SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL (CENTRAL LABORATORY), AMMUNITION FACTORY KHADKI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11186 **Page No** 1 of 17

Validity 24/11/2022 to 23/11/2024 **Last Amended on** -

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	Aluminium Powder Heavy Grade-I	Apparent Density	JSS : 1370 - 03 DC 6175 ME Dt. 10/07/2021
2	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Aluminium Powder Heavy Grade-I	Gritty Matter % by mass	JSS : 1370 - 03 DC 6175 ME Dt. 10/07/2021
3	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Aluminium Powder Heavy Grade-I	Matter Soluble in Ether % by mass	JSS : 1370 - 03 DC 6175 ME Dt. 10/07/2021
4	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Aluminium Powder Heavy Grade-I	pH of Water Extract	JSS : 1370 - 03 DC 6175 ME Dt. 10/07/2021
5	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Aluminium Powder Heavy Grade-I	Sieving Requirement of Gritty Particles (i) Retained on 425 micrometer IS Sieve	JSS : 1370 - 03 DC 6175 ME Dt. 10/07/2021
6	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Aluminium Powder Heavy Grade-I	Sieving Requirement of Gritty Particles (ii) No. of Particles retained on 250 micrometer IS Sieve, per 10 g sample	JSS : 1370 - 03 DC 6175 ME Dt. 10/07/2021
7	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Aluminium Powder Heavy Grade-I	Sieving Requirement Size 125 micrometer retained on 125 micrometer IS Sieve	JSS : 1370 - 03 DC 6175 ME Dt. 10/07/2021
8	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Aluminium Powder Heavy Grade-I	Volatile Matter % by mass	JSS : 1370 - 03 DC 6175 ME Dt. 10/07/2021
9	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Aluminium Powder Light Grade-I	Apparent Density	JSS 1370-04 Rev. No. 03
10	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Aluminium Powder Light Grade-I	Sieving Requirement % by mass (i) Size 125 micrometer - retained on 125 micrometer IS Sieve	JSS 1370-04 Rev. No. 03
11	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Aluminium Powder Light Grade-I	Sieving Requirement % by mass (i) Size 150 micrometer - retained on 150 micrometer IS Sieve	JSS 1370-04 Rev. No. 03
12	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Aluminium Powder Light Grade-I	Sieving Requirement % by mass (i) Size 90 micrometer - retained on 90 micrometer IS Sieve	JSS 1370-04 Rev. No. 03
13	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Aluminium Powder Light Grade-I	Volatile Matter % by mass	JSS 1370-04 Rev. No. 03
14	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 202	Adhesion	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL (CENTRAL LABORATORY), AMMUNITION FACTORY KHADKI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11186 **Page No** 2 of 17

Validity 24/11/2022 to 23/11/2024 **Last Amended on** -

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
15	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 202	Ash Content % by mass	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
16	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 202	Confirmation of Shellac	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
17	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 202	Finish	JSS 8010-63 (REV. NO. 04)
18	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 202	Total Non-Volatile Matter % by Mass	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
19	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 211	Adhesion	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
20	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 211	Ash Content % by mass	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
21	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 211	Confirmation of Shellac	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
22	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 211	Finish	JSS 8010-63 (REV. NO. 04)
23	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 211	Total Non-Volatile Matter % by mass	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
24	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 222	Adhesion	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
25	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 222	Ash Content % by mass	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
26	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 222	Confirmation of Shellac	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
27	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 222	FINISH	JSS 8010-63 (REV. NO. 04)
28	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 222	Total Non Volatile Matter % by mass	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
29	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 224	Adhesion	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
30	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 224	Ash % by mass	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
31	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 224	Confirmation of Shellac	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
32	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 224	Finish	JSS 8010-63 (REV. NO. 04)
33	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 224	Total Non-Volatile % by mass	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL (CENTRAL LABORATORY), AMMUNITION FACTORY KHADKI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11186 **Page No** 3 of 17

Validity 24/11/2022 to 23/11/2024 **Last Amended on** -

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34	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 225	Adhesion	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
35	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 225	Ash % by mass	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
36	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 225	Confirmation of Shellac	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
37	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 225	Finish	JSS 8010-63 (REV. NO. 04)
38	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 225	Total Non-Volatile Matter % by mass	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
39	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 226	Adhesion	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
40	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 226	Ash % by mass	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
41	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 226	Confirmation of Shellac	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
42	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 226	Finish	JSS 8010-63 (REV. NO. 04)
43	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition 226	Total Non-Volatile Matter % by mass	JSS : 8010-63 : DC 6076 ME Dt. 22/06/2017
44	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition No. 02	Red Oxide of Iron % by Mass	JSS : 8030 - 14 : 2020 (5th Revision)
45	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition No. 02	Volatile Matter % by mass	JSS : 8030 - 14 : 2020 (5th Revision)
46	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition No. 221	Ash on Incineration % by mass	JSS : 8010 - 28 : 2020 (4th Revision) DC 6206 ME Dt. 04/08/2021
47	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Ammunition Protective Composition No. 221	Volatile Matter % by Mass	JSS : 8010 - 28 : 2020 (4th Revision) DC 6206 ME Dt. 04/08/2021
48	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Antimony Sulphide	Free Antimony % by mass	JSS : 6810 - 71 Rev. No. 05 DC 6159 ME Dt. 10/07/2021
49	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Antimony Sulphide	Matter Insoluble in Aqua Regia % by mass	JSS : 6810 - 71 Rev. No. 05 DC 6159 ME Dt. 10/07/2021
50	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Antimony Sulphide	Total Antimony % by mass	JSS : 6810 - 71 Rev. No. 05 DC 6159 ME Dt. 10/07/2021
51	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Antimony Sulphide	Total Sulphur % by mass	JSS : 6810 - 71 Rev. No. 05 DC 6159 ME Dt. 10/07/2021

