-CH-16 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	99
100	Environmental Testing	Chemical	Water	Potable water	Pesticide	Simazine	WSOP-CH-16 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	100



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
101	Environmental Testing	Chemical	Water	Potable water	Pesticide	Trifluralin	WSOP-CH-16 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	101
102	Environmental Testing	Chemical	Water	Potable water	Polycyclic Aromatic Hydrocarbons	Naphthalene	WSOP-CH-16 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	102
103	Environmental Testing	Chemical	Water	Potable water	Polycyclic Aromatic Hydrocarbons	Acenaphthalene,	WSOP-CH-20 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	103
104	Environmental Testing	Chemical	Water	Potable water	Polycyclic Aromatic Hydrocarbons	Acenaphthene,	WSOP-CH-20 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	104
105	Environmental Testing	Chemical	Water	Potable water	Polycyclic Aromatic Hydrocarbons	Fluorene	WSOP-CH-20 Issue No.02 based on US EPA 8270 D Revision	(MDL 0.01 mg/l)	P	ENAS	105

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
							5:2014 and US EPA 3510				
106	Environmental Testing	Chemical	Water	Potable water	Polycyclic Aromatic Hydrocarbons	Phenanthrene	WSOP-CH-20 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	106
107	Environmental Testing	Chemical	Water	Potable water	Polycyclic Aromatic Hydrocarbons	Pyrene,	WSOP-CH-20 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	107
108	Environmental Testing	Chemical	Water	Potable water	Polycyclic Aromatic Hydrocarbons	Fluoranthene	WSOP-CH-20 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	108
109	Environmental Testing	Chemical	Water	Potable water	Polycyclic Aromatic Hydrocarbons	Benzo(b) fluoranthene	WSOP-CH-20 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	109
110	Environmental Testing	Chemical	Water	Potable water	Polycyclic Aromatic Hydrocarbons	Fluoranthene	WSOP-CH-20 Issue No.02 based on US	(MDL 0.01 mg/l)	P	ENAS	110



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							EPA 8270 D Revision 5:2014 and US EPA 3510				
111	Environmental Testing	Chemical	Water	Potable water	Polycyclic Aromatic Hydrocarbons	Benzo(k) fluoranthe ne	WSOP-CH-20 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	111
112	Environmental Testing	Chemical	Water	Potable water	Polycyclic Aromatic Hydrocarbons	Fluoranthene Indeno	WSOP-CH-20 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	112
113	Environmental Testing	Chemical	Water	Potable water	Polycyclic Aromatic Hydrocarbons	(1,2,3-cd) Pyrene	WSOP-CH-20 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	113
114	Environmental Testing	Chemical	Water	Potable water	Polycyclic Aromatic Hydrocarbons	Anthracene	WSOP-CH-20 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	114

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
115	Environmental Testing	Chemical	Water	Potable water	Polycyclic Aromatic Hydrocarbons	Chrysene	WSOP-CH-20 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	115
116	Environmental Testing	Chemical	Water	Potable water	Polycyclic Aromatic Hydrocarbons	Benzo(a) pyrene	WSOP-CH-20 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	116
117	Environmental Testing	Chemical	Water	Potable water	Polycyclic Aromatic Hydrocarbons	Benzo(ghi) perylene	WSOP-CH-20 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	117
118	Environmental Testing	Chemical	Water	Potable water	Polycyclic Aromatic Hydrocarbons	Dibenz(a,h) anthracene	WSOP-CH-20 Issue No.02 based on US EPA 8270 D Revision 5:2014 and US EPA 3510	(MDL 0.01 mg/l)	P	ENAS	118
119	Environmental Testing	Chemical	Water	Potable water	"Colour (5 - 100 Platinum Cobalt Units)		APHA 2120C, 23rd edition, 2017	(5 - 100 Platinum Cobalt Units)	P	ENAS	119

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
120	Environmental Testing	Chemical	wood	Wood /wood based panels	"Formaldehyde		ISO 12460-4:2016	(MDL 0.01 mg/l)	P	ENAS	120
121	Environmental Testing	Chemical	Foam Concentrate		Freezing & Thawing		WSOP-CH-034 Version/Issue 03 06/07/2022		P	ENAS	121
122	Environmental Testing	Chemical	Foam Concentrate		Heat Stability		WSOP-CH-033 Version/Issue 03 06/07/2022		P	ENAS	122
123	Environmental Testing	Chemical	Foam Concentrate		pH		WSOP-CH-038 Version/Issue 01 18/07/2022	(0 to 14)	P, S	ENAS	123
124	Environmental Testing	Chemical	Foam Concentrate		Sedimentation (MDL 0.1%)		WSOP-CH-031 Version/Issue 03 06/07/2022		P	ENAS	124
125	Environmental Testing	Chemical	Foam Concentrate		"Surface Tension		WSOP-CH-032 Version/Issue 03 06/07/2022	(MDL 0.1 mN/m)	P	ENAS	125
126	Environmental Testing	Chemical	Foam Concentrate		Volumic Mass		WSOP-CH-036 Version/Issue 03 13/07/2022		P	ENAS	126
127	Environmental Testing	Chemical	Foam Concentrate		"Kinematic Viscosity		WSOP-CH-035 Version/Issue 03 06/07/2022	(0.6 mm ² /s)	P	ENAS	127
128	Construction and Engineering Materials	Chemical	Bitumin/Oil	Bitumin	Kinematic viscosity at 40°C		ASTM D445		P	ENAS	128
129	Construction and Engineering Materials	Chemical	Bitumin/Oil	Bitumin	Kinematic viscosity at 100°C		ASTM D445		P	ENAS	129



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
130	Construction and Engineering Materials	Chemical	Bitumin/Oil	Bitumin	Flash and fire points by Cleveland open cup tester		ASTM D92		P	ENAS	130
131	Construction and Engineering Materials	Chemical	Bitumin/Oil	Bitumin	Flash point by Pensky-martens closed cup tester		ASTM D93		p	ENAS	131
132	Construction and Engineering Materials	Chemical	Bitumin/Oil	Bitumin	Pour Point of Petroleum Products		ASTM D97		P	ENAS	132
133	Construction and Engineering Materials	Chemical	Bitumin/Oil	Bitumin	Ash from Petroleum Products		ASTM D482		P	ENAS	133
134	Construction and Engineering Materials	Chemical	Bitumin/Oil	Bitumin	Colour of petroleum products		ASTM D1500		P	ENAS	134
135	Construction and Engineering Materials	Chemical	Bitumin/Oil	Bitumin	API Gravity of crude oil		ASTM D1298		P	ENAS	135
136	Construction and Engineering Materials	Chemical	Bitumin/Oil	Bitumin	Distillation of petroleum products		ASTM D95		P	ENAS	136
137	Environmental Testing	Microbiology	Water	Water	Pseudomonas Aeruginosa		CCFRA 2.5.2 Manual of Microbiological Methods for the Food and Drinks		P	ENAS	137

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
							Industry-Guideline 43 (5th Edition) 2007				
138	Environmental Testing	Microbiology	Water	Water	Sulphite Reducing Clostridia (Presumptive)		CCFRA 2.8.2-2003		P	ENAS	138
139	Environmental Testing	Microbiology	Water	water/waste water	Enumeration of Legionella		ISO 11731:2017 (Procedure: 5,7,8,9 &10)		P	ENAS	139
140	Environmental Testing	Microbiology	potable Drinking Water	potable Drinking Water	Salmonella Species		CCFRA3.1.2/3.1.5-2007 Guideliness 43		P	ENAS	140
141	Environmental Testing	Microbiology	Water	water/waste water	E.coli		APHA 9222 H & I Based thru APHA 9222B 23rd Ed.2017		P	ENAS	141
142	Environmental Testing	Microbiology	Water	water/waste water	Faecal Streptococci		BS EN ISO 7899-2:2000		P	ENAS	142
143	Environmental Testing	Microbiology	Water	water/waste water	Faecal Coliforms		APHA 9222 D, 23rd Ed.2017		P	ENAS	143
144	Environmental Testing	Microbiology	Water	water/waste water	Total Coliforms		APHA 9222 B, 23rd Ed.2017		P	ENAS	144
145	Environmental Testing	Microbiology	Water	water/waste water	Heterotrophic Plate Count		APHA 9215 B , 23rd Ed.2017		P	ENAS	145
146	Environmental Testing	Microbiology	Water Sampling	Water Sampling	sampling and preservation for		APHA 9060 A&B		P, S	ENAS	146



