

Laboratory	IDMA Laboratories Limited, Plot No. 391, Industrial Area, Phase I, Panchkula, Haryana		
Accreditation Standard	ISO/IEC 17025: 2005		
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1.	PLASTICS AND RESINS			
1.	PLASTIC LDPE/HDPE FILMS, SACKS, SHEETS	Carbon Black Content	IS 2530:1963 RA 2008 Amd.3	1-5%
		Carbon Black dispersion	IS 2530:1963 RA 2008 Amd.3	Qualitative
II.	BUILDING MATERIALS			
1.	STEEL FOR CONSTRUCTION & ENGINEERING PURPOSES	Carbon	IS 228 (Pt-1) 1987 RA 1997	0.05-0.3 %
		Phosphorus	IS 228 (Pt-3) 1987 RA 1997	0.005-0.05 %
		Sulphur	IS 228 (Pt-9) 1989 RA 1999	0.005-0.05 %
		Zinc Coating	IS 6745-1972 RA 2001 Amd.4	1-1200g/m ²
2.	CEMENT & OTHER MORTARS	Silica (SiO ₂)	IS 4032: 1985 RA 2005 Amd.1	10-40 %
		Combined ferric oxide and Alumina	IS 4032: 1985 RA 2005 Amd.1	1 - 10 %
		Insoluble residue	IS 4032: 1985 RA 2005 Amd.1	0.2-40 %
		Ferric Oxide (Fe ₂ O ₃)	IS 4032: 1985 RA 2005 Amd.1	1-10 %
		Alumina (Al ₂ O ₃)	IS 4032: 1985 RA 2005 Amd.1	1-10 %
		Calcium Oxide (CaO)	IS 4032: 1985 RA 2005 Amd.1	40-70 %

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		Magnesia (MgO)	IS 4032: 1985 RA 2005 Amd.1	1-10 %
		Loss on Ignition	IS 4032: 1985 RA 2005 Amd.1	0.2-6 %
		Sulphuric anhydride (SO ₃)	IS 4032: 1985 RA 2005 Amd.1	0.2-4%
		Sodium Oxide (Na ₂ O)	IS 4032: 1985 RA 2005 Amd.1	0.02-1%
		Potassium oxide (K ₂ O)	IS 4032: 1985 RA 2005 Amd.1	0.02-1%
		Total Chloride content	IS 12423: 1988	0.2-1%
3.	ADMIXTURE	Chloride	IS: 6925-1973 RA 1999	0.2-1%
		Dry Material content	IS:9103-1999 RA 2004 Amd.1 Ann.-E	5-75%
		Ash content	IS:9103-1999 RA 2004 Amd.1 Ann.-E	5-75%
		Relative Density	IS:9103-1999 RA 2004 Amd.1 Ann.-E	1-1.5 gm/ml
		pH	IS:9103-1999 RA 2004 Amd.1 Ann.-E	4-10

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4.	SOIL	pH	IS:2720 (P-26) RA 2002	0.1-13.9 <u>±</u> 0.1
		Conductivity	IS:14767:2000	0.1 -100m mhos/cm
		Water Holding capacity	USDA : 1954 RA 2010 Page No-39	5-50%
		Moisture	IS:2720 (Pt-22) RA 2001	0-50%
		Organic Matter	IS:2720 (Pt-22) RA 1995	0-50%
		Cation Exchange Capacity	IS:2720 (Pt-24)1976/ RA 2005	1-100 m.eq/100g
		Total Kjeldahl Nitrogen	IS:14684-1999	10-1000mg/kg
		Phosphorus as P	IS:10158-1982	1-1000mg/kg
		Water Soluble Sulphate	IS:2720 (Pt-27)-1977 RA 2001	1-1000mg/kg
		Water Soluble chloride	IS:6925-1973	1-1000mg/kg
		Calcium Carbonate	IS:2720 (Pt-23)-1972 RA 2006	0-10%
III. LEATHER				
1.	LEATHER; SHOES, BOOTS	Volatile Matter	IS:582 (LC-1)-1970 RA 2003 A-1	0.5-30 %
		Moisture	IS:582 (LC-2)-1970 RA 2003 A-1	0.5-20%