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL (CENTRAL LABORATORY), AMMUNITION FACTORY KHADKI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11186 **Page No** 4 of 17

Validity 24/11/2022 to 23/11/2024 **Last Amended on** -

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
52	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Antimony Sulphide	Volatile Matter % by mass	JSS : 6810 - 71 Rev. No. 05 DC 6159 ME Dt. 10/07/2021
53	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Barium Nitrate Grade-I	Barium Nitrate Content, % by mass	JSS : 6810 - 59 Rev. No. 04 DC 5480 ME Dt. 24/09/2016
54	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Barium Chromate	Barium Chromate Content % by mass	IND/ME/794 (b) DC 5177 ME Dt. 20/01/2014
55	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Barium Chromate	Sieving Requirement retained on 53 micrometer IS Sieve	IND/ME/794 (b) DC 5177 ME Dt. 20/01/2014
56	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Barium Chromate	Volatile Matter % by mass	IND/ME/794 (b) DC 5177 ME Dt. 20/01/2014
57	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Barium Chromate	Water Soluble Chlorides calculated as 'Cl' % by mass	IND/ME/794 (b) DC 5177 ME Dt. 20/01/2014
58	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Barium Chromate	Water Soluble Matter % by mass	IND/ME/794 (b) DC 5177 ME Dt. 20/01/2014
59	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Barium Nitrate Grade I	Chlorides calculated as NaCl, % by mass	JSS 6810-59 DC 5480 ME DT. 24/09/2016(Rev. No. 4)
60	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Barium Nitrate Grade I	Sieving Requirement % by mass aa) retained on 150 micrometer IS Sieve	JSS 68140-59 DC 5480 ME DT. 24/09/16 (Rev. No. 04)
61	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Barium Nitrate Grade I	Sieving Requirement ab) retained on 90 micrometer IS Sieve	JSS 6810-59 DC 5480 ME DT. 24/09/16 (Rev. No. 04)
62	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Barium Nitrate Grade I	Sieving Requirement ac) retained on 75 micrometer IS Sieve	JSG 0112 DC 6245 ME(Rev. No. 3)(Method 18)
63	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Barium Nitrate Grade-I	Grit Retained on 125 micrometer IS Sieve % by mass	JSS : 6810 - 59 Rev. No. 04 DC 5480 ME Dt. 24/09/2016
64	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Barium Nitrate Grade-I	Moisture % by mass	JSS : 6810 - 59 Rev. No. 04 DC 5480 ME Dt. 24/09/2016
65	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Barium Nitrate Grade-I	Organic Matter Insoluble in matter % by mass	JSS : 6810 - 59 Rev. No. 04 DC 5480 ME Dt. 24/09/2016
66	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Barium Nitrate Grade-I	pH of water extract	JSS : 6810 - 59 Rev. No. 04 DC 5480 ME Dt. 24/09/2016
67	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Barium Nitrate Grade-I	Total Matter Insoluble in water % by mass	JSS : 6810 - 59 Rev. No. 04 DC 5480 ME Dt. 24/09/2016
68	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Booster Composition	NC % by masss	IND/ME/990 DC 5162 ME Dt. 25/09/2013
69	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Booster Composition	Potassium Perchlorate % by mass	IND/ME/990 DC 5162 ME Dt. 25/09/2013

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11186 **Page No** 5 of 17

Validity 24/11/2022 to 23/11/2024 **Last Amended on** -

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70	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Booster Composition	Volatile Matter % by mass	IND/ME/990 DC 5162 ME Dt. 25/09/2013
71	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Boron Powder	Volatile Matter % by mass	IND/ME/980 DC 6033 ME Dt. 08/06/2017
72	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Calcium Silicide	Apparent Density	JSS:6810-107 Rev No 4
73	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Calcium Silicide	Moisture, % by mass	JSS:6810-107 Rev No 4
74	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Calcium Silicide	Sieving requirement, retained on 125 micrometer IS sieve, % by mass	JSS:6810-107 Rev No 4
75	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Calcium Silicide	Sieving requirement, retained on 75 micrometer IS sieve, % by mass	JSS:6810-107 Rev No 4
76	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Calcium Silicide	Silicon, % by mass	JSS:6810-107 Rev No 4
77	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition (S-1)	Antimony Sulphide % by maxx	IND/ME/795 (C) DC 5264 ME Dt. 24/06/2014
78	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition (S-1)	Barium Chromate % by mass	IND/ME/795 (C) DC 5264 ME Dt. 24/06/2014
79	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition (S-1)	Potassium Perchlorate % by mass	IND/ME/795 (C) DC 5264 ME Dt. 24/06/2014
80	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition (S-1)	Volatile Matter % by mass	IND/ME/795 (C) DC 5264 ME Dt. 24/06/2014
81	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition (Type A) S. R. No. 126	Barium Peroxide %	IND/ME/525(c) : DC 6080 ME Dt. 23/08/2017
82	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition (Type A) S. R. No. 126	Charcoal %	IND/ME/525(c) : DC 6080 ME Dt. 23/08/2017
83	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition (Type A) S. R. No. 126	Magnesium Powder %	IND/ME/525(c) : DC 6080 ME Dt. 23/08/2017
84	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition (Type A) S. R. No. 126	Shellac %	IND/ME/525(c) : DC 6080 ME Dt. 23/08/2017
85	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition (Type A) S. R. No.126	Impurities (expressed as BaSO4) %	IND/ME/525(c) : DC 6080 ME Dt. 23/08/2017
86	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition (Type A) S.R. No. 126	Volatile Matter %	IND/ME/525(c) : DC 6080 ME Dt. 23/08/2017
87	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition (Type B) S. R. No. 368	Glue XY %	IND/ME/526(c) : DC 6081 ME Dt. 23/08/2017

