National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ORDNANCE FACTORY BHANDARA LABORATORY, JAWAHARNAGAR, BHANDARA, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Double Base Propellants	Nitrocellulose	JSS 1376-12 (Rev.no.2)
2	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Double Base Propellant	Abel Heat Test @ 71.1 oC +/- 0.5 oC	JSS 1376-12 (Rev.no.2)
3	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Double Base Propellant	Average Side of Square	JSS 1376-12 (Rev.no.2):
4	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Double Base Propellant	Average Width	JSS 1376-12 (Rev.no.2)
5	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Double Base Propellants	B & J Test @ 120 oC +/- 0.5 oC	JSS 1376-12 (Rev.no.2)
6	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Double Base Propellants	Calorimetric Value	JSS 1376-12 (Rev.no.2)
7	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Double Base Propellants	Dutch Test @ 105 oC +/- 0.5 oC	JSS 1376-12 (Rev.no.2):
8	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Double Base Propellants	Hanzen Test pH Value @ 100 oC +/- 0.5 oC	JSS 1376-12 (Rev.no.2)
9	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Double Base Propellants	Heating Test at 100 oC +/- 0.5 oC	JSS 1376-12 (Rev.no.2)
10	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Double Base Propellants	Mineral Jelly	JSS 1376-12 (Rev.no.2):
11	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Double Base Propellants	Nitroglycerine	JSS 1376-12 (Rev.no.2):
12	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Double Base Propellants	Total Volatile matter (Dutch method)	JSS 1376-12 (Rev.no.2)
13	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Double Base Propellants	Volatile matter content	JSS 1376-12 (Rev.no.2)
14	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Nitrocellulose: NC-321, NC-322, NC-323, NC-324, NC-325 , NSC-33 & Type- C	Alkalinity, calculated as Calcium carbonate on dry material	JSS1376-10 : (Rev. No. 3)
15	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Nitrocellulose: NC-321, NC-322, NC-323, NC-324, NC-325 , NSC-33 & Type- C	Nitrogen content calculated as on dry material free from mineral matter	JSS1376-10 : (Rev. No. 3)
16	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Nitrocellulose: NC-321, NC-322, NC-323, NC-324, NC-325 , NSC-33 & Type- C	Pulping fineness	JSS1376-10 : (Rev. No. 3)
17	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Nitrocellulose: NC-324 & NC-325	Viscosity by Hoppler method	JSS1376-10 :(Rev. No. 3)

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18	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Nitrocellulose: NSC-33	Viscosity by Ostwald Bohme	JSS1376-10 : (Rev. No. 3)
19	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Penta Erythritol Tetra Nitrate (PETN) Type A, B, C & F A 956 Type A	Melting Point	JSS 1376-06 (Rev. No. 4): 2017
20	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Penta Erythritol Tetra Nitrate (PETN) Type A, B, C & F A 956 Type A	Nitrogen content	JSS 1376-06 (Rev. No. 4):
21	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Penta Erythritol Tetra Nitrate (PETN) Type A, B, C & F A 956 Type A	Volatile matter	JSS 1376-06 (Rev. No. 4):
22	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : TNT 55 : 45 (B)	Bees Wax content	IND/ME/604(f), (DC No. 3411 ME, Dt. 14-11-96)
23	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : TNT 55 : 45 (B)	RDX content	IND/ME/604 (f), (DC No. 3411 ME, Dt. 14-11-96)
24	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : TNT 55 : 45 (B)	TNT content	IND/ME/604(f), (DC No. 3411 ME, Dt. 14-11-96)
25	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : TNT 55 : 45 (B)	Volatile matter	IND/ME/604 (f), (DC No. 3411 ME, Dt. 14-11-96)
26	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : TNT 55 : 45 (B)	Acidity as HNO3	IND/ME/604(f), (DC No. 3411 ME, Dt. 14-11-96)
27	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : TNT 60 : 40 (A) & (B)	Acidity as HNO3	IND/ME/604(f), (DC No. 3411 ME, Dt. 14-11-96):
28	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : TNT 60 : 40 (A) & (B)	Bees Wax content	IND/ME/604(f), (DC No. 3411 ME, Dt. 14-11-96):
29	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : TNT 60 : 40 (A) & (B)	RDX content	IND/ME/604 (f), (DC No. 3411 ME, Dt. 14-11-96):
30	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : TNT 60 : 40 (A) & (B)	TNT content	IND/ME/604(f), (DC No. 3411 ME, Dt. 14-11-96):
31	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : TNT 60 : 40 (A) & (B)	Volatile matter	IND/ME/604 (f), (DC No. 3411 ME, Dt. 14-11-96)
32	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : TNT 80 : 20 (Hexolite Type A & B)	Acidity calculated as HNO3 on RDX content	IND/ME/814
33	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : TNT 80 : 20 (Hexolite Type A & B)	RDX content	IND/ME/814
34	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : TNT 80 : 20 (Hexolite Type A & B)	TNT content	IND/ME/814
35	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : TNT 80 : 20 (Hexolite Type A & B)	Volatile matter	IND/ME/814
36	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : WAX : Aluminium (ME-305) (modified)	Aluminium content	IND/ME/841(a):