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		Total Ash	IS:582 (LC-3)-1970 RA 2003 A-1	0.5-20%
		Solvent Extractable Substances	IS:582 (LC-4)-1970 RA 2003 A-1	0.5-15%
		Determination of Hide Substance	IS:582 (LC-5)-1970 RA 2003 A-1	1-40% 40-80 %
		Water Soluble Matter	IS:582 (LC-6)-1970 RA 2003 A-1	0.5-30%
		Sulphated Ash of Water Soluble	IS:582 (LC-7)-1970 RA -2003 A-1	
		Water Insoluble Ash	IS:582 (LC-8)-1970 RA 2003 A-1	0.5-30%
		Water Soluble Organic Substance	IS:582 (LC-9)-1970 RA 2003 A-1	0.1-25%
		Chromium Content as Cr ₂ O ₃	IS:582 (LC-10)-1970r RA 2003 A-1	0.1-6%
		pH & Difference Figure of Water Soluble Matter	IS:582 (LC-18)-1970 RA 2003 A-1	1-14
		Determination of Bound Organic Substances and Degree of Tannage	IS:582 (LC-21)-1970 RA 2003 A-1	0.1-25 %

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IV. PESTICIDES				
1.	SYNTHETIC PESTICIDES & THEIR FORMULATIONS	Aluminum Phosphine Content	Appendix-A of IS:6438-1980 RA 2004 Amd.3	40-60%
		Carbofuran Granules- Content	Appendix-A of IS:9360-1980 RA 2002 Amd.3	3-10%
		Carbendazim Content	Appendix-A of IS:8446-1991 RA 2002 Amd.2	40-60%
		Carbendazim Technical Content	Appendix-A of IS:8445-1991 RA 2002 Amd.1	99.5
		Copper Oxychloride - Copper Content	Appendix-A of IS:1506-1977 RA 2002 Amd-1	1-100%
		Endosulphan content	Appendix-A of IS:4344-1978 RA 2002 Amd.1	99.5%
		Endosulphan EC	Appendix-A of IS:4344-1978 RA 2002 Amd.1	30-45%
		Mancozeb content	Appendix-A of IS:8707-1978 RA 2002 Amd.1	60-80%
		Malathion- Content	Appendix-A of IS:1832-1978 RA 2002 2002 Amd.2	40-60%
		Phorate G Encapsulated Content	Annex-C of IS 9359-1995 RA 2001	5-15%

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		Encapsulation a) Attrition Test b) Water Run-off Test	Annex-A & C of IS:9359-1995 RA 2001 Annex-B & C of IS:9359-1995 RA 2001	2-100%
		Determination of evolution of Phosphine gas	Appendix-A of IS:6438-1980 RA 2004 Amd.3	
		pH of 1% aqueous dispersion	Appendix A of IS:1507-1977 RA 2002Amm 01	0.1-13.9
		Acidity as H ₂ SO ₄ or Alkalinity (as Na ₂ CO ₃)	Appendix-A of IS:1506-1977 RA 2002	0.1-3%
		Zinc content of Mancozeb content	Appendix-B of IS:8707-1978 RA 2002 Amd.1	1.5-5 %
		Manganese content of Mancozeb Content	Appendix-C of IS:8707-1978 RA 2002 Amd.1	17-25%
		Moisture content	IS 6940:1982-RA2002 Amd. 2 clause-4	0.2-1.0%
		Cold Test	IS 6940:1982-RA2002 Amd. 2 clause-13.1	NA

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		Flash Point (Abel)	IS 1448-P 20 1998	10-80°C
		Emulsion Stability	IS 6940 : 1982 RA 2012 Amd. 2	NA
		Material insoluble in Acetone	IS 6940:1982 RA 2002 Amd.2 Cl. No.9	0.2-1%
		Water content	IS 6940:1982 RA 2002 Amd.2	0.2-1%`
		Melting point	IS 6940:1982 RA 2002 Amd.2	10-80° C
		Test for sieving requirements for Particle size or dust (45 µ, 75 µ, 425 µ and 1204 µ)	IS 6940:1982 RA 2002 Amd.2	2-100 %
		Suspensibility	IS 6940:1982 RA 2002 2002 Amd.2	70-90%
		Wettability	IS 6940:1982 RA 2002 2002 Amd.2	NA
		Chloropyriphos E.C. Content	Appendix-A2 IS: 8963-2006 RA 2010	10-30 %
		Chloropyriphos Tech Content	Appendix-A2 IS: 8963-2006 RA 2010	1-100%