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL (CENTRAL LABORATORY), AMMUNITION FACTORY KHADKI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11186 **Page No** 6 of 17

Validity 24/11/2022 to 23/11/2024 **Last Amended on** -

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88	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition (Type B) S. R. No. 368	Magnesium Powder %	IND/ME/526(c) : DC 6081 ME Dt. 23/08/2017
89	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition (Type B) S. R. No. 368	Strontium Nitrate %	IND/ME/526(c) : DC 6081 ME Dt. 23/08/2017
90	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition (Type B) S. R. No. 368	Strontium Peroxide %	IND/ME/526(c) : DC 6081 ME Dt. 23/08/2017
91	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition (Type B) S.R. No. 368	Volatile Matter %	IND/ME/526(c) : DC 6081 ME Dt. 23/08/2017
92	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition Booster	Barium Chromate % by mass	IND/ME/990 DC 5162 ME Dt. 25/09/2013
93	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition Booster	Red Lead % by mass	IND/ME/990 DC 5162 ME Dt. 25/09/2013
94	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition Booster	Zirconium + Antimony Sulphide % by mass	IND/ME/990 DC 5162 ME Dt. 25/09/2013
95	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition Delay ME 433	Binder APC 217 Parts over and above 100 parts of main composition	JSS-1365 : 47 DC 6210 ME Dt. 02/09/2021
96	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition Delay ME 433	Red Lead % by mass	JSS-1365 : 47 DC 6210 ME Dt. 02/09/2021
97	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition Delay ME 433	Volatile Matter % by mass	JSS-1365 : 47 DC 6210 ME Dt. 02/09/2021
98	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition Delay ME 433	Zirconium % by mass	JSS-1365 : 47 DC 6210 ME Dt. 02/09/2021
99	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 422	Aluminium Powder %	IND/ME/850 (Prov.) DC 3799 ME Dt. 03/02/2004
100	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 422	Nitro Cellulose (Binder) %	IND/ME/850 (Prov.) DC 3799 ME Dt. 03/02/2004
101	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 422	Potassium Perchlorate %	IND/ME/850 (Prov.) DC 3799 ME Dt. 03/02/2004
102	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 422	Volatile Matter %	IND/ME/850 (Prov.) DC 3799 ME Dt. 03/02/2004
103	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 446	Aluminium %	ERDL/PYRO/PS/177
104	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 446	NC content %	ERDL/PYRO/PS/177
105	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 446	Potassium Perchlorate %	ERDL/PYRO/PS/177

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL (CENTRAL LABORATORY), AMMUNITION FACTORY KHADKI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11186 **Page No** 7 of 17

Validity 24/11/2022 to 23/11/2024 **Last Amended on** -

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
106	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 446	Volatile Matter %	ERDL/PYRO/PS/177
107	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 446 (a)	Aluminium %	ERDL/PYRO/PS/204
108	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 446 (a)	NC Content %	ERDL/PYRO/PS/204
109	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 446 (a)	Potassium Perchlorate %	ERDL/PYRO/PS/204
110	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 446 (a)	Volatile Matter % by mass	ERDL/PYRO/PS/204
111	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 456	Lead Peroxide %	ERDL/PYRO/PS/220
112	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 456	N.C (Binder)	ERDL/PYRO/PS/220
113	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 456	Silicon Metal Powder %	ERDL/PYRO/PS/220
114	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 456	Volatile Matter %	ERDL/PYRO/PS/220
115	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 457	N.C (Binder)	ERDL/PYRO/PS/221
116	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 457	Red Lead %	ERDL/PYRO/PS/221
117	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 457	Silicon Metal Powder %	ERDL/PYRO/PS/221
118	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 457	Volatile Matter %	ERDL/PYRO/PS/221
119	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 458	Ferrosilicon (Silicon 85%) %	ERDL/PYRO/PS/222
120	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 458	N.C. Binder %	ERDL/PYRO/PS/222
121	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 458	Red Lead %	ERDL/PYRO/PS/222
122	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition ME 458	Volatile Matter %	ERDL/PYRO/PS/222
123	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition VH2	Barium Nitrate % By Mass	IND/ME/874 (a):2015 DC 5385-ME Dt.21.12.2015
124	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition VH2	Composition RD 1303 %	IND/ME/874(a) :2015 DC 5385 ME Dt. 21.12.2015

SCOPE OF ACCREDITATION

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Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11186 **Page No** 8 of 17