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
					microbiological parameters						
147	Environmental Testing	Microbiology	Water Sampling	Water Sampling	sampling For Legionella		BS 7592:2008		P	ENAS	147
148	Food Testing	Microbiology	Food	Food	Total Bacteria Count		CCFRA 1.1.1; Manual of Microbiological Methods for the Food and Drinks Industry-Guideline 43 (5th Edition) 2007		P	ENAS	148
149	Food Testing	Microbiology	Food	Food	Coliforms		CCFRA 2.2.1: Manual of Microbiological Methods for the Food and Drinks Industry-Guideline 43 (5th Edition) 2007		P	ENAS	149
150	Food Testing	Microbiology	Food	Food	E.coli		CCFRA 2.4.2: Manual of Microbiological Methods for the Food and Drinks Industry-Guideline 43		P	ENAS	150



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
							(5th Edition) 2007				
151	Food Testing	Microbiology	Food	Food	Enterobacteriaceae		CCFRA 2.3.1: Manual of Microbiological Methods for the Food and Drinks Industry-Guideline 43 (5th Edition) 2007		P	ENAS	151
152	Food Testing	Microbiology	Food	Food	Yeast & Mould		CCFRA 2.1.1: Manual of Microbiological Methods for the Food and Drinks Industry-Guideline 43 (5th Edition) 2007		P	ENAS	152
153	Food Testing	Microbiology	Food	Food	Detection of Salmonella & Confirmation of Salmonella		CCFRA 3.1.2: Manual of Microbiological Methods for the Food and Drinks Industry-Guideline 43 (5th Edition) 2007		P	ENAS	153

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
154	Food Testing	Microbiology	Food	Food	Staphylococcus aureus		CCFRA 3.5.1: Manual of Microbiological Methods for the Food and Drinks Industry-Guideline 43 (5th Edition) 2007		P	ENAS	154
155	Food Testing	Microbiology	Food	Food	"Bacillus cereus		CCFRA 3.7.1: Manual of Microbiological Methods for the Food and Drinks Industry-Guideline 43 (5th Edition) 2007		P	ENAS	155
156	Food Testing	Microbiology	Food	Food	Listeria species		CCFRA 3.2.1: Manual of Microbiological Methods for the Food and Drinks Industry-Guideline 43 (5th Edition) 2007		P	ENAS	156
157	Food Testing	Microbiology	Food	Food	Vibrio parahaemolyticus		CCFRA 3.8.1: Manual of Microbiological Methods for		P	ENAS	157

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
							the Food and Drinks Industry-Guideline 43 (5th Edition) 2007				
158	Food Testing	Microbiology	Food	Food	Clostridium perfringens		CCFRA 3.6.1: Manual of Microbiological Methods for the Food and Drinks Industry-Guideline 43 (5th Edition) 2007		P	ENAS	158
159	Food Testing	Microbiology	Food	Food	Listeria Monocytogenes		CCFRA 3.2.1-2007 Guide lines 43		P	ENAS	159
160	Food Testing	Microbiology	Food	Food	Thermotolerant Campylobacter		CCFRA 3.3.1-2007 Guide lines 43		P	ENAS	160
161	Food Testing	Microbiology	Food	Food	Detection of E.coli 0157/H7		AOAC 2000.14		P	ENAS	161
162	Food Testing	Microbiology	Food Sampling	Food Sampling	sampling and preservation for microbiological parameter		WSOP-MB-003		P, S	ENAS	162
163	Food Testing	Microbiology	Swab Sampling	Swab Sampling	Swab Sampling 23 cm2		CCFRA 1.1.1-2003-Guide line 45		P, S	ENAS	163



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
164	Food Testing	Microbiology	Swab	Swab	Total Bacterial Count		CCFRA 1.1.1-2007-Guideline 43		P	ENAS	164
165	Food Testing	Microbiology	Swab	Swab	Total Coliforms		CCFRA 2.2.1-2007-Guideline 43		P	ENAS	165
166	Food Testing	Microbiology	Swab	Swab	Escherichia Coli		CCFRA 2.4.2-2007-Guideline 43		P	ENAS	166
167	Food Testing	Microbiology	Swab	Swab	Staphylococcus aureus		CCFRA 3.5.1-2007-Guideline 43		P	ENAS	167
168	Environmental Testing	Microbiology	Air		Bioaerosol Sampling		W-SOP-MB-005 Rev 04 Issue date 02/01/2022		P, S	ENAS	168
169	Environmental Testing	Microbiology	Air		Total Bacteria Count		W-SOP-MB-005 Rev 04 Issue date 02/01/2022 and CCFRA 1.1.1: Manual of microbiological methods for the foods and drinks industry-Guideline 43(5th edition)2007		P	ENAS	169

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
170	Environmental Testing	Microbiology	Air		Yeast & Mould (including sampling)		W-SOP-MB-005 Rev 04 Issue date 02/01/2022 and CCFRA 2.1.1: Manual of microbiological methods for the foods and drinks industry-Guideline 43(5th edition)2007		P	ENAS	170
171	Air quality monitoring	Chemical	Ambient Air		Total Suspended Particulate Matter – TSPM		SEPA Title 40 CFR Part 50 Appendix B:2015	(2 to 750) µg/M3	S	ENAS	171
172	Air quality monitoring	Chemical	Ambient Air		Respirable Particulate Matter – RSPM-PM10		USEPA Title 40 CFR Part 50 Appendix B:2015	(26 to 208) µg/m3	S	ENAS	172
173	Air quality monitoring	Chemical	Ambient Air		Non-Respirable Particulate Matter (NRSPM)		USEPA Title 40 CFR Part 50 Appendix J:2015		S	ENAS	173
174	Air quality monitoring	Chemical	Ambient Air		Sulphur Dioxide - SO2		USEPA Equivalent Method :EQS-0775-002:1975	(25 - 470 µg/m3)	P	ENAS	174



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
175	Air quality monitoring	Chemical	Ambient Air		Nitrogen Dioxides - NO2		USEPA Equivalent Method :EQN-1277-026:2003	(20 - 750 µg/m3)	P	ENAS	175
176	Air quality monitoring	Chemical	Ambient Air		Carbon Dioxide - CO2		BS EN 60079-29-2:2015	(0 to 10000) ppm	S	ENAS	176
177	Air quality monitoring	Chemical	Ambient Air		Carbon Monoxide - CO		AS 3580.7.1	(0 to 500) ppm	S	ENAS	177
178	Air quality monitoring	Chemical	Ambient Air		Volatile Organic Compounds (VOCs)		BS EN 60079-29-2:2015	(0 to 1000) ppm	S	ENAS	178
179	Air quality monitoring	Chemical	Ambient Air		Ozone - O3		USEPA Title 40 CFR Part 50 Appendix I:2015	(0 to 1000) ppm	P	ENAS	179
180	Air quality monitoring	Chemical	Ambient Air		"Ammonia - NH3		BS EN 60079-29-2:2015	(0 to 1000) ppm	S	ENAS	180
181	Air quality monitoring	Chemical	Indoor Air		Particulate Matter 1.0		ISO 21501-4:2018	(0.1 to 6000) µg/m3	S	ENAS	181
182	Air quality monitoring	Chemical	Indoor Air		Particulate Matter 2.5		ISO 21501-4:2018	(0.1 to 6000) µg/m3	S	ENAS	182
183	Air quality monitoring	Chemical	Indoor Air		Particulate Matter 4.0		ISO 21501-4:2018	(0.1 to 6000) µg/m3	S	ENAS	183
184	Air quality monitoring	Chemical	Indoor Air		Particulate Matter 7.0		ISO 21501-4:2018	(0.1 - 6000 µg/m3)	S	ENAS	184

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
185	Air quality monitoring	Chemical	Indoor Air		"Respirable Particulate Matter – RSPM/TSPM –PM 10.0		ISO 21501-4:2018	(0.1 - 6000 µg/m3)	S	ENAS	185
186	Air quality monitoring	Chemical	Indoor Air		"Temperature		OTM (OSHA Technical Manual) Section III, Chapter-2	(-10 to 70) °C	S	ENAS	186
187	Air quality monitoring	Chemical	Indoor Air		Humidity		OTM (OSHA Technical Manual) Section III, Chapter-2	(0 to 100) %	S	ENAS	187
188	Air quality monitoring	Chemical	Indoor Air		Oxygen - O2		OTM (OSHA Technical Manual) Section III, Chapter-2	(0 to 25) %	S	ENAS	188
189	Air quality monitoring	Chemical	Indoor Air		Carbon Dioxide - CO2		OTM (OSHA Technical Manual) Section III, Chapter-2	(0 to 10000) ppm	S	ENAS	189
190	Air quality monitoring	Chemical	Indoor Air		Carbon Monoxide - CO		OTM (OSHA Technical Manual) Section III, Chapter-2	(0 to 500) ppm	S	ENAS	190
191	Air quality monitoring	Chemical	Indoor Air		Sulphur Dioxide - SO2		OTM (OSHA Technical Manual)	(0 to 550) ppm	S	ENAS	191