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		Deltamethrin, Technical	IS:12005-1987 RA 2012 Amdt-3	1-100%
		Deltamethrin, EC	IS:11996-1987 RA 2012 Amdt-2	1-10%
		Deltamethrin, WP	IS:13457-1992 RA 2012 Amdt-2	1-10%
V. POLLUTION & ENVIRONMENT				
1.	SEWAGE; EFFLUENTS, WASTEWATER	Biochemical Oxygen Demand (BOD)	IS: 3025 (Pt-44)-1993 RA 1999 Amnd.1 BOD 3-days at 27 °C	5-10000 mg/L
		Boron	IS: 3025 : Part 57 : 2005 Carmine Method	0.01-5 mg/L
		Chemical Oxygen Demand (COD)	IS: 3025 : Part 58 : 2006	5-10000 mg/L
		Chloride as Cl	IS: 3025 (Pt-32) 1988 R1999 Argentometric Method	5-600 mg/L
		Chlorine (Residual)	IS:3025 (Pt-26) 1986 RA 1998 Iodometric Method	0.1-10mg/L
		Chromium (Hexavalent)	IS 3025 (Pt-52) 2003	0.05- 2 mg/L
		Chromium (Total) as Cr	IS 3025 (Pt-52) 2003 AAS Method	0.05-10 mg/L
		Colour	IS 3025 (Pt-4) 1983 RA 2002	Hazen Units

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		Cadmium	IS3025 (Pt-41) 1992 R1998 APHA 22 nd Ed 3030-H	0.01-3 mg/l
		Conductivity	IS 3025 (Pt-14) 1984 R2002	0.1-1000 µmho/cm 1-100 mmho/cm
		Copper as Cu	IS 3025 (Pt-42) 1992 R1998 APHA 22 nd Ed 3030-H	0.05-5 mg/L
		Cyanide CN	IS 3025 (Pt-27) 1986 R1998 Amnd.1 Total Cyanide after Distillation: Electrode Method	0.05-10 mg/L
		Dissolved Oxygen (DO)	IS 3025 (Pt-38) 1989 RA1999 Winkler Method with Azide Modification	1-10 mg/L
		Fluoride as F	APHA (22 nd Ed) 4500 D SPADNS Method	0.1-20 mg/L
		Iron as Fe	APHA (22 nd Ed) 3500 B or IS 3025 : Part 53 : 2003 Phenanthroline Method IS 3025 : Part 53 : 2003 or APHA 22 nd Ed 311B/C AAS Method	0.1-100 mg/L
		Lead as Pb	IS 3025 (Pt-47)1992 RA 1999 Amnd.2 APHA 22 nd Ed 3030-H	0.1-10 mg/L

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		Manganese as Mn	IS 3025 (Pt- 59) 2006 or APHA (22 nd Ed) 3111B/C Direct/Extract A-Ac Flame AAS Method	0.2-5 mg/L
		Oil & Grease	IS 3025 (Pt-39) 1991 RA1996 Partition Gravimetric Soxhlet Extraction Method	0.1-1000 mg/L
		Nickel as Ni	IS 3025 : Pt- 54 : 2003 APHA 22 nd Ed 3030-H	0.02-3 mg/L
		Nitrogen (Free Ammonia as NH ₃ / as N)	IS 3025 (Pt-34) 1988 R1999 Nesslerization Method Ammonia Selective Electrode Method	0.2-10 mg/L 1-40 mg/L
		Nitrogen (Nitrate) NO ₃	IS 3025 (Pt-34) 1988 RA 1999 Chromotropic Acid Method	1-100 mg/L
		Nitrogen (Nitrite) NO ₂	IS 3025 (Pt-34) 1988 RA 1999 Spectrophotometric Method	0.2-10 mg/L
		Total Kjeldahl Nitrogen as N	APHA 22 nd Ed 4500B	2-150 mg/L
		Odour	IS3025 (Pt-5)1983 RA 2002	Un-objectionable/ objectionable

