


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 Accredited to ISO/IEC 17025:2005	Hampshire Scientific Service	
	Issue No: 030 Issue date: 10 June 2011	
	Hyde Park Road Southsea Hampshire PO5 4LL	Contact: Linda French Tel: +44 (0)239 282 9501 Fax: +44 (0)239 281 8347 E-Mail: linda.french@hants.gov.uk Website: www.hants.gov.uk/regulatory/

Testing performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address Hyde Park Road Southsea Hampshire PO5 4LL	Local contact Arran Cobley (Asbestos) Shayne Dyer (Chemical Analysis) Lynette Welsh (Microbiology) Ian Jerrum (Toy Safety) Tel: +44 (0)239 282 9501 Fax: +44 (0)239 281 8347 Email Shayne.Dyer@hants.gov.uk	Health and Hygiene (Asbestos) Chemical Testing Microbiological Testing Toy Safety Tests A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Premises including domestic, commercial and industrial	Arran Cobley (Asbestos)	Health and Hygiene (Asbestos) Sampling for Microbiological Testing B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
ASBESTOS FIBRES IN AIR	<u>Health and Hygiene</u>	Health and Safety Executive Asbestos: The analysts' guide for sampling, analysis and clearance procedures (HSG 248)	
	Fibre counting	HSG 248:February 2005 (Documented In-House Procedure)	A, B
	Sampling of air for fibre counting	HSG 248:February 2005 (Documented In-House Procedure)	B
ASBESTOS IN BULK MATERIALS including materials and products suspected of containing asbestos	4 Stage Clearance Process	HSG 248:February 2005 (Documented In-House Procedure)	B
	Identification of: Amosite Chrysotile Crocidolite Fibrous Actinolite Fibrous Anthophyllite Fibrous Tremolite	HSG 248:February 2005 by Documented In-House Procedure 31.104 using stereo-microscopy, polarised light microscopy and dispersion staining	A
AIRBORNE ATMOSPHERIC POLLUTANTS	Sampling of bulk materials for asbestos identification	Documented In-House Method No 31.060	B
CERAMIC WARE GLASSWARE GLASS CERAMIC WARE VITREOUS ENAMEL WARE	Sampling for microbiological tests	Documented In-House Method No 76.021	B
	Cadmium and lead	Method No 75.006 based on BS 6748:1986 using ICP-OES	A



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FOOD BEVERAGES - ALCOHOLIC	<u>Chemical Tests</u> Alcohol	Documented In-House Methods: (1) Method No 05.101 using specific gravity and obscuration (2) Method No 05.106 using GC/FID (3) Method No 05.109 using distillation followed by specific gravity	A
	Congeners: Ethyl acetate Methanol 2 Methyl Propan-1-ol 2 Methyl Butan-1-ol 3 Methyl Butan-1-ol Propan-1-ol Acetaldehyde	Method No 55.009 using (GC/FID)	A
Spirits and Alcoholic Beverages up to 60 %v/v	Ethanol	Method 05.111 using GC - FID detector	
	Preservatives: Benzoic Acid	Method No 75.003 using HPLC/UV detection	A
	Sorbic Acid	Method No 75.003 using HPLC/UV detection	A
	Sulphur Dioxide	(1) Method No 50.651 using the Shipton Method (2) Method No 50.650 (Qualitative) the Parkes Method	A
	Sugars: Fructose Glucose Sucrose	Method No 75.005 using HPAE/PAD	A
Alcoholic Beverages, Baby Food, Raw and Roasted Coffee and Cocoa, Fresh and Frozen Fruit	Ochratoxin A	Method No 02.191 using Immuno-affinity clean-up and HPLC/fluorescence detection	A