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							Section III, Chapter-2				
192	Air quality monitoring	Chemical	Indoor Air		Nitrogen Dioxide - NO ₂		OTM (OSHA Technical Manual) Section III, Chapter-2	(0 to 20 ppm)	S	ENAS	192
193	Air quality monitoring	Chemical	Indoor Air		"Ammonia - NH ₃		OTM (OSHA Technical Manual) Section III, Chapter-2	(0 to 1000) ppm	S	ENAS	193
194	Air quality monitoring	Chemical	Indoor Air		Hydrogen Sulfide - H ₂ S		OTM (OSHA Technical Manual) Section III, Chapter-2	(0 to 100) ppm	S	ENAS	194
195	Air quality monitoring	Chemical	Indoor Air		Formaldehyde		OTM (OSHA Technical Manual) Section III, Chapter-2		S	ENAS	195
196	Air quality monitoring	Chemical	Indoor Air		Volatile Organic Compounds		OTM (OSHA Technical Manual) Section III, Chapter-2		S	ENAS	196
197	Air quality monitoring	Chemical	Indoor Air		Ozone		OTM (OSHA Technical Manual) Section III, Chapter-2		S	ENAS	197



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
198	Air quality monitoring	Chemical	Stack Air		Oxygen		USEPA 3:2017		S	ENAS	198
199	Air quality monitoring	Chemical	Stack Air		Carbon Dioxide		USEPA 3:2017		S	ENAS	199
200	Air quality monitoring	Chemical	Stack Air		Carbon Monoxide		USEPA 10:2017		S	ENAS	200
201	Air quality monitoring	Chemical	Stack Air		Particulate Matter		USEPA 5:2019		S	ENAS	201
202	Air quality monitoring	Chemical	Stack Air		"Sulphur Dioxide		USEPA 6C:2017	(0 to 5000) ppm	S	ENAS	202
203	Air quality monitoring	Chemical	Stack Air		"Nitrogen Dioxides "		USEPA 7E:2018	(0 to 500) ppm	S	ENAS	203
204	Air quality monitoring	Chemical	Stack Air		Flow Rate		USEPA 1:2017	(3 to 60) m/Sec	S	ENAS	204
205	Air quality monitoring	Chemical	Stack Air		Velocity		USEPA 1:2017	(0 to 600) °C	S	ENAS	205
206	Air quality monitoring	Chemical	Stack Air		Temperature		USEPA 1:2017		S	ENAS	206
207	Air quality monitoring	Chemical	Stack Air		Pressure		USEPA 2:2017		S	ENAS	207
208	Air quality monitoring	Chemical	Flue Gas		Oxygen		USEPA 3:2017	(0 to 25) %	S	ENAS	208



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
209	Air quality monitoring	Chemical	Flue Gas		Carbon Dioxide		USEPA 3:2017	(0 to 50) %	S	ENAS	209
210	Air quality monitoring	Chemical	Flue Gas		Carbon Monoxide		USEPA 10:2017	(0 to 10000) ppm	S	ENAS	210
211	Air quality monitoring	Chemical	Flue Gas		"Sulphur Dioxide		USEPA 6C:2017	(0 to 5000) ppm	S	ENAS	211
212	Air quality monitoring	Chemical	Flue Gas		Nitric Oxide and Nitrogen Dioxide		USEPA 7E:2018	(0 to 5000) ppm	S	ENAS	212
213	Air quality monitoring	Chemical	Flue Gas		Hydrocarbons		USEPA CTM 030 & USEPA 3:2017	(100 to 40000) ppm	S	ENAS	213
214	Air quality monitoring	Chemical	Noise		Noise Level - L Max, Lmin, Leq		ISO 1996-2:2017	(30 to 130) dB	S	ENAS	214
215	Air quality monitoring	Chemical	Lux		Light or Foot Candle		BS 667:2005	(0 to 400000) Lux	S	ENAS	215
216	Environmental Testing	Chemical	Clean Room Validation	Clean Room Validation	Differential Pressure - 120 to +120 Pa		ISO 14644-1:2015, ISO 14644-2:2015, ISO 14644-3:2015		S	ENAS	216
217	Environmental Testing	Chemical	Clean Room Validation	Clean Room Validation	Air Supply Velocity		ISO 14644-1:2015, ISO 14644-2:2015, ISO 14644-3:2015		S	ENAS	217

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
218	Environmental Testing	Chemical	Clean Room Validation	Clean Room Validation	Air Exchange		ISO 14644-1:2015, ISO 14644-2:2015, ISO 14644-3:2015		S	ENAS	218
219	Environmental Testing	Chemical	Clean Room Validation	Clean Room Validation	Air volume		ISO 14644-1:2015, ISO 14644-2:2015, ISO 14644-3:2015		S	ENAS	219
220	Environmental Testing	Chemical	Clean Room Validation	Clean Room Validation	Air Borne Particle Count		ISO 14644-1:2015, ISO 14644-2:2015, ISO 14644-3:2015		S	ENAS	220
221	Environmental Testing	Chemical	Clean Room Validation	Clean Room Validation	Room Temperature (-10 to 70°C)		BS EN 60079-29-2:2015		S	ENAS	221
222	Environmental Testing	Chemical	Clean Room Validation	Clean Room Validation	Humidity (0 to 100%)		BS EN 60079-29-2:2015		S	ENAS	222
223	Construction and Engineering Materials	Physical	Aggregates		Determination of particle size distribution - Sieve tests		BS 812-103.1:1985, BS EN 933-1:2012		P	ENAS	223
224	Construction and Engineering Materials	Physical	Aggregates		Particle Shape - Flakiness Index		BS 812-105.1:1989		P	ENAS	224
225	Construction and Engineering Materials	Physical	Aggregates		Particle Shape - Elongation Index of Coarse Aggregate		BS 812-105.2:1990		P	ENAS	225

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
226	Construction and Engineering Materials	Physical	Aggregates		Particle Shape - Flakiness Index		BS EN-933-3:2012		P	ENAS	226
227	Construction and Engineering Materials	Physical	Aggregates		Determination of ten per cent fines value (TFV)		BS 812-111:1990		P	ENAS	227
228	Construction and Engineering Materials	Physical	Aggregates		Methods for determination of density		BS 812-2:1995 Cl. 6.3.4		P	ENAS	228
229	Construction and Engineering Materials	Physical	Aggregates		Determination of aggregate impact value (AIV)		BS 812 - 112:1990		P	ENAS	229
230	Construction and Engineering Materials	Physical	Aggregates		Determination of aggregate crushing value (ACV)		BS 812-110:1990		P	ENAS	230
231	Construction and Engineering Materials	Physical	Aggregates		Sand Equivalent Value for Soil and Fine Aggregate		ASTM D 2419-2014		P	ENAS	231
232	Construction and Engineering Materials	Physical	Aggregates		Determination of shell content in coarse aggregate		BS 812-106:1985		P	ENAS	232
233	Construction and Engineering Materials	Physical	Aggregates		Method for Materials Finer than 75-μm (No. 200) Sieve in Mineral Aggregates by Washing		ASTM C 117-2017		P	ENAS	233



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234	Construction and Engineering Materials	Physical	Aggregates		Method for Clay Lumps and Friable Particles in Aggregates		ASTM C 142/C142M:2017		P	ENAS	234
235	Construction and Engineering Materials	Physical	Aggregates		Soundness of Aggregate by using Magnesium & Sodium Sulphate		ASTM C 88-2018		P	ENAS	235
236	Construction and Engineering Materials	Physical	Aggregates		Method for Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine		ASTM C131 / C131M - 20		P	ENAS	236
237	Construction and Engineering Materials	Physical	Aggregates		Resistance to Degradation of Large-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine		ASTM C535 - 16		P	ENAS	237
238	Construction and Engineering Materials	Physical	Aggregates		Specific Gravity and Water Absorption for Coarse and Fine Aggregate		BS 812 – 2:1995		P	ENAS	238
239	Construction and Engineering Materials	Physical	Aggregates		Specific Gravity and Water Absorption for Coarse and Fine Aggregate		BS EN 1097-3:1998		P	ENAS	239
240	Construction and Engineering Materials	Physical	Aggregates		Sieve Analysis of Fine and Coarse aggregates		AASHTO T27		P	ENAS	240