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		pH Value	IS 3025 (Pt-11) 1983 RA 2002	0.1-13.9
		Phenolic Compounds as C ₆ H ₅ OH	IS3025 (Pt-43) 1992 RA 1998 Amnd.2 4-Aminoantipyrine Method	0.001-10 mg/L
		Phosphorus	IS:3025 (Pt-31) 1998 RA 1999 Stannous Chloride Method	0.2-100 mg/L
		Solids (Total, Dissolved & Suspended)	IS 3025 (Pt-15) 1984 RA 1998 Amnd.1 IS 3025 (Pt-16) 1984 RA 2002 Amnd.1 IS 3025 (Pt-17) 1984 RA 2002 Amnd.1	10-10000 mg/L Precision: 5%
		Solids (Fixed and Volatile)	IS 3025 (Pt-18)1984 RA 2002 Amnd.1	10-1000 mg/L
		Sulphate as SO ₄	IS 3025 (Pt-24) 1986 RA 1998 Gravimetric method Turbidity Method	10-1000mg/L 1-40 mg/L
		Sulphide as S	IS 3025 (Pt-29) 1986 RA1998 Methylene Blue Method	0.1-20 mg/L
		Temperature	IS 3025 (Pt-9) 1984 RA 2002	1-100°C

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		Turbidity	IS 3025 (Pt-10)1984 RA 2002 Nephelometric Method	1-100NTU
		Sodium	IS:3025 (Pg 45)-1993 RA 2009	1-100 mg/l
		Potassium	IS:3025 (Pg 45)-1993 RA 2009	1-100 mg/l
		Chromium (Total) as Cr	IS 3025 (Pt-52) 2003 APHA 22 nd Ed 3030-H	0.05-10 mg/L
		Cadmium	IS 3025 (Pt-41) 1992 RA 1998 or APHA 22 nd Ed 3030-H	0.01-3 mg/L
		Copper as Cu	IS 3025 (Pt-42) 1992 RA 1992 A-Ac Flame APHA (22 nd Ed) 3030-H	0.05-5mg/L
		Zinc as Zn	IS 3025 (Pt-49) 1994 RA 1999 Amnd.1 APHA 22 nd Ed 3030-H	0.1-10mg/L
VI. WATER				
1.	POTABLE AND DOMESTIC WATER SWIMMING POOL ICE MANUFACTURE; FEED WATER; WATER FOR	Acidity	IS 3025 (Pt-22) 1986 RA 1998	0.5-500 mg/L
		Alkalinity as HCO ₃	IS 3025 (Pt-23) 1986 RA 1998 Amnd.1	0.5-500 mg/L
		Boron	IS 3025 : Part 57 : 2005 Carmin Method	1-5 mg/L

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	CONSTRUCTION PURPOSE SURFACE OR WELL WATER	Calcium as Ca	IS 3025 (Pt-40) 1991 RA 1998 EDTA Method	2-600 mg/L
		Carbonate & Bicarbonate as CaCO ₃	IS 3025 (Pt-51) 2001	2-500 mg/L
		Chloride as Cl	IS 3025 (Pt-32) 1988 RA 1999 Argentometric Method	1-1000 mg/L
		Chlorine (Residual)	IS:3025 (Pt -26) 1986 RA 1998 Iodometric Method	0.2-4 mg/L
		Chromium (Hexavalent)	IS 3025 (Pt-52) 2003	0.05- 2 mg/L
		Colour	IS 3025 (Pt-4) 1983 RA 2002 Platinum Cobalt Method	≥ or ≤ 5 HU ≥ or ≤ 10 HU ≥ or ≤ 25 HU
		Colour Retention of KmnO ₄ (Oxidizable Matter)	IS:1070-1992 Annexure-A APHA 22 nd Ed 3030-H	Qualitative
		Cadmium	IS 3025 (Pt-41) 1992 APHA 22 nd Ed 3030-H	0.01-3 mg/l
		Conductivity	APHA-22 nd Ed or IS 3025 (Pt-14) 1984 R2002	0.1-1000 μmho/cm 1-100 mm ho/cm
		Copper as Cu	IS 3025 (Pt-42) 1992 RA1998 APHA 22 nd Ed 3030-H	0.05-5 mg/L