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FOOD (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods:	
BEVERAGES - NON-ALCOHOLIC			
Coffee	Caffeine	Method No 02.205 using HPLC/UV detection	A
Tea	Water extract	Method No 25.045 based on BS 6049:Part 3:1981(1985) using Gravimetry	A
BAKERY AND BAKERY PRODUCTS	Dietary fibre	Method No 10.052 based on Englyst Fiberzym Colorimetric Kit	A
	Moisture	Method No 25.075 using Gravimetry	A
	Propionic acid	Method No 50.505 using GC/FID	A
CEREAL AND CEREAL PRODUCTS	Deoxynivalenol	Method No 75.047 using immunoaffinity column clean-up and HPLC-UV)	A
	Zearalenone	Method No 75.046 using immunoaffinity column clean-up and HPLC-fluorescence	A
MAIZE CEREALS	Total Aflatoxins: Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2	Method No 75.044 using HPLC/fluorescence	A
CONFECTIONERY AND HIGH SUGAR CONTENT PRODUCTS			
Cocoa and Chocolate products	Butterfat	Method No 09.010 using GC/FID	A
	Theobromine	Method No 02.210 using HPLC/UV	A
	Fatty acid profile	Method No 09.099 using GC/FID	A



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FOOD (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods:	
CONFECTIONERY AND HIGH SUGAR CONTENT PRODUCTS	Sugars: Fructose Glucose Lactose Sucrose	Method No 75.005 using HPAE/PAD	A
	Free fat	Method No 09.040 using CEM Fat Analyser	A
DAIRY PRODUCTS	Butterfat in fat	Method No 09.010 using GC/FID	A
	Fat	Method No 09.025 using Werner Schmidt and Method No 09.020 based on BS 2472:1966(1986) and BS 2472:Part 3:1989	A
	Fatty acid profile	Method No 09.099 using GC/FID	A
	Salt content	Method No 10.502 based on BS 5086:Part 4:1985/ BS 5086:Part 5:1984(1989)	A
	Water	Method No 25.067 based on BS 5086:	A
	Solids-not-fat	Method No 25.049 Part 2: 1984	
	Fat	Method No 09.034 (1989)	
FISH AND FISH PRODUCTS	Ash	Method No 25.036 using gravimetry Method No 25.030 using gravimetry	A
	Histamine	Method No 20.407 using HPLC/UV	A
	Mercury	Method No 75.050 using acid digestion followed by ICPMS Method No 17.403 using cold vapour AAS	A



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FOOD (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods:	
FISH AND FISH PRODUCTS (cont'd)	Moisture	(1) Method No 25.078 based on BS 4401:Part 3:1970(1986) (2) Method No 25.064 (CEM)	A
	Nitrogen	(1) Method No 20.142 based on BS 4401:Part 2:1980(1985) (2) Method No 20.135 using DUMAS	A
	Fish Speciation	Method No 10.084 using the Agilent 2100 Bioanalyser and incorporating method 05.184 DNA extraction (CTAB)	A
	Soya	Method No 10.193 using ELISA (Tepnel kit)	A
	Species Identification	APA VEMS methods documented as: Method No 10.083 using Iso-electric focusing	A
	Total volatile bases	Method Nos 01.050/01.051 using Distillation	A
Frozen Prawns and Shrimps	Determination of ice glaze content	Method No 25.141 using Gravimetry	A
FLOUR	Total fat	Method No 09.038 using Werner Schmidt	A
	Moisture	Method No 25.074 using Gravimetry	A
	Calcium carbonate	Method No 11.898 using the Chittick method	A
Self-raising Flour	Available carbon dioxide	Method No 03.028 based on Bread and Flour Regulations 1984 using the Chittick method	A



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FOOD (cont'd) FRUIT PRODUCTS and PROCESSED FRUIT Fruit Products	<u>Chemical Tests</u> (cont'd) Dry soluble residue (soluble solids)	Documented In-House Methods: Method No 25.080 Documented In-House Methods based on EEC Commission Regulation No 543/86	A
	Sugars: Fructose Glucose Lactose Sucrose	Method No 75.005 using HPAE/PAD	A
HONEY and HONEY PRODUCTS	Acidity	Method No 01.018 using Potentiometric titration	A
	Ash	Method No 25.026 using Gravimetry	A
	Hydroxymethylfurfural	(1) Method No 05.235 (HPLC) (2) Method No 05.236 (based on 74/409/EEC)	A
	Moisture	Method No 25.076 using Refractometry	A
	Sugars: Fructose Glucose Lactose Sucrose	Method No 75.005 using HPAE/PAD	A
	Water insoluble solids	Method No 25.086 using Gravimetry	A