Validity 24/11/2022 to 23/11/2024 **Last Amended on** -

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125	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition VH2	Lead Peroxide %	IND/ME/874(a) :2015 DC 5385 ME Dt. 21.12.2015
126	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Composition VH2	Tetrazene %	IND/ME/874(a) :2015 DC 5385 ME Dt. 21.12.2015
127	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Delay Composition Cu-1	APC 217 / NC Parts over and above	JSS 1365 - 46 DC 6209 ME Dt. 02/09/2021
128	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Delay Composition Cu-1	Red Lead % by mass	JSS 1365 - 46 DC 6209 ME Dt. 02/09/2021
129	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Delay Composition Cu-1	Volatile Matter % by mass	JSS 1365 - 46 DC 6209 ME Dt. 02/09/2021
130	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Delay Composition Cu-1	Zirconium Powder % by mass	JSS 1365 - 46 DC 6209 ME Dt. 02/09/2021
131	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Delay Composition ME 412 (M)	Antimony Sulphide % by mass	JSS-1365 : 48 DC 6211 ME Dt. 02/09/2021
132	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Delay Composition ME 412 (M)	Barium Chromate % by mass	JSS-1365 : 48 DC 6211 ME Dt. 02/09/2021
133	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Delay Composition ME 412 (M)	Parts of NC per 100 parts of main composition	JSS-1365 : 48 DC 6211 ME Dt. 02/09/2021
134	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Delay Composition ME 412 (M)	Potassium Perchlorate % by mass	JSS-1365 : 48 DC 6211 ME Dt. 02/09/2021
135	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Delay Composition ME 412 (M)	Volatile Matter % by mass	JSS-1365 : 48 DC 6211 ME Dt. 02/09/2021
136	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Gun Powder	Acidity Calculated as Sulphuric Acid % by mass	JSS-1376 : 05 Rev. No. 4 DC 6180 ME Dt. 10/07/2021
137	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Gun Powder	Mass of Residue on Flashing	JSS-1376 : 05 Rev. No. 4 DC 6180 ME Dt. 10/07/2021
138	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Gun Powder	Moisture Content % by Mass	JSS-1376 : 05 Rev. No. 4 DC 6180 ME Dt. 10/07/2021
139	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Gun Powder	Potassium Chlorides, KCl % by mass	JSS-1376 : 05 Rev. No. 4 DC 6180 ME Dt. 10/07/2021
140	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Gun Powder	Sulphates calculated as Potassium Sulphate % by mass	JSS-1376 : 05 Rev. No. 4 DC 6180 ME Dt. 10/07/2021
141	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Igniter Composition FFV 840	Barium Peroxide %	IND/ME/1028 DC 6040 ME Dt. 08/06/2017
142	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Igniter Composition FFV 840	Boron %	IND/ME/1028 DC 6040 ME Dt. 08/06/2017
143	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Igniter Composition FFV 840	Magnesium Powder %	IND/ME/1028 DC 6040 ME Dt. 08/06/2017

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL (CENTRAL LABORATORY), AMMUNITION FACTORY KHADKI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11186 **Page No** 9 of 17

Validity 24/11/2022 to 23/11/2024 **Last Amended on** -

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
144	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Igniter Composition FFV 840	VM Content % by mass	IND/ME/1028 DC 6040 ME Dt. 08/06/2017
145	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Igniter Composition FFV 840	Zinc Stearate %	IND/ME/1028 DC 6040 ME Dt. 08/06/2017
146	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition ME-302	Barium Nitrate % By Mass	IND/ME/686 (c) DC NO. 5136-ME Dt.08.06.2013
147	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition A1	Antimony Sulphide % by Mass	IND/ME/348(b) DC NO. 5142-ME Dt.08.06.2013
148	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition A1	Mercury Fulminate % by Mass	IND/ME/348(b) DC NO. 5142-ME Dt.08.06.2013
149	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition A1	Potassium Chlorate % by Mass	IND/ME/348(b) DC NO. 5142-ME Dt.08.06.2013
150	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition C ZECH	Antimony Sulphide %	IND/ME/766(b) DC NO. 5139-ME Dt.08.06.2013
151	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition C ZECH	Barium Nitarte %	IND/ME/766(b) DC NO. 5139-ME Dt.08.06.2013
152	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition C ZECH	Lead Styphnate %	IND/ME/766(b) DC NO. 5139-ME Dt.08.06.2013
153	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition C ZECH	Tetrazene %	IND/ME/766(b) DC NO. 5139-ME Dt.08.06.2013
154	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition F1	Antimony Sulphide % by Mass	IND/ME/599(a) DC NO. 5137-ME Dt.08.06.2013
155	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition F1	Mercury Fulminate % by Mass	IND/ME/599(a) DC NO. 5137-ME Dt.08.06.2013
156	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition F1	Potassium Chlorate % by Mass	IND/ME/599(a) DC NO. 5137-ME Dt.08.06.2013
157	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition FA-956 For Primers	Antimony Sulphide % By Mass	IND/ME/960 DC NO. 5143-ME Dt.08.06.2013
158	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition L-Mixture	Barium Nitrate %	IND/ME/ 1019: 2013 DC 5181 ME Dt.20.01.2014
159	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition L-Mixture	Lead 2:4 dinitro resorcinol i.e. RD 1337 %	IND/ME/ 1019: 2013 DC 5181 ME Dt.20.01.2014
160	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition L-MIXTURE	Tetrazene %	IND/ME/ 1019: 2013 DC 5181 ME Dt.20.01.2014
161	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition ME-302	Lead Peroxide % By Mass	IND/ME/686 (c) DC NO. 5136-ME Dt.08.06.2013
162	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition ME-302	Tetrazene % By Mass	IND/ME/686 (c) DC NO. 5136-ME Dt.08.06.2013

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL (CENTRAL LABORATORY), AMMUNITION FACTORY KHADKI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11186 **Page No** 10 of 17