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37	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : WAX : Aluminium (ME-305) (modified)	RDX content	IND/ME/841(a):
38	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : WAX : Aluminium (ME-305) (modified)	Volatile Matter @100 +/- 2 oC	IND/ME/841(a):
39	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : WAX : Aluminium (ME-305) (modified)	WAX content	IND/ME/841(a):
40	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : WAX 88 :12, 95 : 5, 92.5 : 7.5	RDX Content	IND/ME/816(a):
41	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : WAX 88 :12, 95 : 5, 92.5 : 7.5	Volatile Matter	IND/ME/816(a):
42	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX : WAX 88 :12, 95 : 5, 92.5 : 7.5	WAX Total	IND/ME/816(a):
43	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX Gr. - IA & Gr. - IB	Carbon content	JSS 1376-01 (Rev. No. 5):
44	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX Gr. - IA & Gr. - IB	Melting point	JSS 1376-01 (Rev. No. 5):
45	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX Gr. - IA & Gr. - IB	Occluded acidity calculated as HNO3	JSS 1376-01 (Rev. No. 5):
46	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX Gr. - IA & Gr. - IB	Surface alkalinity calculated as Na2CO3	JSS 1376-01 (Rev. No. 5):
47	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX Gr. - IA & Gr. - IB	Total acidity calculated as HNO3	JSS 1376-01 (Rev. No. 5):
48	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX Grade - I	Carbon content	JSS 1376-01 (Rev. No. 5):
49	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX Grade - I	Melting point	JSS 1376-01 (Rev. No. 5):
50	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX Grade - I	Occluded acidity calculated as HNO3	JSS 1376-01 (Rev. No. 5):
51	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX Grade - I	Surface alkalinity calculated as Na2CO3	JSS 1376-01 (Rev. No. 5):
52	CHEMICAL- EXPLOSIVES & PYROTECHNICS	RDX Grade - I	Total acidity calculated as HNO3	JSS 1376-01 (Rev. No. 5):
53	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Single Base Propellants	Abel Heat Test at 80 oC +/- 0.5 oC	JSS 1376-11 (Rev.no.2)
54	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Single Base Propellants	Average Length	JSS 1376-11 (Rev.No.2)
55	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Single Base Propellants	Average Web	JSS 1376-11 (Rev.No.2)