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FOOD (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods:	
MATERIALS AND ARTICLES IN CONTACT WITH FOOD	Overall migration (Screening Method)	Method 30.358 using Gravimetry	A
MEAT AND MEAT PRODUCTS			
Fresh or Frozen	Beta-HADH activity (Fresh or Frozen)	Method No 10.159 using UV Spectrophotometry	A
	Ash	Method No 25.036 and Method No 25.030 using Gravimetry	A
	Free fat	Method No 09.016 using CEM Fat Analyzer	A
	Fat and free fat	Method Nos 09.025 BS 4401:Part 5:1970(1986)	A
	Hydroxyproline	Method No 20.420/20/421 based on BS 4401:Part 11:1979(1986)	A
	Moisture	(1) Method No 25.078 based on BS 4401:Part 3:1970(1986) (2) Method No 25.064	A
	Nitrogen	Method No 20.142 based on BS 4401:Part 2:1980(1985)	A
	Nitrate Nitrite	(1) Method No 75.026 using HPLC with UV detection (2) Method No 20.135 using DUMAS	A
	Species Identification:		
	- Cooked meat	Method No 10.137 using ELISA (Tepnel kit) (semi-quantitative)	A
	- Raw meat	Method No 10.148 using ELISA (Tepnel kit)	A



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FOOD (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods:	
MEAT AND MEAT PRODUCTS (cont'd)			
Fresh or Frozen (cont'd)	Total volatile bases	Method Nos 01.050/01.051	A
	Soya	Method No 10.193 using ELISA (Tepnel kit)	A
MILK AND MILK PRODUCTS	Aflatoxins M1	Method No 75.100 using Immunoaffinity Cleanup and HPLC With Fluorescence Detection	A
	Antibiotic residues and other inhibitory substances	Method No 15.356 based on bacterial metabolite activity	A
	Bovine casein	Method No 20.260 using ELISA	A
	Butterfat in fat	Method No 09.010 using GC/FID	A
	Fat	Method No 09.030 (Gerber and modified Gerber techniques) Method No 09.023 based on BS 1741:Part 3:1987 Method No 09.020 (Alkaline Hydrolysis)	A
	Titrateable acidity	Method No 01.013 based on BS 1741:1963 and BS 1741:Part 10.1:1989	A
	Total solids	Method No 25.136 APA VEMS method based on BS 1741:1963	A
NUTS and NUT PRODUCTS	Total Aflatoxins: Aflatoxin B1 Aflatoxin B2 Aflatoxin G1 Aflatoxin G2	Method No 75.044 using HPLC/fluorescence	A



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FOOD (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods:	
OILS and FATS	Free fatty acids as oleic acid	Method No 09.300 using Titrimetry	A
	Acidity	Method No 01.019 using Titrimetry	A
	Acid value	Method No 28.100 each based on BS 684:Section 2.10:1988	A
	Butterfat in fat	Method No 09.010 using GC/FID	A
	Cholesterol	Method 09.022 using GC/FID	A
	Fatty acid profile	Method No 09.099 based on BS 684:Section 2.35:1980 (1986) using GLC (Preparation of methyl esters based on BS 684:Section 2.34:1980 (1986)	A
	Peroxide value	Method No 28.120 based on BS 684:Section 2.14:1987	A
	Stigmasterol	Method 09.022 using GC/FID	A
Margarine	Water	Method No 25.067 based on BS 5086:Part 2:1995	A
	Solids-not-fat	Method No 25.049 based on BS 5086:Part 2:1995	A
	Fat	Method No 09.034 each based on BS 5086:Part 2:1995	A
Pastas	Detection of common wheat in Durum wheat	Method No 10.008 using ELISA (Tepnel kit)	A
POULTRY AND POULTRY PRODUCTS	Ash	Method No 25.036 Method No 25.030 (using Gravimetry)	A
	Free fat	Method No 09.016 using CEM Fat Analyser	A
	HADH Activity	Method No 10.159 (Enzymic Techniques) using UV Spectrophotometry	A