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
241	Construction and Engineering Materials	Physical	Asphalt		Method for Penetration of Bituminous Materials		ASTM D 5-2019		P	ENAS	241
242	Construction and Engineering Materials	Physical	Asphalt		Methods for Quantitative Extraction of Asphalt Binder from Asphalt Mixtures		ASTM D 2172 - 2017		P	ENAS	242
243	Construction and Engineering Materials	Physical	Asphalt		Method for Marshall Stability and Flow of Asphalt Mixtures		ASTM D 6927-2015		P	ENAS	243
244	Construction and Engineering Materials	Physical	Asphalt	Asphalt	Bulk Specific Gravity and density of Non-Absorbative Compacted Asphalt Mixtures		ASTM D2726/D2726 M-21		P	ENAS	244
245	Construction and Engineering Materials	Physical	Asphalt	Asphalt	Bulk Specific Gravity and density of Compacted bituminous mixtures using coated samples		ASTM D1188-07(2015)		P	ENAS	245
246	Construction and Engineering Materials	Physical	Asphalt	Asphalt	Thickness or Height of compacted Asphalt mixture specimens		ASTM D3549/D3549 M-18		P	ENAS	246
247	Construction and Engineering Materials	Physical	Asphalt	Asphalt	Sieve Analysis		ASTM D5444-15		P	ENAS	247
248	Construction and	Physical	Asphalt	Asphalt	Persent Air Voids		ASTM D3203/D3203 M-17		P	ENAS	248



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	Engineering Materials										
249	Construction and Engineering Materials	Physical	Asphalt	Asphalt	Preparation of Asphalt mixture specimens using Marshal Apparatus		ASTM D6926-20		P	ENAS	249
250	Construction and Engineering Materials	Physical	Asphalt	Asphalt	Voids Determination		DMS 9:2001(R2007)		P	ENAS	250
251	Construction and Engineering Materials	Physical	Concrete	Concrete	Determination of compressive strength of concrete cubes		BS 1881-116:1983 AMD 6720:1991		P	ENAS	251
252	Construction and Engineering Materials	Physical	Concrete	Concrete	Density of Hardened Concrete		BS 1881-114:1983 AMD 6720:1991		P	ENAS	252
253	Construction and Engineering Materials	Physical	Concrete	Concrete	Curing of test specimen 20°C		BS 1881-111:1983 AMD 6720:1991		P	ENAS	253
254	Construction and Engineering Materials	Physical	Concrete	Concrete	Compressive strength of concrete cube		BS EN 12390-3:2019		P	ENAS	254
255	Construction and Engineering Materials	Physical	Concrete	Concrete	Shape dimension and other requirements for specimen moulds		BS EN 12390-1:2021		P	ENAS	255

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
256	Construction and Engineering Materials	Physical	Concrete	Concrete	Density of Hardened Concrete		BS EN 12390-7:2019		P	ENAS	256
257	Construction and Engineering Materials	Physical	Concrete	Concrete	Determination of water absorption on hardened concrete		BS 1881-122:2011+A1:2020		P	ENAS	257
258	Construction and Engineering Materials	Physical	Concrete	Concrete	Recommendations for the determination of the initial surface absorption of concrete		BS 1881-208:1996		P	ENAS	258
259	Construction and Engineering Materials	Physical	Concrete	Concrete	Depth of Penetration of Water Under Pressure		BS EN 12390-8:2019		P	ENAS	259
260	Construction and Engineering Materials	Physical	Concrete	Concrete	Method for Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration		ASTM C 1202-2019		P	ENAS	260
261	Construction and Engineering Materials	Physical	Kerb Stone	Kerb Stone	Water Absorption of Kerbstone		BS EN 1340-2003 Incorporating Corrigendum No.1 (2006), Annex E		P	ENAS	261
262	Construction and Engineering Materials	Physical	Aggregates	Kerb Stone	Dimension of paving Flags		BS 812-110:1990		P	ENAS	262

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
263	Construction and Engineering Materials	Physical	Aggregates	Kerb Stone	Flexural strength of Paving flags		ASTM D 2419-2014		P	ENAS	263
264	Construction and Engineering Materials	Physical	Aggregates	Fresh Concrete	Testing fresh concrete. Slump-test		BS 812-106:1985		P	ENAS	264
265	Construction and Engineering Materials	Physical	Aggregates	Fresh Concrete	Testing fresh concrete. Density		ASTM C 117-2017		P	ENAS	265
266	Construction and Engineering Materials	Physical	Aggregates	Fresh Concrete	Temperature of Freshly Mixed Hydraulic-Cement Concrete		ASTM C 142/C142M:2017		P	ENAS	266
267	Construction and Engineering Materials	Physical	Aggregates	Fresh Concrete	Method for Air Content of Freshly Mixed Concrete by the Pressure Method		ASTM C 88-2018		P	ENAS	267
268	Construction and Engineering Materials	Physical	Aggregates	Fresh Concrete	Method for Bleeding of Concrete		ASTM C131 / C131M - 20		P	ENAS	268
269	Construction and Engineering Materials	Physical	Aggregates	Fresh Concrete	Making and curing specimens for strength tests		ASTM C535 - 16		P	ENAS	269
270	Construction and Engineering Materials	Physical	Paving Block	Paving Block	Precast concrete paving blocks - Measurement of dimensions and plan area		BS 6717-1 Annex A:1993		P	ENAS	270



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
271	Construction and Engineering Materials	Physical	Paving Block	Paving Block	Precast concrete paving blocks - Determination of compressive strength		BS 6717-1 Annex B:1993		P	ENAS	271
272	Construction and Engineering Materials	Physical	Paving Block	Paving Block	Precast concrete paving blocks - Water Absorption		ASTM C 140/C140M-22		P	ENAS	272
273	Construction and Engineering Materials	Physical	Masonry Block	Masonry Block	Measurement of dimension of pre-cast concrete Masonry Blocks		BS 6073 Part 1 Appendix A:1981		P	ENAS	273
274	Construction and Engineering Materials	Physical	Masonry Block	Masonry Block	Determination of Compressive Strength of pre-cast Masonry Blocks		BS 6073 Part 2 Appendix B:1981		P	ENAS	274
275	Construction and Engineering Materials	Physical	Masonry Block	Masonry Block	Pre-cast Masonry Blocks		ASTM C 140/C140M-22		P	ENAS	275
276	Construction and Engineering Materials	Physical	Water Proofing Membrane	Water Proofing Membrane	Puncture resistance		ASTM E 154/E154M-08(2019)	(0 to 50) kN	P	ENAS	276
277	Construction and Engineering Materials	Physical	Water Proofing Membrane	Water Proofing Membrane	Flexible sheets for waterproofing. Determination of tensile properties. Bitumen sheets for roof waterproofing		BS EN 12311-1:2000		P	ENAS	277
278	Construction and Engineering Materials	Physical	Water Proofing Membrane	Water Proofing Membrane	Flexible sheets for waterproofing. Determination of resistance to tearing		BS EN 12310-2:2018		P	ENAS	278

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
					(nail shank). Plastic and rubber sheets for roof waterproofing						
279	Construction and Engineering Materials	Physical	Water Proofing Membrane	Water Proofing Membrane	Flexible sheets for waterproofing. Determination of thickness and mass per unit area. Plastics and rubber sheets for roof waterproofing		BS EN 1849-2:2019		P	ENAS	279
280	Construction and Engineering Materials	Physical	Geo Textile	Geo Textile	Tensile Properties of Geotextiles by the Wide-Width Strip Method		ASTM D 4595-2017		P	ENAS	280
281	Construction and Engineering Materials	Physical	Geo Textile	Geo Textile	Method for Index Puncture Resistance of Geomembranes and Related Products		ASTM D 4833 07-(2020)		P	ENAS	281
282	Construction and Engineering Materials	Physical	Geo Textile	Geo Textile	Method for Trapezoid Tearing Strength of Geotextiles		ASTM D 4533 / D 4533 M-07-2015		P	ENAS	282
283	Construction and Engineering Materials	Physical	Geo Textile	Geo Textile	Mass per unit area		ASTM D5261-10(2018)		P	ENAS	283
284	Construction and Engineering Materials	Physical	Rubber	Rubber	Method for Rubber Property - Durometer Hardness		ASTM D2240 - 15(2021)		P	ENAS	284
285	Construction and Engineering Materials	Physical	Coatings	Coatings	pull of strength using portable adhesion testers		ASTM D4541-17		P	ENAS	285