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56	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Single Base Propellants	B & J Test at 132 oC +/- 0.5 oC	JSS 1376-11 (Rev.no.2)
57	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Single Base Propellants	Calorimetric Value	JSS 1376-11 (Rev.no.2)
58	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Single Base Propellants	Dibutyl phthalates	JSS 1376-11 (Rev.no.2)
59	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Single Base Propellants	Diphenyl Amine	JSS 1376-11 (Rev.no.2)
60	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Single Base Propellants	Dutch Test at 110 oC +/- 0.5 oC	JSS 1376-11 (Rev.no.2)
61	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Single Base Propellants	External Diameter	JSS 1376-11 (Rev.No.2)
62	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Single Base Propellants	Internal Hole Diameter	JSS 1376-11 (Rev.No.2)
63	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Single Base Propellants	Moisture content	JSS 1376-11 (Rev.no.2)
64	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Single Base Propellants	Nitrocellulose	JSS 1376-11 (Rev.no.2)
65	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Single Base Propellants	Total Volatile matter (Dutch method)	JSS 1376-11 (Rev.no.2):
66	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Single Base Propellants & Double Base Propellants	Carbamite	JSS 1376-12 (Rev.no.2)
67	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Acetone	Acidity (as CH3COOH)	IS:170: (Rev.5)
68	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Acetone	Alkalinity	IS:170: (Rev.5)
69	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Acetone	R.D at 27 0C/27 0C	IS:170 (Rev.5),
70	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Acetone	Residue on evaporation	IS:170 (Rev.5),
71	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Alumino Ferric	Insoluble matter	IS 299 (Rev. No. 5)
72	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Alumino Ferric	pH (of 5 percent aqueous solution)	IS 299 (Rev. No. 5):
73	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Alumino Ferric	Soluble Iron compounds	IS 299 (Rev. No. 5)
74	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Alumino Ferric	Water soluble aluminium compounds (as Al2O3)	IS 299 (Rev. No. 5)

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75	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Basic Lead Stearate	Solubility in Boiling Acetic Acid	IND/ME/843/PROV DC 3754 ME DTD: 12.12.02
76	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Basic Lead Stearate	Moisture content	IND/ME/843/PROV DC 3754 ME DTD: 12.12.02
77	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Bleached Cotton Linter (Cellulose)	Acidity	JSS 8305-14 (Rev.No.5)
78	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Bleached Cotton Linter (Cellulose)	Alpha Cellulose content	JSS 8305-14 (Rev.No.5):
79	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Bleached Cotton Linter (Cellulose)	Copper number	JSS 8305-14 (Rev.No.5):
80	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Bleached Cotton Linter (Cellulose)	Dynamic viscosity	JSS 8305-14 (Rev.No.5)
81	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Bleached Cotton Linter (Cellulose)	Ether soluble matter	JSS 8305-14 (Rev.No.5)
82	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Bleached Cotton Linter (Cellulose)	Malachite Green dye test	JSS 8305-14 (Rev.No.5)
83	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Bleached Cotton Linter (Cellulose)	Matter soluble in 1 % boiling alkali	JSS 8305-14 (Rev.No.5)
84	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Bleached Cotton Linter (Cellulose)	Matter soluble in 3 % boiling alkali	JSS 8305-14 (Rev.No.5):
85	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Bleached Cotton Linter (Cellulose)	Mineral matter	JSS 8305-14 (Rev.No.5)
86	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Bleached Cotton Linter (Cellulose)	Moisture Content	JSS 8305-14 (Rev.No.5)
87	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Calcium Carbonate	Loss on drying at 105 0C	IS: 7633
88	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Calcium Carbonate	Water soluble alkali as Na2O	IS 7633
89	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Ash content	JSS : 6810-81 (Rev. No.3)
90	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Matter soluble in water	JSS : 6810-81 (Rev. No.3)
91	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	Ph of water extract	JSS : 6810-81 (Rev. No.3)
92	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Carbon Black	volatile matter	JSS : 6810-81- (Rev. No.3)
93	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Di Ethyl Phthalate	Acidity as phthalic acid	IND/ME/873 (a)

