National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : REGIONAL FORENSICS SCIENCE LABORATORY, CENTRAL RANGE, MANDI, HIMACHAL PRADESH, 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	FORENSIC- BIOLOGICAL SCIENCES	Crime exhibits for blood examination	determine the species of origin by Gel-Diffusion Technique	Clause No. 3.6.2, Doc No. RFSL/MND/WPM/BIO&SERO issue no.01
2	FORENSIC- BIOLOGICAL SCIENCES	Crime exhibits for diatoms analysis	Microscopic examination	Clause No. 7.6, Doc No. RFSL/MND/WPM/BIO&SERO issue no.01
3	FORENSIC- BIOLOGICAL SCIENCES	Crime exhibits for saliva examination	detection of saliva by Starch –Iodine Test	Clause No. 6.6, Doc No. RFSL/MND/WPM/BIO&SERO issue no.01
4	FORENSIC- BIOLOGICAL SCIENCES	Crime exhibits for semen examination	Physical examination under UV light	Clause No. 4.6, Doc No. RFSL/MND/WPM/BIO&SERO issue no.01
5	FORENSIC- BIOLOGICAL SCIENCES	Crime exhibits for Blood examination	Blood grouping by Absorption elution method	Clause No. 3.6.3, Doc No. RFSL/MND/WPM/BIO&SERO issue no.01
6	FORENSIC- BIOLOGICAL SCIENCES	Crime exhibits for blood examination	detection of blood by Phenolphthalein Test	Clause No. 3.6.1, Doc No. RFSL/MND/WPM/BIO&SERO issue no.01
7	FORENSIC- BIOLOGICAL SCIENCES	Crime exhibits for blood examination	detection of blood by Tetramethylbenzidine Test	Clause No. 3.6.1, Doc No. RFSL/MND/WPM/BIO&SERO issue no.01
8	FORENSIC- BIOLOGICAL SCIENCES	Crime exhibits for semen examination	detection of semen by Acid Phosphatase Test (Pre-liminary/presumptive test)	Clause No. 4.6, Doc No. RFSL/MND/WPM/BIO&SERO issue no.01
9	FORENSIC- BIOLOGICAL SCIENCES	Crime exhibits for semen examination	detection of semen by Microscopic examinations	Clause No. 4.6, Doc No. RFSL/MND/WPM/BIO & SERO issue no.01
10	FORENSIC- BIOLOGICAL SCIENCES	Crime exhibits for Urine examination	Detection of Urine by Creatinine test	Clause No. 10.6, Doc No. RFSL/MND/WPM/BIO&SERO issue no.01
11	FORENSIC- BIOLOGICAL SCIENCES	Crime exhibits for Urine examination	detection of urine by Urea nitrate crystal test	Clause No. 10.6, Doc No. RFSL/MND/WPM/BIO&SERO issue no.01
12	FORENSIC- BIOLOGICAL SCIENCES	Crime exhibits for Urine examination	Physical tests(UV fluorescence , odor)	Clause No. 10.6, Doc No. RFSL/MND/WPM/BIO&SERO issue no.01
13	FORENSIC- BIOLOGICAL SCIENCES	Crime exhibits- hairs	Identification and comparison by Morphologic and Microscopic examinations	Clause No. 5.6, Doc No. RFSL/MND/WPM/BIO&SERO issue no.01

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14	FORENSIC- BIOLOGICAL SCIENCES	tooth	Identification of tooth by Physical, anatomical & morphological examinations and gel diffusion technique.	Clause No. 11.6, Doc No. RFSL/MND/WPM/BIO&SERO issue no.01
15	FORENSIC- CHEMICAL SCIENCES	Biological and non biological matrices for pesticide analysis	Detection of synthetic Pyrethroids (Fenvalerate, Cypermethrin, Deltamethrin, Alphamethrin, Cyhalothrin) by TLC	TOX-5, Document No. RFSL/MND/WPM/TOX, issue no. 01
16	FORENSIC- CHEMICAL SCIENCES	Blood	detection of Carbon monoxide by Color test-Hoppe Seyler's test	TOX-8 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
17	FORENSIC- CHEMICAL SCIENCES	Crime Case exhibits-Phenolphthalein dye	Phenolphthalein dye detected by Acid-base reaction Color tests	CHEM-3 (Document No. RFSL/MND/WPM/CHEM, issue no. 01)
18	FORENSIC- CHEMICAL SCIENCES	Crime exhibits	Detection of inorganic acid and alkali by acidity and basicity by pH	CHEM-2 and CHEM-5 (Document No. RFSL/MND/WPM/CHEM, issue no. 01
19	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic Anions-sulfide by Sodium Nitroprusside colour test	TOX-14, Clause 14.8.1, Document No. RFSL/MND/WPM/TOX, issue no. 01