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286	Construction and Engineering Materials	Physical	Plastics /UPVC	Plastics /UPVC	Vicat Softening temperature of plastics		ASTM D1525 17		P	ENAS	286
287	Construction and Engineering Materials	Physical	Plastics /UPVC	Plastics /UPVC	Acetone resistance		ISO 3472:1975		P	ENAS	287
288	Construction and Engineering Materials	Physical	Steel bar	Steel bar	Tensile Properties		BS 4449:2005+A3 :2016/BSEN ISO 15630-1:2019 BSEN ISO 6892-1:2019		P	ENAS	288
289	Construction and Engineering Materials	Physical	Steel bar	Steel bar	bend		BSEN ISO 15630-1:2019		P	ENAS	289
290	Construction and Engineering Materials	Physical	Steel bar	Paving Block	rebend		BSEN ISO 15630-1:2019		P	ENAS	290
291	Geotechnical	Physical	Soil /Rock	Soil /Rock	Standard Penetration Test		BS 1377-9:1990, Section 3.3		S	ENAS	291
292	Geotechnical	Physical	Soil /Rock	Soil /Rock	Soil Sampling		BS 5930:2015 CI 25.1 -25.4		S	ENAS	292
293	Geotechnical	Physical	Soil /Rock	Soil /Rock	Soil & Rock Description		BS 5930:2015 Section 6 CI 33 & 36		P	ENAS	293

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
294	Geotechnical	Physical	Water	Ground Water	Ground Water Sampling		BS 5930:2015 CI 26.4		S	ENAS	294
295	Geotechnical	Physical	Water	Ground Water	Ground Water Level Measurement		BS 5930 2015 CI 23.2, 27.5 & 47.2.7		S	ENAS	295
296	Geotechnical	Physical	Rock	Rock	Rotary Core Drilling		BS 5930:2015 Section 4, CI 24.11		S	ENAS	296
297	Geotechnical	Physical	Rock	Rock	Rock Quality Designation		BS 5930:2015 CI 36.4.4		P	ENAS	297
298	Geotechnical	Physical	Rock	Rock	Core Recovery		BS 5930:2015 CI 36.4.4		P	ENAS	298
299	Geotechnical	Physical	Rock	Rock	Preparation of Rock Core		ASTM D 4543:2019		P	ENAS	299
300	Geotechnical	Physical	Rock	Rock	water moisture content of soil and rock by mass		ASTM D2216- 2019		P	ENAS	300
301	Geotechnical	Physical	Rock	Rock	Unconfined Compressive Strength of Rock Core Specimen		ASTM D7012- 2014, Method C		P	ENAS	301
302	Geotechnical	Physical	Soil	Soil	Determination of water content		BS 1377- 2:1990 CI 3.2		P	ENAS	302
303	Geotechnical	Physical	Soil	Soil	Determination of particle size distribution		BS 1377- 2:1990 CI 9.2 & 9.3		P	ENAS	303



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
304	Geotechnical	Physical	Soil	Soil	Sedimentation by the hydrometer method		BS 1377-2:1990 CI 9.5, BS EN ISO 17892-4:2016, CI.5.3		P	ENAS	304
305	Geotechnical	Physical	Soil	Soil	Determination of liquid and plastic limits and plasticity index of soil		BS 1377-2:1990 CI 4.5, 5.3 & 5.4, BS EN ISO 17892-12:2018, CI.5.4, 5.5 and 6.5		P	ENAS	305
306	Construction and Engineering Materials	Chemical	Soil / Rock	Soil / Rock	Reporting		BS 5930:2015: Sec.10		P	ENAS	306
307	Construction and Engineering Materials	Physical	Soil	Soil	Determination of dry density/ moisture content relationship using 4.5Kg rammer for coarse and medium gravel size particles		BS 1377-4:1990 CI 3.5 and 3.6		P	ENAS	307
308	Construction and Engineering Materials	Physical	Soil	Soil	In-situ tests (Sand replacement method suitable for fine, medium and coarse-grained soils (large pouring cylinder method))		BS 1377-9:1990 CI 2.2		S	ENAS	308
309	Construction and Engineering Materials	Physical	Soil	Soil	Methods of test for soils for civil engineering purposes. Compaction- related tests		BS 1377-4:1990, CI 7		P	ENAS	309



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
310	Geotechnical	Physical	Soil	Soil	Moisture relation of soils using 4.54kg rammer and a 457mm(18in)drop		AASTHO T 180:2019		P	ENAS	310
311	Construction and Engineering Materials	Physical	Soil	Soil	California Bearing Ratio		AASTHO T 193:2017		P	ENAS	311
312	Geotechnical	Physical	Soil	Soil	Liquid limit of soils		AASTHO T89:2017		P	ENAS	312
313	Geotechnical	Physical	Soil	Soil	Plastic limit and plasticity index of soil		AASTHO T90:2016		P	ENAS	313
314	Construction and Engineering Materials	Chemical	Bitumin/Oil	Asphalt	Distillation of cutback asphalt		ASTM D402/402M		P	IAS	314
315	Construction and Engineering Materials	Chemical	Paint	Paint	Non Volatile content of resin solutions		ASTM D1259		P	IAS	315
316	Construction and Engineering Materials	Chemical	Paint	Paint	Volatile content of coatings		ASTM D2369		P	IAS	316
317	Construction and Engineering Materials	Chemical	Steel	Steel	Chemical analysis of carbon and low alloy steel by spark OES		ASTM E415/BS4449		P	IAS	317
318	Construction and	Chemical	Cement	Cement	chemical analysis of hydraulic cement by EDXRF Mehod		BSEN 196-2		P	IAS	318



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	Engineering Materials										
319	Construction and Engineering Materials	Chemical	Electrical	Electrical	Hazardous Substances		EU2011/65/ASTM F 2617		P	IAS	319
320	Construction and Engineering Materials	Physical	Stone	Stone	Standard test method for modulus of rupture of dimension stone		ASTM C99		P	IAS	320
321	Construction and Engineering Materials	Physical	Cement	Cement	Standard test method for specific gravity/density of hydraulic cement		ASTM C188		P	IAS	321
322	Construction and Engineering Materials	Physical	Stone	Stone	Standard test methods for flexural strength of dimension stone		ASTM C880		P	IAS	322
323	Construction and Engineering Materials	Physical	Geo Textile	Geo Textile	Grab Breaking load and Elogantion		ASTM D4632/D4632 M		P	IAS	323
324	Construction and Engineering Materials	Physical	Geo Textile	Geo Textile	Static puncture strength using 50mm probe		ASTM D6241		P	IAS	324
325	Construction and Engineering Materials	Physical	Metals	Metals	Standard Test methods for Rockwell hardness of mettalic materials		ASTM E18		P	IAS	325

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
326	Construction and Engineering Materials	Physical	Resin/Polymer/Cement	Resin/Polymer/Cement	Testing of resin and Polymer/cement compositions for use in construction. Method for measurement of Compressive strength		BS 6319-2		P	IAS	326
327	Construction and Engineering Materials	Physical	Resin/Polymer/Cement	Resin/Polymer/Cement	Testing of resin and Polymer/cement compositions for use in construction. Method for measurement of modulus of elasticity in flexural strength		BS 6319-3		P	IAS	327
328	Construction and Engineering Materials	Physical	Stone	Stone	Standard test method for absorption and bulk specific gravity of dimension stone		ASTM C97		P	IAS	328
329	Construction and Engineering Materials	Physical	Coatings	Coatings	Standard Test method for Non destructive measurement of dry film thickness of applied organic coatings using ultrasonic coating thickness gauge		ASTM D6132		P	IAS	329
330	Construction and Engineering Materials	Physical	Steel	Steel	Steel for the reinforcement of concrete. Weldable reinforcing steel. Bar, Coil and decoiled product		BS 4449		P	IAS	330