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FOOD (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods:	
POULTRY AND POULTRY PRODUCTS	Moisture	(1) Method No 25.078 based on BS 4401:Part 3:1970(1986) (2) Method No 25.064	A
	Nitrogen	(1) Method No 20.142 based on BS 4401:Part 2:1980(1985) (2) Method No 20.135 using DUMAS	A
	Soya	Method No 10.193 using ELISA (Tepnel kit)	A
	Species identification:		
	- Raw poultry	Method No 10.148 using ELISA (Tepnel kit)	A
	- Cooked poultry	Method No 10.137 using ELISA (Tepnel kit)	A
PRESERVES			
Jam	Insoluble solids	Method No 25.081 using Gravimetry	A
	Soluble solids	Method No 25.080 based on EEC Regulations 543/86 using refractometry	A
	Sugars: Fructose Glucose Lactose Sucrose	Method No 75.005 using HPAE/PAD	A



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FOOD (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods	
SOFT DRINKS	Additives: Acesulfam-K Aspartame Benzoic acid Caffeine Saccharin Sorbic acid	Method No 75.007 using HPLC/UV	A
	Soluble solids	Method No 25.080 EC Regulation No 543/86	A
	Sugars: Fructose Glucose Lactose Sucrose	Method No 75.005 using HPAE/PAD	A
SUGAR and SUGAR CONFECTIONERY	Butterfat in fat	Method No 09.010 using GC/FID	A
	Sugars: Fructose Glucose Lactose Sucrose	Method No 75.005 using HPAE/PAD	A
VEGETABLES	Soluble solids (canned and processed)	Method No 25.080 using Refractometry	A
	Howard Mould Count (tomato products)	Method No 08.595 APA VEMS using Optical Microscopy	A
	Nitrate and Nitrite	Method No 75.001 using HPLC/UV	A



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FOOD (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods:	
UNSPECIFIED FOODS	Additives Contaminants Nutritional components	Method No 91.127, generic protocol for the development/ modification of method for food analysis using the techniques: HPLC with: UV detection Fluorescence detection Pulsed imperometric detection GC with FID Inductively Coupled Plasma - Optical Emission Spectrometry Inductively Coupled Plasma - Mass Spectrometry UV/Vis Spectrophotometry	A
	Cadmium Chromium Copper Lead Zinc	Method No 75.018 (ICP-MS)	A
	Calcium	Method No 02.181 using ICP-OES	A
	Mercury	Method No 75.050 using acid digestion followed by ICPMS	A
		Method No 17.403 using cold vapour AAS	
	Sodium	Method No 02.183 using ICP-OES	A
	Tin	Method No 02.184 using ICP-OES	A
	Alcohol	Method No 05.110 using GC/FID	A
	Chloride	Method No 12.226/12.232 based on Volhard	A
Food and Feeding stuffs	Genetically modified Organisms - screening method	Method 05.185 PCR and Lab on a Chip	A
	Round up Ready Soya - quantification method	Method 10.194 by RT-PCR	



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FOOD (cont'd) UNSPECIFIED FOODS (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods:	
	Fat	(1) Method No 09.900 (using Methanol/Chloroform extraction) (2) Method No 09.021 (using acid hydrolysis for high carbohydrate foods [modified Werner Schmidt]) (3) Method No 09.039 (acid hydrolysis [Weibul Berntrop])	A
	Gluten	Method No 20.550 using ELISA (Tepnel Kits) using Skerritt antibody	A
	Dietary fibre	Method No 10.052 based on Englyst Fiberzym Colorimetric kit	A
	Almond protein	Method No 75.048 using R-Biopharm ELISA kit	A
	Hazelnut protein	Method No 75.049 using R-Biopharm ELISA kit	A
	Peanut protein (Qualitative)	Method No 20.292 using ELISA (Tepnel kits)	A
	Preservatives: Benzoic Acid Sorbic Acid Ethyl-4-hydroxybenzoate Methyl-4-hydroxybenzoate Propyl-4-hydroxybenzoate	Method No 75.010 using HPLC	A
	Propionic Acid	Method No 50.505 using GC/FID	A
	Sugars: Fructose Glucose Lactose Maltose Raffinose Sucrose	Method No 75.005 using HPAE/PAD	A