20	FORENSIC- CHEMICAL SCIENCES	alkali radicals (Ammonium Ion) in crime exhibits	colour test: Nessler Reagent Test	CHEM-2 and CHEM-5, Document No. RFSL/MND/WPM/CHEM, issue no. 01
21	FORENSIC- CHEMICAL SCIENCES	alkali radicals (Copper Ion) in crime exhibits	Ammomium hydroxide test	CHEM-5, Document No. RFSL/MND/WPM/CHEM, issue no. 01
22	FORENSIC- CHEMICAL SCIENCES	alkali radicals (Iron) in crime exhibits	Potassium ferrocyanide/thiocynate test	CHEM-5, Document No. RFSL/MND/WPM/CHEM, issue no. 01
23	FORENSIC- CHEMICAL SCIENCES	alkali radicals (Potassium Ion) in crime exhibits	Dipicrylamine Test	CHEM-2 and CHEM-5, Document No. RFSL/MND/WPM/CHEM, issue no. 01
24	FORENSIC- CHEMICAL SCIENCES	alkali radicals (Potassium Ion) in crime exhibits	Flame test	CHEM-2 and CHEM-5, Document No. RFSL/MND/WPM/CHEM, issue no. 01

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25	FORENSIC- CHEMICAL SCIENCES	alkali radicals (Sodium Ion) in crime exhibits	Flame test	CHEM-2 and CHEM-5, Document No. RFSL/MND/WPM/CHEM, issue no. 01
26	FORENSIC- CHEMICAL SCIENCES	alkali radicals (Sodium Ion) in crime exhibits	Uranyl Acetate Test	CHEM-2 and CHEM-5, Document No. RFSL/MND/WPM/CHEM, issue no. 01
27	FORENSIC- CHEMICAL SCIENCES	Biological and non biological matrices	Detection of volatile poisons (Ethanol, methanol, Acetone, Isopropanol, Acetaldehyde) by Head space-Gas Chromatography	TOX-6 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
28	FORENSIC- CHEMICAL SCIENCES	Biological and non biological matrices	Phosphine Gas detection by Mercuric bromide test	TOX-1 (Document No. RFSL/MND/WPM/TOX, issue no. 01
29	FORENSIC- CHEMICAL SCIENCES	Biological and non biological matrices	Phosphine Gas detection by Silver nitrate	TOX-1 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
30	FORENSIC- CHEMICAL SCIENCES	Biological and non biological matrices for pesticide analysis	Detection of Organo-Phosphorous Insecticides group by -4-(p-nitrobenzyl)pyridine followed by tetraethylenepentamine Colour test:	TOX-2 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
31	FORENSIC- CHEMICAL SCIENCES	Biological and non biological matrices for pesticides analysis	Detection of Organo-chloro Insecticides (BHC, DDT, Lindane, Aldrin, Endrin, Dieldrin, Heptachlor, Butachlor, Endosulfan, Chlordane) by TLC	TOX-3, Document No. RFSL/MND/WPM/TOX, issue no. 01
32	FORENSIC- CHEMICAL SCIENCES	Biological and non biological matrices for pesticide analysis	Detection of Synthetic Pyrethroids group by Resorcinol Test	TOX-5 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
33	FORENSIC- CHEMICAL SCIENCES	Biological and non biological matrices for pesticides analysis	Detection of Organo-chloro Insecticides group by O-Tolidine Test	TOX-3 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
34	FORENSIC- CHEMICAL SCIENCES	Biological and non biological matrices for pesticides analysis	Detection of Carbamate insecticides (aldicarb, baygon, carbaryl, Ziram, carbufuran, primicarb, thiram, carbosulfan) by TLC	TOX-4, Document No. RFSL/MND/WPM/TOX, issue no. 01
35	FORENSIC- CHEMICAL SCIENCES	Biological and non biological matrices for pesticides analysis	Detection of Carbamate insecticides group by Colour test -Furfural test	TOX-4 (Document No. RFSL/MND/WPM/TOX, issue no. 01

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36	FORENSIC- CHEMICAL SCIENCES	Biological and non biological matrices for pesticides analysis	Detection of Organo-Phosphorous Insecticides (Parathion, Malathion, Diazinon, Dimethoate, Phosphamidon, Metasystox, DDVP, Phorate, Chlorpyrephos, Fenitrothion, Profenofos, Monocrotophos) by TLC	TOX-2, Document No. RFSL/MND/WPM/TOX, issue no. 01