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
331	Construction and Engineering Materials	Physical	Pavers	Pavers	Masonry units, segmental pavers and flags - Methods of test Determining resistance to salt attack		AS/NZS 4456.10:2003		P	IAS	331
332	Construction and Engineering Materials	Physical	Coatings	Coatings	Standard Test Method for Weight [Mass] of Coating on Iron and Steel Articles with Zinc or Zinc-Alloy Coatings		ASTM A90/90M-21, ASTM A123/A123M-17		P	IAS	332
333	Construction and Engineering Materials	Chemical	Concrete	Concrete	Residue by oven drying Standard Specification for Chemical Admixtures for Concrete		ASTM C494/494M-19e1 Cl18.2		P	IAS	333
334	Construction and Engineering Materials	Physical	Concrete	Concrete	Specific gravity @25°C-Standard Specification for Chemical Admixtures for Concrete		ASTM C494/494M-19e1 Cl18.4		P	IAS	334
335	Construction and Engineering Materials		Bitumin/Oil	Bitumin	Standard test method for penetration of bituminous materials		ASTM D5/D5M		P	IAS	335
336	Construction and Engineering Materials	Physical	Bitumin/Oil		Standard test method flash and fire points by Cleveland open cup tester		ASTM D92		P	IAS	336
337	Construction and Engineering Materials	Chemical	Bitumin/Oil		Standard test methods for flash point by Pensky-martens closed cup tester		ASTM D93		P	IAS	337



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338	Construction and Engineering Materials	Chemical	Water	Water	Standard Test Method for Water in Petroleum Products and Bituminous Materials by Distillation		ASTM D95		P	IAS	338
339	Construction and Engineering Materials	Chemical	Water	Water	Standard test method for kinematic viscosity of transparent and opaque liquids (and calculation of dynamic viscosity)		ASTM D445		P	IAS	339
340	Construction and Engineering Materials	Chemical	Water	Water	Standard Test Method for Sulfate Ion in Water		ASTM D516-16		P	IAS	340
341	Construction and Engineering Materials	Chemical	Plastics /UPVC		Standard Practices for Evaluating the Resistance of Plastics to Chemical Reagents		ASTM D543-21		P	IAS	341
342	Construction and Engineering Materials	Chemical	Water		Standard test method for acid and base number by color-indicator titration		ASTM D974		P	IAS	342
343	Construction and Engineering Materials	Chemical	Bitumin/Oil		Standard test method for density, relative density, or API gravity of crude petroleum and liquid petroleum products by hydrometer method		ASTM D1298		P	IAS	343
344	Construction and	Chemical	Water	Water	Standard Test Method for Effect of Household Chemicals		ASTM D1308-20		P	IAS	344

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
	Engineering Materials				on Clear and Pigmented Coating Systems						
345	Construction and Engineering Materials	Chemical	Water	Water	Standard Test Method for Determination of Carbon Black Content in Polyethylene Compounds by the Muffle-Furnace Technique		ASTM D4218-20		P	IAS	345
346	Construction and Engineering Materials	Chemical	Water	Water	Standard Test Methods for Filterable Matter (Total Dissolved Solids) and Nonfilterable Matter (Total Suspended Solids) in Water		ASTM D5907-2018		P	IAS	346
347	Construction and Engineering Materials	Chemical	Water	Water	Standard Test Method for pH of Aqueous Solutions With the Glass Electrode		ASTM E70-19		P	IAS	347
348	Construction and Engineering Materials	Chemical	Water	Water	Standard Test Method for Resistance to Chemicals of Resilient Flooring		ASTM F925-13(2020)		P	IAS	348
349	Construction and Engineering Materials	Chemical	Water	Water	Total Alkalinity-Guide to on-site test methods for the analysis of waters		BS 1427-2009		P	IAS	349
350	Construction and Engineering Materials	Chemical	Water	Water	Total/calcium hardness-Guide to on-site test methods for the analysis of waters		BS 1427-2009		P	IAS	350



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
351	Construction and Engineering Materials	Chemical	Water	Water	Chloride in water-Guide to on-site test methods for the analysis of waters		BS 1427-2009		P	IAS	351
352	Construction and Engineering Materials	Chemical	Water	Water	Free carbon dioxide-Guide to on-site test methods for the analysis of waters		BS 1427-2009		P	IAS	352
353	Construction and Engineering Materials	Chemical	Water	Water	pH-Guide to on-site test methods for the analysis of waters		BS 1427-2009		P	IAS	353
354	Construction and Engineering Materials	Chemical	Water	Water	Electrical conductivity-Guide to on-site test methods for the analysis of waters		BS 1427-2009		P	IAS	354
355	Construction and Engineering Materials	Chemical	Water	Water	Turbidity-Guide to on-site test methods for the analysis of waters		BS 1427-2009		P	IAS	355
356	Construction and Engineering Materials	Chemical	Cement	Cement	Loss on ignition in Cement material		BS EN 196-2		P	IAS	356
357	Construction and Engineering Materials	Chemical	Cement	Cement	Chloride content in Cement material		BS EN 196-2		P	IAS	357
358	Construction and Engineering Materials	Chemical	Concret/Mortar /Grout		Admixtures For Concrete, Mortar And Grout. Test Methods. Determination Of Water Soluble		BS EN 480-10:2009		P	IAS	358

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
					Chloride Content (British Standard)						
359	Construction and Engineering Materials	Chemical	Plastics		Plastics — Methods of test for the determination of the effects of immersion in liquid chemicals		BS EN ISO 175-2010/ ISO 175:2010		P	IAS	359
360	Construction and Engineering Materials	Chemical	UPVC		Unplasticized poly (vinyl chloride) (PVC-U) pipes — Dichloromethane resistance at specified temperature (DCMT) — Test method		BS EN ISO 9852:2007		P	IAS	360
361	Construction and Engineering Materials	Chemical	Tiles		Ceramic tiles — Part 13: Determination of chemical resistance		BS EN ISO 10545-13:2016		P	IAS	361
362	Construction and Engineering Materials	Chemical	Asphalt		Standard Test Method for Solubility of Asphalt Materials		AASHTO T44		P	IAS	362
363	Construction and Engineering Materials	Chemical	Bitumin/Oil		Standard Test Method for Penetration of Bituminous Materials		AASHTO T49		P	IAS	363
364	Construction and Engineering Materials	Chemical	Asphalt	Asphalt	Standard Test Method for Ductility of Asphalt Materials		AASHTO T51		P	IAS	364



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
365	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Softening Point of Bitumen (Ring-and-Ball Apparatus)		AASHTO T53		P	IAS	365
366	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Distillation of Emulsified Asphalt		AASHTO T59 Sec 6.		P	IAS	366
367	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Settlement and Storage Stability of Emulsified Asphalts		AASHTO T59 Sec 18.		P	IAS	367
368	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Saybolt Viscosity		AASHTO T72		P	IAS	368
369	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Flash Point of Cutback Asphalt with Tag Open-Cup Apparatus		AASHTO T79		P	IAS	369
370	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Kinematic Viscosity of Asphalts		AASHTO T201		P	IAS	370
371	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Specific Gravity and Density of Semi-Solid Asphalt Binder (Pycnometer Method)		AASHTO T228		P	IAS	371
372	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Effect of Heat and Air on a Moving Film of Asphalt Binder		AASHTO T240		P	IAS	372



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
					(Rolling Thin-Film Oven Test)						
373	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Specific Gravity, API Gravity, or Density of Cutback Asphalts by Hydrometer Method		AASHTO T295		P	IAS	373
374	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Loss on Heating of Oil and Asphaltic Compounds		ASTM D6/D6M-95(2018)		P	IAS	374
375	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Softening Point of Bitumen (Ring-and-Ball Apparatus)		ASTM D36/D36M-14(2020)		P	IAS	375
376	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Specific Gravity and Density of Semi-Solid Asphalt Binder (Pycnometer Method)		ASTM D70 / D70M-21		P	IAS	376
377	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Saybolt Viscosity		ASTM D88 / D88M-07(2019)e1		P	IAS	377
378	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Ductility of Asphalt Materials		ASTM D113-17		P	IAS	378
379	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Flash Point and Fire Point of Liquids by Tag Open- Cup Apparatus		ASTM D1310-14(2021)		P	IAS	379



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
380	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Effects of Heat and Air on Asphaltic Materials (Thin- Film Oven Test)		ASTM D1754/D1754 M- 2020.		P	IAS	380
381	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Solubility of Asphalt Materials		ASTM D2042- 22		P	IAS	381
382	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Kinematic Viscosity of Asphalts		ASTM D2170 / D2170M- 18		P	IAS	382
383	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Practice for Viscosity-Temperature Chart for Asphalt Binders		ASTM D2493 / D2493M- 16		P	IAS	383
384	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Effect of Heat and Air on a Moving Film of Asphalt Binder (Rolling Thin-Film Oven Test)		ASTM D2872- 22		P	IAS	384
385	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Specific Gravity, API Gravity, or Density of Cutback Asphalts by Hydrometer Method		ASTM D3142 / D3142M- 17		P	IAS	385
386	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Flash Point of Cutback Asphalt with Tag Open-Cup Apparatus		ASTM D3143 / D3143M- 19		P	IAS	386