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94	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Di Ethyl Phthalate	Ash	IND/ME/873
95	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Di Ethyl Phthalate	Ester content as Di Ethyl Phthalate	IND/ME/873 (a)
96	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Di Ethyl Phthalate	Relative density at 27 0C /27 0C	IND/ME/873 (a)
97	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Diamyl phthalate	Acidity (as phthalic acid)	IND/ME 872 (Prov.) (DC No.5383 ME dt.21-12-2015)
98	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Diamyl phthalate	Ash	IND/ME 872 (Prov.) (DC No.5383 ME dt.21-12-2015)
99	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Diamyl phthalate	Ester content (as diamyl phthalate)	IND/ME 872 (Prov.) (DC No.5383 ME dt.21-12-2015)
100	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Diamyl phthalate	Relative density at 27 oC / 27 oC	IND/ME 872 (Prov.) (DC No.5383 ME dt.21-12-2015)
101	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Diamyl phthalate	Volatile matter	IND/ME 872 (Prov.) (DC No.5383 ME dt.21-12-2015)
102	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Dibutyl phthalate	Acidity (as phthalic acid)	IS 14421
103	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Dibutyl phthalate	Ash	IS 14421
104	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Dibutyl phthalate	Ester value	IS 14421
105	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Dibutyl phthalate	Relative density at 27 oC / 27 oC	IS 14421
106	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	DiPhenyl Amine	Acidity calculated as H2SO4 acid	JSS : 6810-129 (Rev. No.4)
107	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	DiPhenyl Amine	Alkalinity	JSS : 6810-129 (Rev. No.4)
108	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	DiPhenyl Amine	Moisture Content	JSS : 6810-129 (Rev. No.4)
109	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	DiPhenyl Amine	Sulphuric acid test	JSS : 6810-129(Rev. No.4)
110	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Ether	Aldehyde & Acetone	IS 336 (Rev.II)
111	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Ether	Distillation range	IS 336 (Rev.II-DC No. 3811-ME Dt. 05-05-2004
112	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Ether	Methyl alcohol	IS 336 (Rev.II)

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113	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Ether	Peroxides	IS 336 (Rev.II-DC No. 3811-ME Dt. 05-05-2004):
114	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Ether	Relative density at 20 oC / 20 oC	IS 336 (Rev.II-DC No. 3811-ME Dt. 05-05-2004)
115	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Ether	Residue on evaporation	IS 336 (Rev.II-DC No. 3811-ME Dt. 05-05-2004)
116	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Ether	Sulphurous acid & other free acids	IS 336 (Rev.II)
117	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Ethyl Cellulose	Acidity or Alkalinity	CS 2724 (approved)
118	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Ethyl Cellulose	Ash	CS 2724 (approved)
119	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Ethyl Cellulose	Chlorides	CS 2724 (approved)
120	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Ethyl Cellulose	Solubility	CS : 2724 (approved)
121	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Ethyl Cellulose	Sulphates	CS 2724 (approved)
122	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Ethyl Cellulose	Volatile matter	CS 2724 (approved)
123	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Glycerine, for Nitration	Alkalinity (as Na2O)	IS 1796 (Rev.no. 2)
124	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Glycerine, for Nitration	Ash	IS 1796 (Rev.no. 2)
125	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Glycerine, for Nitration	Chlorides (as Cl)	IS 1796 (Rev.no. 2)
126	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Glycerine, for Nitration	Ether soluble matter	IS 1796 (Rev.no. 2)
127	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Glycerine, for Nitration	Fatty acids & esters as Na2O	IS 1796 (Rev.no. 2)
128	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Glycerine, for Nitration	Glycerol	IS 1796 (Rev.no. 2)
129	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Glycerine, for Nitration	Nitrogen content	JSS 6810-109 (Rev.No.3)
130	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Glycerine, for Nitration	Physical appearance	JSS 6810-109 (Rev.No.4)
131	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Glycerine, for Nitration	Reducing substances	IS 1796 (Rev.no. 2)