37	FORENSIC- CHEMICAL SCIENCES	Biological and non-biological matrices	Detection of pesticides by Gas Chromatography Mass Spectrometry (GC-MS)	TOX-12 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
38	FORENSIC- CHEMICAL SCIENCES	Blood	Detection of Carbon monoxide by Spectrophotometric examination	TOX-8, Document No. RFSL/MND/WPM/TOX, issue no. 01
39	FORENSIC- CHEMICAL SCIENCES	Blood and urine	Quantitative estimation of Ethanol by Headspace- Gas Chromatography	TOX-6 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
40	FORENSIC- CHEMICAL SCIENCES	Blood, urine and non-biological materials	Detection of acidic/basic/neutral drugs by Gas Chromatography Mass Spectrometry (GC-MS)	TOX-11 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
41	FORENSIC- CHEMICAL SCIENCES	Blood, urine, stomach contents and non-biological materials	Detection of acidic drugs - barbiturates by UV Spectrophotometric	TOX-10 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
42	FORENSIC- CHEMICAL SCIENCES	Blood, urine, stomach contents and non-biological materials	Detection of acidic drugs - barbiturates by Color Test- Dille-Koppanyi Reagent	TOX-10 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
43	FORENSIC- CHEMICAL SCIENCES	Blood, urine, stomach contents and non-biological materials	Detection of acidic drugs - barbiturates by TLC	TOX-10 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
44	FORENSIC- CHEMICAL SCIENCES	Blood, urine, stomach contents and non-biological materials	Detection of basic drugs by TLC	TOX-10, Document No. RFSL/MND/WPM/TOX, issue no. 01
45	FORENSIC- CHEMICAL SCIENCES	Blood, urine, stomach contents and non-biological materials	Detection of Benzodiazepines by sulphuric acid : formalin (4:6) reagent	TOX-10 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
46	FORENSIC- CHEMICAL SCIENCES	Blood, urine, stomach contents and non-biological materials	Detection of cannabinoids by Colour Test- Duquenois-Levine Reagent	TOX-10 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
47	FORENSIC- CHEMICAL SCIENCES	Blood, urine, stomach contents and non-biological materials	Detection of cannabinoids by TLC	TOX-10 (Document No. RFSL/MND/WPM/TOX, issue no. 01)

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48	FORENSIC- CHEMICAL SCIENCES	Blood, urine, stomach contents and non-biological materials	Detection of Cocaine by Cobalt Thiocyanate test	TOX-10 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
49	FORENSIC- CHEMICAL SCIENCES	Blood, urine, stomach contents and non-biological materials	Detection of Opiates and Amphetamine by Marquis Reagent	TOX-10 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
50	FORENSIC- CHEMICAL SCIENCES	Crime case exhibits- Phenolphthalein dye	Detection of Phenolphthalein dye by UV-Vis spectrophotometery	CHEM-3, Document No. RFSL/MND/WPM/CHEM, issue no. 01
51	FORENSIC- CHEMICAL SCIENCES	Crime Case exhibits-Phenolphthalein dye	detection of Phenolphthalein dye by TLC	CHEM-3, Document No. RFSL/MND/WPM/CHEM, issue no. 01
52	FORENSIC- CHEMICAL SCIENCES	Crime exhibits- Fire debris and ignitable liquids	Detection of Gasoline, kerosene, diesel by Thin Layer Chromatography	CHEM-1 and CHEM-4 (Document No. RFSL/MND/WPM/CHEM, issue no. 01)
53	FORENSIC- CHEMICAL SCIENCES	Crime exhibits- Fire debris and ignitable liquids	Detection of Petroleum hydrocarbon/products(Gasoline, kerosene, diesel) by GC-MS	CHEM-1 and CHEM-4, Document No. RFSL/MND/WPM/CHEM, issue no. 01
54	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic Anion- oxalate by Calcium chloride test	TOX-14, Clause 14.8.1, Document No. RFSL/MND/WPM/TOX, issue no. 01