Validity 24/11/2022 to 23/11/2024 **Last Amended on** -

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
163	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition Mix E1	Mercury Fulminate % by Mass	IND/ME/476(b) DC NO. 5140-ME Dt. 08.06.2013
164	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition No. 232	Antimony Sulphide %	IND/ME/987 DC NO. 5153 - ME Dt.17.07.13
165	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition No. 232	Barium Nitrate	IND/ME/987 DC NO. 5153-ME Dt.17.07.2013
166	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition No. 232	Lead Peroxide %	IND/ME/987 DC NO. 5153 - ME Dt.17.07.13
167	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition No. 232	Lead Styphnate %	IND/ME/987 DC NO. 5153 - ME Dt.17.07.13
168	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition No. 232	Tetrazene %	IND/ME/987 DC NO. 5153-ME Dt. 17.07.2013
169	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition No. 244	Barium Nitrate %	IND/ME/988:2013 DC 5160-ME Dt.25.09.2013
170	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition No. 244	Calcium Silicide %	IND/ME/988:2013 DC 5160-ME Dt.25.09.2013
171	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition No. 244	Lead Styphnate %	IND/ME/988:2013 DC 5160-ME Dt.25.09.2013
172	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition No. FA-956 For Primers	Barium Nitrate % By Mass	IND/ME/960 DC NO. 5143-ME Dt.08.06.2013
173	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition No. FA-956 for Primers	Moisture Content % By Mass	IND/ME/960 DC NO. 5143-ME Dtd.08.06.2013
174	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition No. FA-956 For Primers	P.E.T.N	IND/ME/960 DC NO. 5143-ME Dt.08.06.2013
175	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition No. FA-956 For Primers	Tetrazene	IND/ME/960 DC NO. 5143-ME Dt.08.06.2013
176	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Composition No. ME-302	Lead Styphnate % By Mass	IND/ME/686(c) DC NO. 5136-ME Dt.08.06.2013
177	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Compositions No. FA-956 For Primers	Aluminium Powder	IND/ME/960 DC NO. 5143-ME Dt.08.06.2013
178	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Initiatory Compositions No. FA-956 For Primers	Lead Styphanate % By Mass	IND/ME/960 DC NO. 5143-ME Dt.08.06.2013
179	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Lead Dioxide Grade B	Bulk Density gms/cm3	JSS : 6810 - 48 : 2019 Rev. No. 05 DC 6156 ME Dt. 10/07/2021
180	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Lead Dioxide Grade B	Chlorides as NaCl % by mass	JSS : 6810 - 48 : 2019 Rev. No. 05 DC 6156 ME Dt. 10/07/2021
181	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Lead Dioxide Grade B	Impurities Insoluble in Acid %	JSS : 6810 - 48 : 2019 Rev. No. 05 DC 6156 ME Dt. 10/07/2021

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL (CENTRAL LABORATORY), AMMUNITION FACTORY KHADKI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11186 **Page No** 11 of 17

Validity 24/11/2022 to 23/11/2024 **Last Amended on** -

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
182	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Lead Dioxide Grade B	Matter Soluble in Water % by mass	JSS : 6810 - 48 : 2019 Rev. No. 05 DC 6156 ME Dt. 10/07/2021
183	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Lead Dioxide Grade B	Moisture % by mass	JSS : 6810 - 48 : 2019 Rev. No. 05 DC 6156 ME Dt. 10/07/2021
184	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Lead Dioxide Grade B	pH of Aqueous Extract	JSS : 6810 - 48 : 2019 Rev. No. 05 DC 6156 ME Dt. 10/07/2021
185	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Lead Dioxide Grade B	Purity, Lead Dioxide % by mass	JSS : 6810 - 48 : 2019 Rev. No. 05 DC 6156 ME Dt. 10/07/2021
186	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Lead Dioxide Grade B	Total Lead as Lead Dioxide % by mass	JSS : 6810 - 48 : 2019 Rev. No. 05 DC 6156 ME Dt. 10/07/2021
187	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Magensium Powder	Sieving 212 micrometer IS sieve, %	IS:2307
188	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Magnesium Powder	Apparent Density, g/ml	IS:2307
189	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Magnesium Powder	Chlorides (as NaCl) % by mass	IS:2307
190	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Magnesium Powder	Moisture, % by mass	IS:2307
191	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Magnesium Powder	Other metallic impurities(as Cu), % by mass	IS:2307
192	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Magnesium Powder	Sieving retained on 63 micrometer IS Sieve, % by mass	IS:2307
193	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Magnesium Powder	Sieving, retained on 150 micrometer IS Sieve	IS:2307
194	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Potassium Chlorate Grade-I	Alkaline earth and iron % by mass	IS 708
195	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Potassium Chlorate Grade-I	Chlorides as Cl % by mass	IS 708
196	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Potassium Chlorate Grade-I	Grit	IS 708
197	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Potassium Chlorate Grade-I	Insoluble Matter % by mass	IS 708
198	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Potassium Chlorate Grade-I	Moisture % by mass	IS 708
199	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Potassium Chlorate Grade-I	pH value	IS 708

SCOPE OF ACCREDITATION

Laboratory Name :	QUALITY CONTROL (CENTRAL LABORATORY), AMMUNITION FACTORY KHADKI, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-11186	**Page No**	12 of 17
Validity	24/11/2022 to 23/11/2024	**Last Amended on**	-