#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
387	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Settlement and Storage Stability of Emulsified Asphalts		ASTM D6930-19		P	IAS	387
388	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Standard Test Method for Distillation of Emulsified Asphalt		ASTM D6997-12		P	IAS	388
389	Construction and Engineering Materials	Chemical	Bitumen	Bitumen	Determination of asphaltenes (heptane insolubles) in crude petroleum and petroleum products		IP 143-2021		P	IAS	389
390	Construction and Engineering Materials	Chemical	Soil		Soil Classification		AASHTO M 145		P	IAS	390
391	Construction and Engineering Materials	Physical	Aggregates		Standard Method of Test for Reducing Samples of Aggregate to Testing Size		ASHTO R 76		P	IAS	391
392	Construction and Engineering Materials	Physical	Aggregates		Standard Method of Test for Sampling of Aggregates		AASHTO T 2		P	IAS	392
393	Construction and Engineering Materials	Physical	Aggregates		Materials Finer than 75-µm (No. 200) Sieve in Mineral Aggregates by Washing		AASHTO T 11		P	IAS	393
394	Construction and Engineering Materials	Physical	Concrete		Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens		AASHTO T 22M/T 22		P	IAS	394



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
395	Construction and Engineering Materials	Physical	Aggregates		Specific Gravity and Absorption of fine Aggregate		AASHTO T 84		P	IAS	395
396	Construction and Engineering Materials	Physical	Aggregates		Specific Gravity and Absorption of Coarse Aggregate		AASHTO T 85		P	IAS	396
397	Construction and Engineering Materials	Physical	Aggregates		Resistance to Degradation of Small-Size Coarse Aggregate by Abrasion and Impact in the Los Angeles Machine		AASHTO T 96		P	IAS	397
398	Construction and Engineering Materials	Physical	Aggregates		Standard Method of Test for Soundness of Aggregate by Use of Sodium Sulfate or Magnesium Sulfate		AASHTO T 104		P	IAS	398
399	Construction and Engineering Materials	Physical	Aggregates		Clay Lumps and Friable Particles in Aggregate		AASHTO T 112		P	IAS	399
400	Construction and Engineering Materials	Physical	Aggregates		Plastic Fines in Graded Aggregates and Soils by Use of the Sand Equivalent Test		AASHTO T 176		P	IAS	400
401	Construction and Engineering Materials	Physical	Soil		Standard Method of Test for Density of Soil In-Place by the Sand-Cone Method		AASHTO T 191		P	IAS	401
402	Construction and	Physical	Soil		Direct Shear of Soil		AASHTO T 236		P	IAS	402



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	Engineering Materials										
403	Construction and Engineering Materials	Physical	Aggregates		Standard Method of Test for Total Evaporable Moisture Content of Aggregate by Drying		AASHTO T 255		P	IAS	403
404	Construction and Engineering Materials	Physical	Soil		Standard Method of Test for Laboratory Determination of Moisture Content of Soils		AASHTO T 265		P	IAS	404
405	Construction and Engineering Materials	Physical	Concrete		Electrical Indication of Concrete's Ability to Resist Chloride Ion Penetration		AASHTO T 277		P	IAS	405
406	Construction and Engineering Materials	Physical	Aggregates		Percentage of Fracture in Coarse Aggregate		AASHTO T 335		P	IAS	406
407	Construction and Engineering Materials	Physical	Steel		Standard Test Methods for Tension Testing of Metallic Materials		ASTM A370		P	IAS	407
408	Construction and Engineering Materials	Physical	Steel		Standard Specification for Epoxy-Coated Steel Reinforcing Bars: Coating thickness		ASTM A775/A775M Cl. 8.1		P	IAS	408
409	Construction and Engineering Materials	Physical	Steel		Standard Specification for Epoxy-Coated Steel Reinforcing Bars: Coating Continuity		ASTM A775/A775M Cl. 8.2		P	IAS	409



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
410	Construction and Engineering Materials	Physical	Steel		Standard Specification for Epoxy-Coated Steel Reinforcing Bars: Coating Flexibility		ASTM A775/A775M Cl. 8.3		P	IAS	410
411	Construction and Engineering Materials	Physical	Aggregates		Standard Test Method for Relative Density (Specific Gravity) and Absorption of Course Aggregate		ASTM C127		P	IAS	411
412	Construction and Engineering Materials	Physical	Aggregates		Standard Test Method for Relative Density (Specific Gravity) and Absorption of Fine Aggregate		ASTM C128		P	IAS	412
413	Construction and Engineering Materials	Physical	Concrete		Water Absorption, Density, Relative Density & Density Ratio		ASTM C140/C140M		P	IAS	413
414	Construction and Engineering Materials	Physical	Concrete		Standard Test Methods for Breaking Load and Flexural Properties of Block-Type Thermal Insulation		ASTM C203		P	IAS	414
415	Construction and Engineering Materials	Physical	Concrete		Standard Test Method for Water Absorption of Core Materials for Sandwich Constructions		ASTM C272/C272M		P	IAS	415
416	Construction and Engineering Materials	Physical	Concrete		Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Center-Point Loading)		ASTM C293/C293M		P	IAS	416



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
417	Construction and Engineering Materials	Physical	Mortar		Standard Test Method For Tensile Strength Of Chemical-Resistant Mortar, Grouts, And Monolithic Surfacing		ASTM C307		P	IAS	417
418	Construction and Engineering Materials	Physical	Concrete		Standard Test Methods for Compressive Strength of Chemical-Resistant Mortars, Grouts, Monolithic Surfacing, and Polymer Concretes		ASTM C579		P	IAS	418
419	Construction and Engineering Materials	Physical	Aggregates		Standard Practice for Reducing Samples of Aggregate to Testing Size		ASTM C702		P	IAS	419
420	Construction and Engineering Materials	Physical	Aggregates		Standard Practice for Sampling Aggregates		ASTM D75/D75M		P	IAS	420
421	Construction and Engineering Materials	Physical	Rubber		Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers— Tension		ASTM D412		P	IAS	421
422	Construction and Engineering Materials	Physical	Plastics		Standard Test Method for Water Absorption of Plastics		ASTM D570		P	IAS	422
423	Construction and Engineering Materials	Physical	Rubber		Standard Test Method for Tear Strength of Conventional Vulcanized Rubber		ASTM D624		P	IAS	423



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
					and Thermoplastic Elastomers						
424	Construction and Engineering Materials	Physical	Plastics		Standard Test Method for Tensile Properties of Plastics		ASTM D638		P	IAS	424
425	Construction and Engineering Materials	Physical	Plastics		Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials		ASTM D790		P	IAS	425
426	Construction and Engineering Materials	Physical	Plastic Film/ Sheets		Tensile Properties of Thin Plastic Sheeting		ASTM D882		P	IAS	426
427	Construction and Engineering Materials	Physical	Plastic Film/ Sheets		Standard Test Method for Tear Resistance (Graves Tear) of Plastic Film and Sheeting		ASTM D1004		P	IAS	427
428	Construction and Engineering Materials	Physical	Coatings		Dry-Film Thickness of Organic Coatings		ASTM D1005		P	IAS	428
429	Construction and Engineering Materials	Physical	Soil		Density and Unit Weight of Soil in Place by Sand-Cone Method		ASTM D1556		P	IAS	429



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
430	Construction and Engineering Materials	Physical	Soil		Laboratory Compaction Characteristics of Soil Using Modified Effort		ASTM D1557		P	IAS	430
431	Construction and Engineering Materials	Physical	Plastics		Standard Test Method for Compressive Properties of Rigid Cellular Plastics		ASTM D1621		P	IAS	431
432	Construction and Engineering Materials	Physical	Plastics		Standard Test Method for Apparent Density of Rigid Cellular Plastics		ASTM D1622		P	IAS	432
433	Construction and Engineering Materials	Physical	Plastics		Standard Test Method for Response of Rigid Cellular Plastics to Thermal and Humid Aging		ASTM D2126		P	IAS	433
434	Construction and Engineering Materials	Physical	Rubber		Standard test method for rubber property— durometer hardness		ASTM D2240		P	IAS	434
435	Construction and Engineering Materials	Physical	Pipes		Determination of External Loading Characteristics of Plastic Pipe by Parallel- Plate Loading		ASTM D2412		P	IAS	435
436	Construction and Engineering Materials	Physical	Rigid Plastics		Standard Test Method for Indentation Hardness of Rigid Plastics by Means of a Barcol Impressor		ASTM D2583		P	IAS	436
437	Construction and	Physical	Bitumen		Standard Practice for Estimating Application Rate and Residual		ASTM D2995		P	IAS	437