55	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic Anion- thiocyanate by Ferric chloride	TOX-14, Clause 14.8.1, Document No. RFSL/MND/WPM/TOX, issue no. 01
56	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic Anion- acetate by Ferric Chloride test	TOX-14, Clause 14.8.1, Document No. RFSL/MND/WPM/TOX, issue no. 01
57	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic Anion- borate by Turmeric paper test	TOX-14, Clause 14.8.1, Document No. RFSL/MND/WPM/TOX, issue no. 01
58	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic Anion- hypochlorite by Cobalt nitrate test	TOX-14, Clause 14.8.1, Document No. RFSL/MND/WPM/TOX, issue no. 01

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59	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic Anion-chloride, bromide and Iodide by Silver Nitrate test	TOX-14 Clause 14.8.1 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
60	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic Anion-nitrate by Ring Test	TOX-14, Clause 14.8.1, Document No. RFSL/MND/WPM/TOX, issue no. 01
61	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic Anions- Carbonate by Lime water test	TOX-14, Clause 14.8.1, Document No. RFSL/MND/WPM/TOX, issue no. 01
62	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic Anions- nitrite by Potassium iodide test	TOX-14, Clause 14.8.1, Document No. RFSL/MND/WPM/TOX, issue no. 01
63	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic Anions- sulfate, sulphite by barium Chloride test	TOX-14, Clause 14.8.1, Document No. RFSL/MND/WPM/TOX, issue no. 01
64	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic cation- copper by benzoinoxime Colour test	TOX-14, Clause 14.8.2 , Document No. RFSL/MND/WPM/TOX, issue no. 01
65	FORENSIC- CHEMICAL SCIENCES	gastric contents , non biological matrices and scene residue	Inorganic cation- Iron by Sodium hydroxide-NH3 solution Test	TOX-14, Clause 14.8.2 , Document No. RFSL/MND/WPM/TOX, issue no. 01
66	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic cation- Mercury by Diphenylcarbazone Colour test	TOX-14, Clause 14.8.2 , Document No. RFSL/MND/WPM/TOX, issue no. 01
67	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic cation- Zinc by Dithizone Colour test	TOX-14, Clause 14.8.2 , Document No. RFSL/MND/WPM/TOX, issue no. 01
68	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic cation- antimony by Rhodamine B Colour test	TOX-14, Clause 14.8.2 , Document No. RFSL/MND/WPM/TOX, issue no. 01
69	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic cation- Arsenic by silver nitrate Colour test	TOX-14, Clause 14.8.2 , Document No. RFSL/MND/WPM/TOX, issue no. 01

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70	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic cation- lead by Dithizone Colour test	TOX-14, Clause 14.8.2 , Document No. RFSL/MND/WPM/TOX, issue no. 01
71	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic cation- magnesium by Sodium hydroxide-NH3 solution Colour test	TOX-14, Clause 14.8.2 , Document No. RFSL/MND/WPM/TOX, issue no. 01
72	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic cation- potassium by Dipicrylamine Colour Test	TOX-14, Clause 14.8.2 , Document No. RFSL/MND/WPM/TOX, issue no. 01
73	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic cation- sodium by Uranyl Acetate Colour Test	TOX-14, Clause 14.8.2 , Document No. RFSL/MND/WPM/TOX, issue no. 01
74	FORENSIC- CHEMICAL SCIENCES	Gastric contents , non biological matrices and scene residue	Inorganic cation-Aluminum by Alizarin S test	TOX-14 Clause 14.8.2 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