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
200	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Potassium Chlorate Grade-I	Potassium Chlorate as KClO3 % by mass	IS 708
201	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Potassium Chlorate Grade-I	Sodium	IS 708
202	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Potassium Chlorate Grade-I	Sulphate (as SO4) % by mass	IS 708
203	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Potassium Perchlorate	Chloride as Potassium Chloride % by mass	JSS : 6810 - 58 Rev. No. 05 DC 6217 ME Dt. 02-09-2021
204	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Potassium Perchlorate	Matter insoluble in water % by mass	JSS : 6810 - 58 Rev. No. 05 DC 6217 ME Dt. 02-09-2021
205	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Potassium Perchlorate	Moisture % by mass	JSS : 6810 - 58 Rev. No. 05 DC 6217 ME Dt. 02-09-2021
206	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Potassium Perchlorate	Potassium Perchlorate content % by mass	JSS : 6810 - 58 Rev. No. 05 DC 6217 ME Dt. 02-09-2021
207	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Potassium Perchlorate	Sieving Requirement % by mass Size 125 micrometer i) retained on 125 micrometer IS Sieve	JSS : 6810 - 58 Rev. No. 05 DC 6217 ME Dt. 02-09-2021
208	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Potassium Perchlorate	Sieving Requirement % by mass Size 212 micrometer i) retained on 212 micrometer IS Sieve	JSS : 6810 - 58 Rev. No. 05 DC 6217 ME Dt. 02-09-2021
209	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Potassium Perchlorate	Sieving Requirement % by mass Size 90 micrometer i) retained on 90 micrometer IS Sieve	JSS : 6810 - 58 Rev. No. 05 DC 6217 ME Dt. 02-09-2021
210	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Potassium Perchlorate	Sulphate as Potassium Sulphate % by mass	JSS : 6810 - 58 Rev. No. 05 DC 6217 ME Dt. 02-09-2021
211	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Primer Composition (ABRIC-50)	Barium Nitrate % By Mass	IND/ME/1029 (PROV) DC NO.5079-ME Dt.08.05.2012
212	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Primer Composition (ABRIC-50)	Ground Glass % By Mass	IND/ME/1029 (PROV) DC NO.5079-ME Dt.08.05.2012
213	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Primer Composition (ABRIC-50)	Lead Monoxide % By Mass	IND/ME/1029 (PROV) DC NO.5079-ME Dt.08.05.2012
214	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Primer Composition (ABRIC-50)	Moisture content % by Mass	IND/ME/1029 (PROV) DC NO.5079-ME Dt.08.05.2012
215	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Primer Composition (ABRIC-50)	Styphnic Acid % By Mass	IND/ME/1029 (PROV) DC NO.5079-ME Dt.08.05.2012
216	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Primer Composition (ABRIC-50)	Tetrazene % By Mass	IND/ME/1029 (PROV) DC NO.5079-ME Dt.08.05.2012

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL (CENTRAL LABORATORY), AMMUNITION FACTORY KHADKI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11186 **Page No** 13 of 17

Validity 24/11/2022 to 23/11/2024 **Last Amended on** -

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
217	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Red Lead	Assay (as Pb3O4) % by Mass	IS:8063
218	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Red Lead	Matter Soluble in Water % by mass	IS:8063
219	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Red Lead	Volatile Matter % by Mass	IS 8063
220	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Smoke Composition R636 for Cartridge 14.5 mm ATA	Magnesium-Aluminium Alloy (Powdered)	IND/ME/1003 DC 6034 ME Dt. 08/06/2017
221	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Smoke Composition R636 for Cartridge 14.5mm ATA	Lead Dioxide % by mass	IND/ME/1003 DC 6034 ME Dt. 08/06/2017
222	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Smoke Composition R636 for Cartridge 14.5mm ATA	Volatile Matter % by mass	IND/ME/1003 DC 6034 ME Dt. 08/06/2017
223	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Strontium Oxalate Monohydrate	Sieving Requirement for above Insoluble Dilute Hydrochloric Acid % by Mass ab) Retained on 63 micrometer IS Sieve	JSS : 6810 - 132 : 2021 Rev. No. 03
224	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Strontium Nitrate	Matter Insoluble in water % by mass - Total	IS : 5671
225	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Strontium Nitrate	Matter insoluble in water % by mass : c) Grit retained on 125 micron IS Sieve	IS : 5671
226	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Strontium Nitrate	Matter insoluble in water ,% by mass : b) Organic	IS : 5671
227	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Strontium Nitrate	Moisture % by mass	IS : 5671
228	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Strontium Nitrate	Water Soluble Chlorides (as NaCl) % by mass	IS : 5671
229	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Strontium Oxalate Monohydrate	Matter Insoluble in Cold Dilute Hydrochloric Acid (1:2) % by Mass	JSS : 6810 - 132 : 2021 Rev. No. 03
230	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Strontium Oxalate Monohydrate	Matter Soluble in Cold Water % by Mass	JSS : 6810 - 132 : 2021 Rev. No. 03
231	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Strontium Oxalate Monohydrate	Moisture % by Mass	JSS : 6810 - 132 : 2021 Rev. No. 03
232	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Strontium Oxalate Monohydrate	Sieving Requirement % by mass (1) Retained on 125 micrometer IS Sieve	JSS : 6810 - 132 : 2021(Rev. No. 03)
233	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Strontium Oxalate Monohydrate	Sieving Requirement % by mass (1) Retained on 150 micrometer IS Sieve	JSS : 6810 - 132 : 2021 Rev. No. 03

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL (CENTRAL LABORATORY), AMMUNITION FACTORY KHADKI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11186 **Page No** 14 of 17