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FOOD (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods:	
UNSPECIFIED FOODS (cont'd)	Artificial sweeteners: Aspartame Ascesulfame K Saccharin	Method 75.008 using extraction and clean-up followed by reverse phase HPLC with UV detection	A
	Identification of synthetic colouring matter: Allura Red Amaranth Black PN Brilliant Blue FCF Brown FK Carmoisine Chocolate Brown HT Erythrosine BS Green S Indigo Carmine Patent Blue V Ponceau 4R Quinoline Yellow Red 2G Sunset Yellow FCF Tartrazine	Method Nos 07.910 and 07.920 (using TLC)	A
	Determination of artificial colours: Ponceau 4R Sunset yellow Tartrazine	Method Nos 75.033 and 75.034 using HPLC/UV	A
	Determination of artificial colours: Sudan I Sudan II Sudan III Sudan IV	Method No 75.042 using solvent extraction using HPLC with UV detection	A
	Moisture	Method No 25.070 using Gravimetry	A
	Nitrogen	(1) Method No 20.142 based on BS 4401:Part 2:1980(1985) (2) Method No 20.135 using DUMAS	A



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FOOD (cont'd)	<u>Chemical Tests</u> (cont'd)	Documented In-House Methods:	
UNSPECIFIED FOODS (cont'd)	Benzoic acid Sorbic acid	Method No 75.009 using HPLC/UV	A
	Sulphur dioxide	Method No 50.651 using the Shipton method Method No 50.650 (Qualitative) using the Parkes method Method No 50.652 using Titration	A
	Titanium compounds	Method No 07.535 (Qualitative) using Colorimetry	A
	Carbohydrate/Energy	Method No 90.436 by calculation	A
	Fatty acid (an objective test with a degree of calculation)	Method No 09.099 by calculation	A
	Meat/Fish content	Method No 91.125 by calculation	A
	Connective tissue	Method No 20.421 by calculation	A
	Cholesterol	Method No 09.022 by GC/FID	A
	Stigmasterol	Method No 09.022 by GC/FID	A
	FOODS AND FEEDING STUFFS PRODCUTS containing milk or soya,	Screening for melamine	Method No 75.052 using SPE/HPLC with UV detection
	<u>Microbiological Tests</u>		
	Detection of:		
Raw and cooked meat and meat products, ice cream and fresh fruit	<i>Escherichia coli</i> O157 (presumptive)	Method No 08.158 using 'Reveal' based on the AOAC Method	A
General foodstuffs	<i>Campylobacter</i> spp	Method No 08.470 based BS EN ISO 10272-1:2006	A
	<i>Salmonella</i> (excluding <i>Salmonella typhi</i> or <i>paratyphi</i>)	Method No 76.010 based on BS EN ISO 6579:2002 + A1:2007 confirmed by API biochemical profiling and serology using Prolab antisera	A



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FOOD (cont'd)	<u>Microbiological Tests</u> (cont'd)	Documented In-House Methods:	
General foodstuffs (cont'd)	Detection of: (cont'd)		
	<i>Listeria</i> spp, including <i>Listeria monocytogenes</i>	Method No 76.007 based on BS EN ISO 11290-1:1997 confirmed by API biochemical profiling	A
	Enumeration of:		
	Aerobic Colony Count at 30 °C (72h)	Method No 08.145 based on BS EN ISO 4833:2003 by pour plate	A
	<i>Bacillus cereus</i>	Method No 08.190 based on BS EN ISO 7932:2004 confirmed with haemolysis activity	A
	<i>Clostridium perfringens</i>	Method No 08.200 based on BS EN ISO 7937:2004 confirmed by biochemical profiling	A
	Coliforms	Method No 08.133 based on BS ISO 4832:2006 confirmed using BGBB	A
	Enterobacteriaceae	Method No 08.134 based on BS ISO 21528-2:2004 confirmed using glucose agar tube	A
	β -glucuronidase positive <i>Escherichia coli</i>	Method No 08.135 based on BS ISO 16649-2:2001	A
	Lactic Acid Bacteria	Method No 08.250 based on BS 7857-2:1996	A
	<i>Listeria</i> spp, including <i>Listeria monocytogenes</i>	Method No 76.007 based on BS EN ISO 11290-2:1998 + A1:2004 confirmed by API biochemical profiling	
	<i>Pseudomonas</i> spp	Method No 76.018 based on BS 7857-1:1996 with oxidase confirmation	A