75	FORENSIC- CHEMICAL SCIENCES	Gastric/stomach and its contents and scene remnants	Detection of Sublimating heavy metals (Arsenic, Antimony, Bismuth and Mercury) by Reinsch test	TOX-7 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
76	FORENSIC- CHEMICAL SCIENCES	gold in crime exhibits of gold cheating cases	Colour test: p-dimethyleaminobenazalidene rhodanine	CHEM-5, Document No. RFSL/MND/WPM/CHEM, issue no. 01
77	FORENSIC- CHEMICAL SCIENCES	gold in crime exhibits of gold cheating cases	Gold ion detection by TLC	CHEM-5, Document No. RFSL/MND/WPM/CHEM, issue no. 01
78	FORENSIC- CHEMICAL SCIENCES	gold in crime exhibits of gold cheating cases	Rhodamine B colour test	CHEM-5, Document No. RFSL/MND/WPM/CHEM, issue no. 01
79	FORENSIC- CHEMICAL SCIENCES	Inorganic acid (Hydrochloric acid) in crime exhibits	Chloride Ion by Silver Nitrate Test	CHEM-2 and CHEM-5 (Document No. RFSL/MND/WPM/CHEM, issue no. 01)
80	FORENSIC- CHEMICAL SCIENCES	Inorganic acid (Nitric Acid) in crime exhibits	Colour tests: Nitrate ion by Diphenylamine test	CHEM-2 and CHEM-5, Document No. RFSL/MND/WPM/CHEM, issue no. 01

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81	FORENSIC- CHEMICAL SCIENCES	Inorganic acid (Nitric Acid) in crime exhibits	Colour tests: Nitrate ion Ring Test	CHEM-2 and CHEM-5, Document No. RFSL/MND/WPM/CHEM, issue no. 01
82	FORENSIC- CHEMICAL SCIENCES	Inorganic acid (Sulfuric acid) in crime exhibits	Sulfate Ion by Barium chloride Test	CHEM-2 and CHEM-5, Document No. RFSL/MND/WPM/CHEM, issue no. 01
83	FORENSIC- CHEMICAL SCIENCES	Petroleum products -Gasoline, kerosene, diesel	identification by Density	CHEM-4, Document No. RFSL/MND/WPM/CHEM, issue no. 01
84	FORENSIC- CHEMICAL SCIENCES	Skin tissues	Detection of Snake venom (Four species) by Precipitin method-Gel diffusion method	TOX-9 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
85	FORENSIC- CHEMICAL SCIENCES	Stomach contents, urine, serum and scene residue	Rapid Screening of poisons - salisylates and phenolic group by Trinder's test	TOX-13 (Document No. RFSL/MND/WPM/TOX, issue no. 01)
86	FORENSIC- CHEMICAL SCIENCES	Stomach, urine and scene residue	Rapid Screening of poison-Urea by Nessler's test	TOX-13, Document No. RFSL/MND/WPM/TOX, issue no. 01
87	FORENSIC- CHEMICAL SCIENCES	Stomach, urine, serum and scene residue	Rapid Screening of poisons-Ferrous/Ferric Ion by ferricyanide/ ferrocyanide test	TOX-13, Document No. RFSL/MND/WPM/TOX, issue no. 01
88	FORENSIC- CHEMICAL SCIENCES	Stomach, urine, serum and scene residue	Rapid Screening of poisons (tricholoro compounds-chloral hydrate, , chloroform, chlorbutol, trichloro acetate) by Fujiwara test	TOX-13, Document No. RFSL/MND/WPM/TOX, issue no. 01
89	FORENSIC- CHEMICAL SCIENCES	Stomach, urine, serum and scene residue	Rapid Screening of poisons (oxidizing agents-hypochlorite , bromates, chlorates, dichromates, iodates, nitrates, nitrites and permanganates) by Diphenylamine test	TOX-13, Document No. RFSL/MND/WPM/TOX, issue no. 01
90	FORENSIC- CHEMICAL SCIENCES	Stomach, urine, serum and scene residue	Rapid Screening of poisons (phenothiazines-promazine, chlorpromazine) by FPN test	TOX-13, Document No. RFSL/MND/WPM/TOX, issue no. 01
91	FORENSIC- CHEMICAL SCIENCES	Stomach, urine, serum and scene residue	Rapid Screening of poisons (volatile reducing substances-Alcohols and aldehydes) by potassium dichromate test	TOX-13 (Document No. RFSL/MND/WPM/TOX, issue no. 01)

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92	FORENSIC- CHEMICAL SCIENCES	Stomach, urine, serum and scene residue	Rapid Screening of poisons-cyanide by Prussian blue test	TOX-13, Document No. RFSL/MND/WPM/TOX, issue no. 01
93	FORENSIC- CHEMICAL SCIENCES	Stomach, urine, serum and scene residue	Rapid Screening of poisons-paraquat and diquat by Dithionite test	TOX-13, Document No. RFSL/MND/WPM/TOX, issue no. 01