Validity 24/11/2022 to 23/11/2024 **Last Amended on** -

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
234	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Strontium Oxalate Monohydrate	Sieving Requirement for above Insoluble Dilute Hydrochloric Acid % by Mass aa) Retained on 125 micrometer IS Sieve	JSS : 6810 - 132 : 2021 Rev. No. 03
235	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Sulphur Grade I	Ash on incineration % by mass	JSS:6810-103 Rev No 4
236	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Sulphur Grade I	Ash retained on 63 micrometre is sieve	JSS 6810-103 (REV. NO. 04)
237	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Sulphur Grade I	Reaction of aqueous extract, Acidity to Methyl Orange	JSS:6810-103 Rev No 4
238	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Sulphur Grade I	Sieving requirement, retained on 125 micrometer IS sieve	JSS 6810-103(Rev. No. 04)
239	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Sulphur Grade I	Sieving requirement, retained on 250 micrometer IS sieve	JSS 6810-103(Rev No. 04)
240	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Sulphur Grade I	Sieving requirement, retained on 600 micrometer IS sieve	JSS 6810-103 (Rev. No. 04)
241	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Sulphur Grade I	Sieving requirement, retained on 850 micrometer IS sieve	JSS:6810-103 Rev No 4
242	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Sulphur Grade I	Sieving requirement, retained on 90 micrometer IS sieve	JSS 6810-103(Rev. No. 04)
243	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Sulphur Grade I	Sulphur content, % by mass	JSS:6810-103 Rev No 4
244	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Sulphur Grade I	Volatile matter % by mass	JSS:6810-103:Rev No 4
245	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Tracer Composition FFV 840	Glue "XY" % by mass	IND/ME/1028 DC 6040 ME Dt. 08/06/2017
246	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Tracer Composition FFV 840	Magnesium Powder %	IND/ME/1028 DC 6040 ME Dt. 08/06/2017
247	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Tracer Composition FFV 840	Strontium Nitrate %	IND/ME/1028 DC 6040 ME Dt. 08/06/2017
248	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Tracer Composition FFV 840	Strontium Oxalate	IND/ME/1028 DC 6040 ME Dt. 08/06/2017
249	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Tracer Composition FFV 840	Volatile Matter % by mass	IND/ME/1028 DC 6040 ME Dt. 08/06/2017
250	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Zirconium Metal Powder	Bulk Density gms/cm3	HEMRL/HE/PS/200 Rev. No. 1
251	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Zirconium Metal Powder	Colour and description	HEMRL/HE/PS/200 (Rev. 01)

SCOPE OF ACCREDITATION

Laboratory Name : QUALITY CONTROL (CENTRAL LABORATORY), AMMUNITION FACTORY KHADKI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-11186 **Page No** 15 of 17

Validity 24/11/2022 to 23/11/2024 **Last Amended on** -

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
252	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Zirconium Metal Powder	Insoluble Matter % by mass	HEMRL/HE/PS/200 Rev. No. 1
253	CHEMICAL- EXPLOSIVES & PYROTECHNICS	Zirconium Metal Powder	Purity % by Mass	HEMRL/HE/PS/200 Rev. No. 1
254	CHEMICAL- PLASTIC & RESINS	HIGH DENSITY POLYETHYLENE TYPE I	ASH % BY MASS	JSS 9330-03 (REV. NO. 04) DC 6174 ME DT. 10/07/2021
255	CHEMICAL- PLASTIC & RESINS	HIGH DENSITY POLYETHYLENE TYPE I	SOLUBILITY IN ETHYL ACETATE, ACETONE AT 25 +/- 1DEG. CELCIUS	JSS 9330-03 (REV. NO. 04) DC 6174 ME DT. 10/07/2021
256	CHEMICAL- PLASTIC & RESINS	HIGH DENSITY POLYETHYLENE TYPE I	SOLUBILITY IN TOLUENE AT 80 +/- 1 DEG. CELCIUS	JSS 9330-03 (REV. NO. 04) DC 6174 ME DT. 10/07/2021
257	CHEMICAL- PLASTIC & RESINS	HIGH DENSITY POLYETHYLENE TYPE I	WATER SOLUBLE MATTER % BY MASS	JSS 9330-03 (REV. NO. 04) DC 6174 ME DT. 10/07/2021
258	CHEMICAL- PLASTIC & RESINS	HIGH DENSITY POLYETHYLENE TYPE I	WATER SOLUBLE SULPHATES, CALCULATED AS ANHYDROUS SODIUM SULPHATE, % BY MASS	JSS 9330-03 (REV. NO. 04) DC 6174 ME DT. 10/07/2021
259	CHEMICAL- PLASTIC & RESINS	HIGH DENSITY POLYETHYLENE TYPE II	ASH, % BY MASS	JSS 9330-03 (REV. NO. 04) DC 6174 ME DT. 10/07/2021
260	CHEMICAL- PLASTIC & RESINS	HIGH DENSITY POLYETHYLENE TYPE II	SOLUBILITY IN ETHYL ACETATE, ACETONE AT 25 +/- 1 DEG. CELCIUS	JSS 9330-03(REV. NO. 04)DC 6174 ME DT. 10/07/2021
261	CHEMICAL- PLASTIC & RESINS	HIGH DENSITY POLYETHYLENE TYPE II	SOLUBILITY IN TOLUENE AT 80+/- 1DEG. CELCIUS	JSS 9330-03(REV. NO. 04)DC 6174 ME DT. 10/07/2021
262	CHEMICAL- PLASTIC & RESINS	HIGH DENSITY POLYETHYLENE TYPE II	WATER SOLUBLE MATTER, % BY MASS	JSS 9330-03 (REV. NO. 04) DC 6174 ME DT. 10/07/2021
263	CHEMICAL- PLASTIC & RESINS	HIGH DENSITY POLYETHYLENE TYPE II	WATER SOLUBLE SULPHATES CALCULATED AS ANHYDROUS SODIUM SULPHATE, % BY MASS	JSS 9330-03(REV. NO. 04)DC 6174 ME DT. 10/07/2021
264	CHEMICAL- PLASTIC & RESINS	LOW DENSITY POLYETHYLENE TYPE II	ASH, % BY MASS	JSS 9330-03(REV. NO. 04)DC 6174 ME DT. 10/07/2021
265	CHEMICAL- PLASTIC & RESINS	LOW DENSITY POLYETHYLENE TYPE II	SOLUBILITY IN ETHYL ACETATE, ACETONE AT 25 +/- 1 DEG. CELCIUS	JSS 9330-03(REV. NO. 04)DC 6174 ME DT. 10/07/2021
266	CHEMICAL- PLASTIC & RESINS	LOW DENSITY POLYETHYLENE TYPE II	SOLUBILITY IN TOLUENE AT 80 +/- 1 DEG. CELCIUS	JSS 9330-03(REV. NO. 04)DC 6174 ME DT. 10/07/2021
267	CHEMICAL- PLASTIC & RESINS	LOW DENSITY POLYETHYLENE TYPE II	WATER SOLUBLE MATTER, % BY MASS	JSS 9330-03(REV. NO. 04)DC 6174 ME DT. 10/07/2021