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		Cyanide CN	IS 3025 (Pt-27) 1986 R1998 Amnd.1 Total Cyanide after Distillation: Electrode Method	0.05-10 mg/L
		Dissolved Oxygen (DO)	APHA-22nd Ed.4500C or IS 3025 (P-38) 1989 R-1999- Winkler Method with Azide Modification	1-10 mg/L
		Fluoride as F	APHA (22 nd Ed) 4500 D SPADNS Method	0.1-2 mg/L
		Hardness Total (as CaCO ₃)	IS 3025 (Pt-21)1983 RA 2002 Amnd.1 EDTA Method	10-10000 mg/L
		Hydrazine (N ₂ H ₄)	IS: 3550-1965 RA 2003 Amnd.2	0.05-5 mg/L
		Iron as Fe	IS 3025 : Part 53 : 2003 Phenanthroline Method IS 3025:Part 53 : 2003 APHA 22 nd Ed 3030-H	0.1-100 mg/L
		Lead as Pb	IS 3025 (Pt-47)1992 RA1999 Amnd.2 APHA (22 nd Ed) 3030-H	0.05-10 mg/L
		Magnesium as Mg	IS 3025 (Pt-46) 1994 RA1999 Amnd.2 EDTA Method Calculation Method	2-600mg/L

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		Manganese as Mn	IS 3025 (Pt- 59) 2006 or APHA (22 nd Ed) 3111B/C APHA (22 nd Ed) 3030-H	0.2-5 mg/L
		Oxygen absorbed in 4 hours at 27 Deg.C	IS:3025 (Pt-51)-1964	0.5-2
		Oil & Grease	IS 3025 (Pt-39) 1991 RA1996 - Partition Gravimetric/ Soxhlet Extraction Method	0.1-100 mg/L
		Nickel as Ni	IS 3025 : Part 54 : 2003 APHA 22 nd Ed 3030-H	0.02-3 mg/L
		Nitrogen (Nitrate) NO ₃	IS 3025 (Pt-34) 1988 R1999 Chromotropic Acid Method	1-50 mg/L
		Odour	IS3025 (Pt-5)1983 RA 2002	Un-objectionable/ objectionable
		pH Value	IS 3025 (Pt-11) 1983 RA 2002	0.1-13.9 ±0.1
		Phenolic Compounds as C ₆ H ₅ OH	IS3025 (Pt-43) 1992 RA 1998 Amnd.2 4-Aminoantipyrine Method	0.001-2 mg/L
		Silica (Total or molybdate reactive silica)	IS3025 (Pt-35) 1988 R1999 Gravimetric Method-Total Molybdosilicate Method Heteropoly Blue Method	1-25 mg/L 0.5-25 mg/L 0.01-5 mg/L

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		Solids (Total, Dissolved & Suspended)	IS 3025 (Pt-15) 1984 RA 1998 Amnd.1 IS 3025 (Pt-16) 1984 RA 2002 Amnd.1 IS 3025 (Pt-17) 1984 RA 2002 Amnd.1	10-10000 mg/L
		Solids (Fixed and Volatile)	IS 3025 (Pt-18) 1984 RA 2002 Amnd.1	10-1000 mg/L
		Sulphate as SO ₄	IS 3025 (Pt-24) 1986 RA 1998 Turbidity Method	1-40 mg/l
		Surfactants (Anionic as MBAS)	Annexure K IS 13428:2005 Amnd.1 Or APHA 22 nd Ed 5540C	0.05-3 mg/L
		Temperature	IS 3025 (Pt-9) 1984 RA 2002	1-100°C
		Sodium	IS:3025 (pg 45)-1993 RA 2009	1-100 mg/l
		Potassium	IS:3025 (pg 45)-1993 RA 2009	1-100 mg/l
		Turbidity	IS 3025 (P-10) 1984 RA 2002 Nephelometric Method:	0.5-10 NTU
		Zinc as Zn	IS 3025 (Pt-49) 1994 RA 1999 Amnd.1 Direct/Extract A-Ac Flame AAS Method	0.1-10mg/L

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VII.	AIR, GASES & ATMOSPHERE			
1.	AMBIENT AIR MONITORING*	PM-10	IS:5182(Pt-23) 2006	0.5-1000µg/m3
		SO ₂	IS:5182 (Pt-II)/RA 2006	0.4-1050 µg/m3
		NO _x	IS:5182 (Pt-VI)/RA 2006	2-1000 µg/m3
		CS ₂	IS:5182 (Pt-XX)/RA 2009	500-2500 µg/m3
		Chlorine	IS:5182 (Pt-XIX)/RA 2009	0.5-1000 µg/m3
		NH ₃	APHA 402Ed-2- Pg. No. 514 Ref 801	2-50 µg/m3
		H ₂ S	IS:5182(Pt-VII)/RA-2009	5-1000 µg/m3
		Fluoride	IS:5182(Pt-XIII)/RA-2009	0.5-1000 µg/m3
		Trace metal in PM	Lab SOP no ILE/29 based on CPCB guidelines	0.1-5000 µg/m3
2.	STACK EMISSION MONITORING *	PM	IS:11255 (Pt-I)R: 2009	1-5000mg/Nm
		CO	IS:13270/RA 2009	0.1-50%
		NO _x	IS:11255(Pt-7)/ RA 2009	2-1000mg/Nm3
		SO ₂	IS:11255 (Pt-II/RA 2003)	3.4-80000mg/Nm3