94	FORENSIC- CHEMICAL SCIENCES	Stomach, urine, serum and scene residue	Rapid Screening of poisons-Imipramine and Desipramine by Forrest reagent test	TOX-13, Document No. RFSL/MND/WPM/TOX, issue no. 01
95	FORENSIC- CHEMICAL SCIENCES	Stomach, urine, serum and scene residue	Screening of Paracetamol by cresol–ammonia test	TOX-13, Document No. RFSL/MND/WPM/TOX, issue no. 01
96	FORENSIC- CHEMICAL SCIENCES	Trap case exhibits	Detection of carbonate ion by Bacl2 test	CHEM-3, Document No. RFSL/MND/WPM/CHEM, issue no. 01
97	FORENSIC- CHEMICAL SCIENCES	Trap case exhibits	Detection of carbonate ion by Effervescence test	CHEM-3, Document No. RFSL/MND/WPM/CHEM, issue no. 01
98	FORENSIC- PHYSICAL SCIENCES	Cement Samples	Fineness test	Section-8.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
99	FORENSIC- PHYSICAL SCIENCES	Broken objects examination	Physical fit, Side by side comparison by Microscope	Section-12.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
100	FORENSIC- PHYSICAL SCIENCES	Bullets/ pellets/Shots/Slugs parts thereof	Physical and microscopic Examination	Section-10.0, Doc No. RFSL/MND/WPM/BALL , issue No.01
101	FORENSIC- PHYSICAL SCIENCES	Cartridge/ Cartridge case/parts thereof examination	Physical and microscopic Examination	Section-8.0, 9.0; Doc No. RFSL/MND/WPM/BALL , issue No.01
102	FORENSIC- PHYSICAL SCIENCES	Cement sample for examination	Gravimetric Test -Quantitative	Section-8.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
103	FORENSIC- PHYSICAL SCIENCES	Cement samples	Ignition test at 950 0c using Muffle Furnace	Section-8.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
104	FORENSIC- PHYSICAL SCIENCES	Comparison of Foot Prints/ Shoe Prints/ Tyre Marks	Measurement of Physical Parameters, Side by side comparison, Superimposition	Section-2.0, Doc No. RFSL/MND/WPM/PHY issue no. 01

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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
105	FORENSIC- PHYSICAL SCIENCES	Concrete examination	Gravimetric Test method for determination of ratio of cement, sand and aggregate in concrete	Section-10.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
106	FORENSIC- PHYSICAL SCIENCES	Crime exhibits for Paint examination	Micro-Chemical solubility Test	Section-4.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
107	FORENSIC- PHYSICAL SCIENCES	Crime exhibits for Paint examination	Microscopic examination	Section-4.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
108	FORENSIC- PHYSICAL SCIENCES	Crime exhibits for Paint examination	Physical appearance and Physical Matching	Section-4.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
109	FORENSIC- PHYSICAL SCIENCES	Crime exhibits for Propellant charge identification	Nitrate and nitrite ion by Griess Test-	Section-11.0, Doc No. RFSL/MND/WPM/BALL , issue No.01
110	FORENSIC- PHYSICAL SCIENCES	Crime exhibits for Propellant charge identification	Detection of Copper by Rubeanic Test	Section-11.0, Doc No. RFSL/MND/WPM/BALL , issue No.01
111	FORENSIC- PHYSICAL SCIENCES	Crime exhibits for Propellant charge identification	Detection of Lead by Sodium rhodizonate test-	Section-11.0, Doc No. RFSL/MND/WPM/BALL , issue No.01
112	FORENSIC- PHYSICAL SCIENCES	Electric wires for short circuiting examination	Physical and Microscopically examination	Section-14.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
113	FORENSIC- PHYSICAL SCIENCES	Examination of Tool marks	Physical and Microscopic examination	Section-3.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