SCOPE OF ACCREDITATION

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Certificate Number TC-11186 **Page No** 16 of 17

Validity 24/11/2022 to 23/11/2024 **Last Amended on** -

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268	CHEMICAL- PLASTIC & RESINS	LOW DENSITY POLYETHYLENE TYPE II	WATER SOLUBLE SULPHATES AS ANHYDROUS SODIUM SULPHATE, % BY MASS	JSS 9330-03(REV. NO. 04)DC 6174 ME DT. 10/07/2021
269	CHEMICAL- PLASTIC & RESINS	POLYPROPYLENE COPOLYMER + ANTISTATIC GRANULES	ASH CONTENT, % BY MASS	METHOD 11 OF IS 1060 (PART I) (REAFFIRMED 2016)
270	CHEMICAL- PLASTIC & RESINS	POLYPROPYLENE COPOLYMER + ANTISTATIC GRANULES	EXTRACTABLE MATTER IN TOLUENE AT 25 +/- 1 DEG. CELCIUS, % BY MASS	APP. C OF JSS 9330-03(REV. NO. 04)DC 6174 ME DT. 10/07/2021
271	CHEMICAL- PLASTIC & RESINS	POLYPROPYLENE COPOLYMER + ANTISTATIC GRANULES	SOLUBILITY IN ACETONE AT 25+/- 1 DEG. CELCIUS	APP. D OF JSS 9330-03(REV. NO. 04)DC 6174 ME DT. 10/07/2021
272	CHEMICAL- PLASTIC & RESINS	POLYPROPYLENE COPOLYMER + ANTISTATIC GRANULES	SOLUBILITY IN XYLENE AT 140 +/- 1 DEG. CELCIUS	APP. B OF JSS 9330-03(REV. NO. 04)DC 6174 ME DT. 10/07/2021
273	CHEMICAL- PLASTIC & RESINS	POLYPROPYLENE COPOLYMER + ANTISTATIC GRANULES	WATER SOLUBLE SULPHATES CALCULATED AS ANHYDROUS SODIUM SULPHATE, % BY MASS	METHOD NO. 8 OF JSG 0112 (REV. NO. 03) DC 6245 ME DT. 06/09/2021
274	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water (Treated/Untreated)	5 Day BOD Test at 20 deg C (Respirometric - Manometric Method)	Standard Method No. 5210D of APHA 23rd Edition
275	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water (Treated/Untreated)	Chemical Oxygen Demand (Spectroquant Merck Method)	COD Solution A+B Method No. 1.14538-1.14539 / Analogues to 5220D of APHA 23rd Edition
276	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water (Treated/Untreated)	Copper (Neocuproine Method)	Standard Method No. 3500 Cu B of APHA 23rd Edition
277	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water (Treated/Untreated)	Hexavalent Chromium (Colorimetric Method)	Standard Method No. 3500 Cr B of APHA 23rd Edition
278	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water (Treated/Untreated)	Lead (Spectroquant Merck Method)	Spectroquant Merck Method No. 1.09717 Pb
279	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water (Treated/Untreated)	Oil & Grease (Partition Gravimetric Method)	Standard Method No. 5520 B of APHA 23rd Edition
280	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water (Treated/Untreated)	pH	Standard Method No. 4500 H+ of APHA 23rd Edition
281	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water (Treated/Untreated)	Total Suspended Solids dried at 103 to 105 deg C	Standard Method No. 2540 D of APHA 23rd Edition
282	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water (Treated/Untreated)	Zinc (Spectroquant Merck Method)	Spectroquant Merck Method No. 1.14832.0001

National Accreditation Board for Testing and Calibration Laboratories

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Certificate Number TC-11186 **Page No** 17 of 17

Validity 24/11/2022 to 23/11/2024 **Last Amended on** -

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283	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage Water (Treated/Untreated)	5 day BOD Test at 20 deg C (Respirometric Manometric Method)	Standard Method No. 5210 D of APHA 23rd Edition
284	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage Water (Treated/Untreated)	Total Suspended Solids dried at 103 to 105 deg C	Standard Method No. 2540 D of APHA 23rd Edition