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132	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Glycerine, for Nitration	Relative density at 30/30 0C	IS 1796 (Rev.no. 2)
133	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Glycerine, for Nitration	Sulphates (as SO4)	JSS 6810-109 (Rev.No.3)
134	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Glycerine, for Nitration	Sulphuric acid test	JSS 6810-109 (Rev.No.3)
135	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Graphite Dry sulphur Free	Gritty particle in the ash retained on : 63 µm IS Sieve	JSS : 9620-01 (Rev. No.3)
136	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Graphite Dry sulphur Free	Ph of Aqueous extract	JSS : 9620-01 (Rev. No.3):
137	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Graphite Dry sulphur Free	volatile matter at 105 +/- 2 0C	JSS : 9620-01 (Rev. No.3)
138	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Recrystallized)	Ammonia and Ammonium compounds calculated as NH3	JSS 6810-39 (Rev.No.4)
139	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Recrystallized)	Ash	JSS 6810-39 (Rev.No.4)
140	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Recrystallized)	Chlorides calculated as Cl	JSS 6810-39 (Rev.No.4)
141	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Recrystallized)	Free Formaldehyde	JSS 6810-39 (Rev.No.4)
142	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Recrystallized)	Matter Insoluble in water	JSS 6810-39 (Rev.No.4)
143	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Recrystallized)	Organic impurities	IS 4306 (Rev-II) (Method as per A-13)
144	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Recrystallized)	pH of aqueous extract	IS 4306 (Rev-II) (Method as per A-3)
145	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Recrystallized)	Sieving requirements: Passing through 250 micrometre IS Sieve	JSS 6810-39 (Rev.No.4)
146	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Recrystallized)	Sieving requirements: Retained on 1.18 mm IS Sieve	JSS 6810-39 (Rev.No.4)
147	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Recrystallized)	Sulphated ash	IS 4306 (Rev-II) (Method as per A-6)
148	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Recrystallized)	Sulphates calculated as SO4	JSS 6810-39 (Rev.No.4)
149	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Recrystallized)	Total Hexamine (Calculated on the basis of volatile matter free material)	JSS 6810-39 (Rev.No.4)