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
	Engineering Materials				Application Rate of Bituminous Distributors						
438	Construction and Engineering Materials	Physical	Geo Textile		Standard Test Method for Tensile-Tear Strength of Bituminous Roofing Membranes		ASTM D4073/D4073 M		P	IAS	438
439	Construction and Engineering Materials	Physical	Geo Textile		Standard Test Methods for Water Permeability of Geotextiles by Permittivity		ASTM D4491/D4491 M		P	IAS	439
440	Construction and Engineering Materials	Physical	Geo Textile		Standard test method for trapezoid tearing strength of geotextiles		ASTM D4533 / D4533M		P	IAS	440
441	Construction and Engineering Materials	Physical	Geo Textile		Standard Test Methods for Determining Apparent Opening Size of a Geotextile		ASTM D4751		P	IAS	441
442	Construction and Engineering Materials	Physical	Fabrics		Standard Test Method for Bursting Strength of Fabrics Constant-Rate-of- Extension (CRE) Ball Burst Test		ASTM D6797		P	IAS	442
443	Construction and Engineering Materials	Physical	Coatings		Standard Practice for Nondestructive Measurement of Dry Film Thickness of Nonmagnetic Coatings Applied to Ferrous Metals and		ASTM D7091		P	IAS	443



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
					Nonmagnetic, Nonconductive Coatings Applied to Non-Ferrous Metals						
444	Construction and Engineering Materials	Physical	Coatings		Pull-Off Adhesion Strength of Coatings on Concrete Using Portable Pull-Off Adhesion Testers		ASTM D7234		P	IAS	444
445	Construction and Engineering Materials	Physical	Aggregates		Methods for sampling of aggregate		BS 812-102		P	IAS	445
446	Construction and Engineering Materials	Physical	Soil		Linear shrinkage of Soil		BS 1377 Part 2 Cl. 6.5		P	IAS	446
447	Construction and Engineering Materials	Physical	Soil		Particle Density of soil		BS 1377 Part 2 Cl. 8		P	IAS	447
448	Construction and Engineering Materials	Physical	Soil		Determination of the Vertical Deformation and Strength Characteristics of soil by the Plate Loading Test		BS 1377 Part 9		P	IAS	448
449	Construction and Engineering Materials	Physical	Soil		Insitu California Bearing Ratio		BS 1377-Part 9		P	IAS	449
450	Construction and	Physical	Concrete		Pull-Out Strength		BS 1881-207		P	IAS	450



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
	Engineering Materials										
451	Construction and Engineering Materials	Physical	Road Marking		Hot-Applied Thermoplastic Road Marking Materials-Thickness		BS 3262-1		P	IAS	451
452	Construction and Engineering Materials	Physical	Concrete		Structural fixings in concrete and masonry. Method of test for tensile loading		BS 5080-1		P	IAS	452
453	Construction and Engineering Materials	Physical	Ceramic floors and Walls		Ceramic floor and wall tiles. Method for determination of scratch hardness of surface according to mohs		BS 6431 Part 13 EN 101		P	IAS	453
454	Construction and Engineering Materials	Physical	Polyethylene films		Specification for reeled low density polyethylene film for general purpose application (dimension)		BS 7344		P	IAS	454
455	Construction and Engineering Materials	Physical	Clay		Clay Silt & Dust		BS EN 933-1		P	IAS	455
456	Construction and Engineering Materials	Physical	Masonry Mortar		Methods of test for mortar for masonry. Determination of adhesive strength of hardened rendering and plastering mortars on substrates		BS EN 1015-12		P	IAS	456



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
457	Construction and Engineering Materials	Physical	Aggregates		Tests for mechanical and physical properties of aggregates. Determination of particle density and water absorption		BS EN 1097-6		P	IAS	457
458	Construction and Engineering Materials	Physical	Glass Fibre Reinforced Concrete		Test Method for Glass-Fibre Reinforced Cement Part 5: Measuring Bending Strength, 'Complete Bending Test' Method		BS EN 1170-5		P	IAS	458
459	Construction and Engineering Materials	Physical	Concrete		Precast concrete products. Test method for glass-fibre reinforced cement Determination of the absorption of water by immersion and determination of the dry density		BS EN 1170-6		P	IAS	459
460	Construction and Engineering Materials	Physical	Tiles		Measurement of dimensions of a single unit (Overall Dimension – Length, Width Thickness)		BS EN 1340 – Annex:C		P	IAS	460
461	Construction and Engineering Materials	Physical	Tiles		Measurement of Bending Strength and Breaking Load		BS EN 1340 – Annex:F		P	IAS	461
462	Construction and	Physical	Tiles		Abrasion Resistance (Wide Wheel)		BS EN 1340 – Annex:G		P	IAS	462



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
	Engineering Materials										
463	Construction and Engineering Materials	Physical	Aggregates		Drying Shrinkage of Aggregates		BS EN 1367-4		P	IAS	463
464	Construction and Engineering Materials	Physical	GRP		Determination of initial longitudinal tensile properties		BS EN 1393		P	IAS	464
465	Construction and Engineering Materials	Physical	Concrete		Testing concrete in structures – Cored specimens. Taking, examining and testing in compression		BS EN 12504-1		P	IAS	465
466	Construction and Engineering Materials	Physical	Pipes		Testing of welded joints of thermoplastics semi-finished products - Bend test of Joint Pipes		BS EN 12814-1		P	IAS	466
467	Construction and Engineering Materials	Physical	Thermoplastics pipes		Thermoplastics pipes and fittings - Vicat softening temperature		BS EN ISO 2507-1		P	IAS	467
468	Construction and Engineering Materials	Physical	Plastics		Plastics piping systems Plastics components Determination of dimensions		BS EN ISO 3126		P	IAS	468
469	Construction and Engineering Materials	Physical	Pipes		Resistance to external blows. Round-the-clock method		BS EN ISO 3127		P	IAS	469



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
470	Construction and Engineering Materials	Physical	Pipes		Determination of tensile properties Pipes made of unplasticized poly (vinyl chloride) (PVC-U), oriented unplasticized poly (vinyl chloride) (PVC-O), chlorinated poly (vinyl chloride) (PVC-C) and high-impact poly (vinyl chloride) (PVC-HI)		BS EN ISO 6259-2		P	IAS	470
471	Construction and Engineering Materials	Physical	Pipes		Determination of the tensile strength and failure mode of test pieces from a butt-fused joint		BS ISO 13953		P	IAS	471
472	Construction and Engineering Materials	Physical	Aggregates	Aggregates	Fully crushed particles in aggregates		DMS 007		P	IAS	472
473	Construction and Engineering Materials	Physical	Aggregates	Aggregates	Partially crushed particles in aggregates		DMS 008		P	IAS	473
474	Construction and Engineering Materials	Physical	Bitumin	Bitumin	Determination of loss of stability of compacted bituminous mixtures using marshall apparatus		DMS 10		P	IAS	474



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#	Main Field	Sub Field	Main Product / Material	Sub Product / Material	Main Test	Sub Test	Standard / Method	Range / Accuracy	Permanent (P), Onsite (S)	Accreditation Body	Ref. in Accred. Cert.
475	Construction and Engineering Materials	Physical	Plastics		Plastics — Determination of tensile properties — Part 1: General principles		ISO 527-1		P	IAS	475
476	Construction and Engineering Materials	Physical	Film	Film	Plastics — Determination of tensile properties — Part 3: Test conditions for films and sheets		ISO 527-3		P	IAS	476
477	Construction and Engineering Materials	Physical	Pipes	Pipes	Longitudinal Reversion- Thermoplastics Pipes		ISO 2505		P	IAS	477
478	Construction and Engineering Materials	Physical	Pipes	Pipes	Thermoplastics pipes — Determination of tensile properties — Part 1: General test method		ISO 6259-1		P	IAS	478
479	Construction and Engineering Materials	Physical	Pipes	Pipes	Determination of thickness at specified pressures		ISO 9863-1		P	IAS	479
480	Construction and Engineering Materials	Physical	Coupler	Coupler	Tensile Strength of Coupler		ISO 15835-2		P	IAS	480
481	Construction and Engineering Materials	Physical	Concrete	Concrete	Foreign Materials		RC 372.04		P	IAS	481

End of scope of designation

Designation History			
Issue number	Revision number	Details	Issue Date
00	00	Initial designation	Jan.28, 2020
01	00	Renewal of Designation	Jan.28, 2023
01	01	Expansion of scope	Feb.24, 2023