114	FORENSIC- PHYSICAL SCIENCES	Fibers for comparison	Burning Test	Section-11.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
115	FORENSIC- PHYSICAL SCIENCES	Fibers for comparison	Chemical solubility test	Section-11.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
116	FORENSIC- PHYSICAL SCIENCES	Fibers for comparison	Physical matching and Microscopic examination	Section-11.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
117	FORENSIC- PHYSICAL SCIENCES	Firearms/parts thereof/ firearm manufacturing tools	Barrel wash chemical examination by Griess Test- Nitrate and nitrite ion.	Section-2.0, 3.0, 4.0, 5.0, 6.0; Doc No. RFSL/MND/WPM/BALL, issue No.01

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118	FORENSIC- PHYSICAL SCIENCES	Firearms/parts thereof/ firearm manufacturing tools	Physical measurements-size, length diameter etc.	Section-2.0, 3.0, 4.0, 5.0, 6.0; Doc No. RFSL/MND/WPM/BALL, issue No.01
119	FORENSIC- PHYSICAL SCIENCES	Firearms/parts thereof/ firearm manufacturing tools	Physical, component check,	Section-2.0, 3.0, 4.0, 5.0, 6.0; Doc No. RFSL/MND/WPM/BALL, issue No.01
120	FORENSIC- PHYSICAL SCIENCES	Firearms/parts thereof/ firearm manufacturing tools	Test firing examination	Section-2.0, 3.0, 4.0, 5.0, 6.0; Doc No. RFSL/MND/WPM/BALL, issue No.01
121	FORENSIC- PHYSICAL SCIENCES	Linkage of fired bullet/bullet fragment with firearm	Physical and Microscopic Examination	Section-13.0, Doc No. RFSL/MND/WPM/BALL , issue No.01
122	FORENSIC- PHYSICAL SCIENCES	Linkage of fired/misfired cartridge	Physical and Microscopic Examination	Section-12.0, Doc No. RFSL/MND/WPM/BALL , issue No.01
123	FORENSIC- PHYSICAL SCIENCES	Mortar/Plaster examination	Gravimetric Test method for determination of the ratio of cement and sand in mortar by using chemicals treatments (HCl, HNO3, Ammonium hydroxide, ammonium oxalate, Bromine water)	Section-9.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
124	FORENSIC- PHYSICAL SCIENCES	Restoration of obliterated/erased punched marks on metallic surface	Physical and Chemical treatment (Fry's reagent/HNO3) to decipher the obliterated/erased mark	Section-5.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
125	FORENSIC- PHYSICAL SCIENCES	Restoration of erased marking (s) on firearm	Chemical treatment (Fry's reagent) to decipher the obliterated/erased mark	Section-7.0, Doc No. RFSL/MND/WPM/BALL , issue No.01
126	FORENSIC- PHYSICAL SCIENCES	Road Sample	Chemical treatment With Benzene/ Trichloroethylene and separation by Bitumen extractor Machine (centrifugal Machine)	Section-13.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
127	FORENSIC- PHYSICAL SCIENCES	Soil samples for comparison	Density gradient method	Section-7.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
128	FORENSIC- PHYSICAL SCIENCES	Soil samples for comparison	Ignition loss test at 750 0c using Muffle Furnace	Section-7.0, Doc No. RFSL/MND/WPM/PHY issue no. 01

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129	FORENSIC- PHYSICAL SCIENCES	Soil samples for comparison	Micro-chemical examination-Effervescence test (Carbonate ion), Iron (Potassium ferrocyanide test)	Section-7.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
130	FORENSIC- PHYSICAL SCIENCES	Soil samples for comparison	Particle size distribution using sieves of different mesh size	Section-7.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
131	FORENSIC- PHYSICAL SCIENCES	Soil samples for comparison	Physical Appearance and microscopic examination	Section-7.0, Doc No. RFSL/MND/WPM/PHY issue no. 01
132	FORENSIC- PHYSICAL SCIENCES	Voice samples for comparison and identification	Auditory and spectrographic examination	Section-15.0, Doc No. RFSL/MND/WPM/PHY issue no. 01