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Discipline	Chemical Testing	Issue Date	25.05.2014
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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
3.	FUGITIVE EMISSIONS MONITORING	H ₂ S	IS:11255 (Pt-IV) RA 2006	0.5-100mg/Nm ³
		CS ₂	IS:11255 (Pt-IV) RA 2006	0.5-100mg/Nm ³
		NH ₃	APHA 402 Ed-2/Pg. No.514 IS:11255(Pt-6) RA 2009	2-50 µg/Nm ³
		Fluoride	IS:5182(Pt-III)/RA-2009	0.5-10mg/Nm ³
		SPM	IS:5182(Pt-1) RA 1999	0.5-1000µg/m ³
		SO ₂	IS:5182 (Pt-II)/RA 2006	0.4-1050 µg/m ³
		NO _x	IS:5182 (Pt-VI)/RA 2006	2-1000 µg/m ³
		CS ₂	IS:5182 (Pt-XX)/RA 2009	500-2500 µg/m ³
		Chlorine	IS:5182 (Pt-XIX)/RA 2009	0.5-1000 µg/m ³
		NH ₃	APHA402Ed-2- Pg. No.514 Ref 801	2-50 µg/m ³
		H ₂ S	IS:5182(Pt-VII)/RA 2009	5-1000 µg/m ³
		Fluoride	IS:5182(Pt-XIII)/RA 2009	0.5-1000 µg/m ³

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4.	NOISE LEVEL*	Noise	IS:7194-1994 RA 2005	34-134 db
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VIII. TEXTILES & TEXTILES AUXILIARIES

1.	TEXTILE, FABRIC, YARN, LACES	Moisture Content	IS 199:1989 RA 1994	Upto 100%
		Total Size or Finish	IS 199:1989 RA 1994	Upto 15%
		Ash Content	IS 199:1989 RA 2005	0.5-25 %
		Fatty matter	IS 199:1989 RA 2005	0.5-20%
		Identification of fibers	IS 667:1981 RA 003	Qualitative
		Quantitative analysis of mixture	IS 2006:1988 (Wool + Others)	1-100%
		Colour fastness to washing Test I	IS/ISO 105 C 10:2006	Grade 1 - 5 (Qualitative)
		Test II	IS/ISO 105 C 10:2006	Grade 1- 5 (Qualitative)
		Test III	IS/ISO 105 C 10:2006	Grade 1- 5 (Qualitative)
		Test IV	IS/ISO 105 C 10:2006	Grade 1 - 5 (Qualitative)

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S.No.	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing / Limits of Detection
		Test V	IS/ISO 105 C 10:2006	Grade 1 - 5 (Qualitative)
		Colour fastness to Rubbing/ Crocking	IS 766:1988 RA 2004	Grade 1 - 5 (Qualitative)
		Colour fastness to perspiration	IS 971:1983 RA 2004 Amd.1	Grade 1- 5 (Qualitative)
		pH of aqueous extract	IS 1390:1983 RA 2004	1- 14
		Dimensional changes	IS 2977:1989 RA 2005 Amd.1	Upto $\pm$ 50%
		Relaxation Shrinkage	IS 665:1989 RA 2005	$\pm$ 1-10 %
		Scouring Loss	IS 1383:1977 RA2004 IS 894:1980 RA 2003 Appendix-A	Upto 20%
		Ether Soluble Matter in Textile Materials	IS 4390:2001	0.5 - 20%
		Wool Content	IS 8476:1977 RA 1999 Amd.1	1 - 100 %
		Wettability	IS 2349:1963 RA 2004 Amd.1	1 - 50 seconds
		Water Soluble Matter	IS 3456:1996 RA 2005	0.5- 5 %

-X-X-X-X-X-X-X-X-X-X-X-X-

Note:* Also applicable for site Testing