SCOPE OF ACCREDITATION

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
150	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Recrystallized)	Volatile matter	JSS 6810-39 (Rev.No.4)
151	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Virgin)	Ammonia and Ammonium compounds calculated as NH3	JSS 6810-39 (Rev.No.4)
152	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Virgin)	Ash	JSS 6810-39 (Rev.No.4)
153	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Virgin)	Chlorides calculated as Cl,	JSS 6810-39 (Rev.No.4)
154	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Virgin)	Free Formaldehyde	JSS 6810-39 (Rev.No.4)
155	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Virgin)	Matter insoluble in water	JSS 6810-39 (Rev.No.4)
156	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Virgin)	Organic impurities	IS 4306 (Rev-II) (Method as per A-13)
157	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Virgin)	pH of aqueous extract	IS 4306 (Rev-II) (Method as per A-3)
158	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Virgin)	Sieving requirement: Retained on 1.18 mm IS Sieve	JSS 6810-39 (Rev.No.4)
159	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Virgin)	Sulphated ash	IS 4306 (Rev-II) (Method as per A-6)
160	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Virgin)	Sulphates calculated as SO4	JSS 6810-39 (Rev.No.4)
161	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Virgin)	Total Hexamine (Calculated on the basis of volatile matter free material)	JSS 6810-39 (Rev.No.4)
162	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Hexamine (Virgin)	Volatile matter	JSS 6810-39 (Rev.No.4)
163	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Litharge	Lead Oxide content calculated as lead monoxide (PbO)	JSS : 6810-111 (Rev. No.3)
164	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Litharge	volatile matter at 100 0C	JSS : 6810-111 (Rev. No.3)
165	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Nitric Acid	Nitrous Acid (as HNO2)	IS 264 (Rev. No.3)
166	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Nitric Acid	Total acidity (as HNO3)	IS 264 (Rev. No.3)
167	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Oleum	Chloride as Cl	IS 1089 (Rev. No.2)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
168	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Oleum	Free sulphur trioxide (as SO3)	IS 1089 (Rev.No.2) and Bofors specification
169	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Oleum	Strength (as H2SO4)	IS 1089 (Rev.No.2)
170	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Penta Erythritol	Ash	IND/ME/799(a) (DC No. 3754 ME, dt.12-12-02)
171	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Penta Erythritol	Chlorides	IND/ME/799(a) (DC No. 3754 ME, dt.12-12-02)
172	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Penta Erythritol	Melting Point	IND/ME/799(a) (DC No. 3754 ME, dt.12-12-02)
173	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Penta Erythritol	Moisture content	IND/ME/799(a) (DC No. 3754 ME, dt.12-12-02)
174	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Penta Erythritol	Solubility in water	IND/ME/799(a) (DC No. 3754 ME, dt.12-12-02)
175	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Penta Erythritol	Sulphates	IND/ME/799(a) (DC No. 3754 ME, dt.12-12-02)
176	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Potassium Nitrate	Acidity	IS : 301
177	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Potassium Nitrate	Alkalinity	IS : 301
178	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Potassium Nitrate	Potassium Nitrate as KNO3	IS : 301
179	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Potassium Nitrate	water Insoluble Organic Matter	IS : 301
180	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Potassium Sulphate	Water insoluble matter	JSS : 6810-110 (Rev. No.4)
181	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Potassium Sulphate	Moisture content at 105 0C	JSS : 6810-110 (Rev. No.4)
182	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Potassium Sulphate	Ph of Aqueous extract	JSS : 6810-110 (Rev. No.4)
183	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Potassium Sulphate	Potassium Sulphate Contained	JSS : 6810-110 (Rev. No.4)
184	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Quick Lime	Available lime as CaO	IS 1540 Part-I (Rev. No.2)
185	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Quick Lime	Total Alkalinity as CaO	BF 1.11:
186	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Rectified Spirit	Acidity (as CH3COOH)	IS 323 (2nd Revision)

SCOPE OF ACCREDITATION

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
187	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Rectified Spirit	Aldehyde content (as CH3CHO)	IS 323 (2nd Revision)
188	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Rectified Spirit	Ethanol content % by volume at 20 oC/ 20 oC	IS 323 (2nd Revision)
189	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Rectified Spirit	Specific gravity at 20 oC / 20 oC	IS 323 (2nd Revision)
190	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Soda Ash, Technical	Chlorides (as NaCl)	IS 251 (Rev.No. 4)
191	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Soda Ash, Technical	Matter insoluble in water	IS 251 (Rev.No. 4)
192	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Soda Ash, Technical	Sulphate (Na2SO4)	IS 251 (Rev.No. 4)
193	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Soda Ash, Technical	Total alkalinity (as Na2CO3)	IS 251 (Rev.No. 4)
194	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Soda Ash, Technical	Volatile matter content	IS 251 (Rev.No. 4)
195	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sulphuric Acid	Iron (as Fe)	IS 266 (Rev.No.3)
196	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sulphuric Acid	Residue on ignition	IS 266 (Rev.No.3)
197	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Sulphuric acid	Total acidity (as H2SO4)	IS 266 (Rev.No.3)
198	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Zinc Stearate	Acidity to Phenolphthalein	JSS : 6810-133 (Rev. No.2)
199	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Zinc Stearate	Alkalinity to Phenolphthalein	JSS : 6810-133 (Rev. No.2)
200	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Zinc Stearate	Ph of Aqueous extract	JSS : 6810-133 (Rev. No.2)
201	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Zinc Stearate	Sieving Requirement retained on : 150 µm	JSS : 6810-133 (Rev. No.2)
202	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Zinc Stearate	Sieving Requirement retained on : 75 µm	JSS : 6810-133 (Rev. No.2)
203	CHEMICAL- INDUSTRIAL & FINE CHEMICALS	Zinc Stearate	Volatile matter	JSS : 6810-133 (Rev. No.2)