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General foodstuffs (cont'd)	Enumeration of: <i>Staphylococcus aureus</i>	Method No 08.182 based on BS EN ISO 6888-1:1999 confirmed using latex agglutination (Pastorex Staph-Test kit)	A
	Yeasts and Moulds	Method 76.025 for samples with water activity less than or equal to 0.95 based on BS ISO 21527-2:2008 Method 76.026 for samples with water activity greater than 0.95 based on BS ISO 21527-2:2008	A
DAIRY PRODUCTS	Coliforms (incubated at 30 °C)	Method No 08.133 based on BS ISO 4832:2006 confirmed using BGBB	
PENCILS AND GRAPHIC INSTRUMENTS	<u>Chemical Tests</u> Metals, soluble: Antimony Arsenic Barium Cadmium Chromium Lead Mercury	Documented In-House Method: Method No 75.011 (sample preparation) followed by 02.182 using ICP-OES	A
TOYS and TOY PACKAGING	<u>Mechanical Tests</u>	BS EN 71-1:2005+ A9:2009 (documented in-house methods based on the tests specified in the standard to assess compliance with the relevant clauses below)	
	Tension test - general	Method No 23.973 (4.14.2, 4.18, 5.1, 5.3)	A
	Sharpness of edges	Method No 23.974 (4.7)	A
	Kinetic energy, projectile length, tip radius	Method No 23.975 (4.17)	A



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TOYS and TOY PACKAGING (cont'd)	<u>Mechanical Tests</u> (cont'd)	BS EN 71-1:2005 + A9:2009 (cont'd)	
	Thickness of plastic sheetings/bags	Method No 23.976 (4.3, 6)	A
	Opening perimeter of bags	Method No 23.977(4.4, 6)	A
	Drop test	Method No 23.978 (4.10.2, 4.14.2, 5.1)	A
	Impact test	Method No 23.979 (4.10.2, 4.14.2, 5.1)	A
	Compression test	Method No 23.980 (4.14.2, 5.1)	A
	Torque test	Method No 23.981 (4.11, 4.14.2, 4.18, 5.1)	A
	Adhesion of plastic sheeting	Method No 23.983 (5.3)	A
	Mass loading (folding/sliding mechanisms)	Method No 23.984 (4.10.1)	A
	Flexibility of wires	Method No 23.985 (4.8)	A
	Expanding materials	Method No 23.986 (4.6)	A
	Accessibility	Method No 23.987 (4.5, 4.7, 4.8, 4.10.2, 4.10.4, 4.15.1.2, 4.15.1.3, 4.21, 5.1, 5.7)	A
	Leakage of liquid filled toys	Method No 23.988 (5.5)	A
	Stability of heavy toys	Method No 23.989 (4.16)	A
	Stability of toys intended to bear the mass of a child	Method No 23.990 (4.15.1. 4, 4.15.4, 4.15.3)	A
	Static strength	Method No 23.991 (4.15.1.3, 4.15.1.5, 4.15.3, 4.15.4)	A
Tension test-seams and materials	Method No 23.992 (5.2)	A	
Geometric form	Method No 23.993 (5.8)	A	



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TOYS and TOY PACKAGING (cont'd)	<u>Mechanical Tests</u> (cont'd)	BS EN 71-1:2005 + A9:2009 (cont'd)	
	Small size and detachable components	Method No 23.994 (4.6, 4.11, 4.18, 5.1, 5.2)	A
	Sharpness of accessible points	Method No 23.995 (4.8, 4.9, 4.10.2, 4.14.2, 4.15.1.2, 4.15.1.3, 5.1)	A
	Hole area in plastic sheeting/packaging	Method No 23.996 (4.3b, 6)	A
	Tip over test	Method No 23.997 (4.10.2, 5.1)	A
	Soaking test	Method No 23.998 (4.11, 5.1)	A
	Assessment of cords on toys	Method No 23.970-5 (4.4, 4.13, 5.4)	A
	Assessment of toys which a child can enter	Method No 23.812 (4.14.1a, 4.14.1b)	A
	Temperature rise	Method No 23.813 (4.21)	A
	Assessment of hinged masses	Method No 23.816 (4.10.3)	A
	Assessment of springs	Method No 23.815 (4.10.4)	A
	Assessment of dimensional clearance	Method No 23.816 (4.10.1c, 4.10.1d, 4.10.2, 4.15.1.6, 4.15.5.4b)	A
	Assessment of masks and helmets	Method No 23.817(4.14.2)	A
	Tension test-protective components	Method No 23.820 (4.9, 4.17.1)	A
	Small balls	Method 23.821 (4.22, 5.10)	A
	Play figures	Method 23.822 (5.11)	A
Hemispheric-shaped toys	Method 23.823 (5.12)	A	
Suction Cups	Method 23.824 (5.13)	A	



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TOYS and TOY PACKAGING (cont'd)	<u>Mechanical Tests</u> (cont'd)	BS EN 71-1:2005 + A9:2009 (cont'd)	
	Magnets	Method 23.818 & 23.819 (4.23)	A
	<u>Flammability</u>	BS EN 71-2:2006 + A1:2007	A
	Toys to be worn on the head	Method No 23.067 (Clause 4.2) Method No 23.068 (Clause 4.2)	A
	Toy disguise costumes	Method No 23.066 (Clause 4.3)	A
	Toys intended to be entered	Method No 23.066 (Clause 4.4)	A
	Soft filled toys 520 mm or less	Method No 23.107 (Clause 4.5.2)	A
	<u>Metals, Migratable</u>	BS EN 71-3:1995	
	Antimony Arsenic Barium Cadmium Chromium Lead Mercury Selenium	Based on BS EN 71-3:1995 Method No 75.011 (sample preparation) followed by 02.182 using ICP-OES	A
	Finger Paints: Antimony Arsenic Barium Cadmium Chromium Lead Mercury Selenium	BS EN 71-7:2002 Based on BS EN 71-3:1995 Method No 75.011 (sample preparation) followed by 02.182 using ICP-OES	A
WATERS	<u>Chemical Tests</u>		
	Chlorine: Combined Free Total	Method No 12.256 Method No 12.252 Method No 12.254, using HACH Instrument	A
	Conductivity	Method No 23.035 using conductivity Meter	A
	pH	Method No 01.060 using pH Meter	A



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WATERS: (cont'd) Raw and potable waters; and swimming pool and bathing waters; and, "DOWN", air humidifier unit and cooling tower waters (cont'd)	<u>Microbiological Tests</u> Enumeration of: Aerobic Colony Counts (22 °C & 37 °C)	Documented In-House Methods: Method No 76.004 based on Microbiology of Drinking Water (2007):Part 7	A
	Total coliforms and <i>Escherichia coli</i>	Method 76.020 using IDEXX Quanti-tray (MPN) method - Colilert. Based on The Microbiology of Drinking Water 2009, Part 4.	A
	Faecal Enterococcus	Method No 76.023 (membrane filtration) based on Microbiology of Drinking Water (2009):Part 4	A
	<i>Pseudomonas aeruginosa</i>	Method No 76.009 (membrane filtration) based on Microbiology of Drinking Water (2010):Part 5	A
	Sulphite Reducing Clostridia	Method No 76.003 (membrane filtration) based on Microbiology of Drinking Water (2010):Part 8	A
	Sulphite Reducing Clostridia	Method No 76.015 (membrane filtration) based on Microbiology of Drinking Water (2010):Part 6	A
END			