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current science bulletin

SRI LANKA SCIENTIFIC & TECHNICAL INFORMATION CENTRE

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JANUARY / MARCH 1977

**NATIONAL SCIENCE COUNCIL OF SRI LANKA
47/5, MAITLAND PLACE, COLOMBO 7, SRI LANKA**

CURRENT SCIENCE BULLETIN

As an attempt at meeting the information requirements of Scientists, Research Workers and Libraries, SLSTIC with the co-operation of a group of libraries, has drawn up a scheme for compiling a Union Catalogue of Scientific and Technical Publications. The libraries which participate in this scheme send catalogue cards of their new acquisitions for the Union Catalogue which is housed at the SLSTIC.

This issue records, under broad subject headings, the information received by the SLSTIC during January/March 1977 for the Union Catalogue which is arranged alphabetically by Author; the subject headings related to Natural and Applied Sciences are arranged by UDC and those related to Science Policy by the SPINES Classification Scheme. (Science and Technology Policies Information Exchange System) Hence, this would serve as a subject guide to the Union Catalogue. Based on the current information received we intend to publish this bulletin quarterly.

It is expected that the Current Science Bulletin would help a library to develop awareness of current holdings of other libraries so that it would modify, if necessary, its acquisition policy. Further it would facilitate promotion of inter-library loan schemes.

As yet, only a few libraries have found it possible to send information for the Union Catalogue and with more libraries participating in this scheme it would be possible for us to provide a more comprehensive service which would give wider coverage to acquisition of S & T publications by libraries in Sri Lanka.

PARTICIPATING LIBRARIES

- IDB - Industrial Development Board
615, Galle Road, Katubedda,
Moratuwa.
Tel. Moratuwa - 323
- NSC - National Science Council of Sri Lanka
47/5, Maitland Place,
Colombo 7.
Tel. 96771 - 3
- SEC - State Engineering Corporation
130, WAD Ramanayaka Mawatha,
Colombo 2.
Tel. 21261, 20211
- SLML - Sri Lanka Medical Library
6, Wijerama Mawatha,
Colombo 7.
Tel. 91420
- UC - University of Sri Lanka, Colombo Campus
Reid Avenue,
Colombo 7.
Tel. 86432
- UCM - University of Sri Lanka, Colombo Campus
Medical Library,
Faculty of Medicine,
Kynsey Road,
Colombo 8.
Tel. 92068

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PLACKETT, R.L.

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Cumulative sum tests: theory and practice. London: Griffin, 1968. (Griffin's statistical monographs & course. No. 24) (UC)

52 ASTRONOMY, SURVEYING, GEODESY

528 Surveying

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53 PHYSICS & MECHANICS

53 PHYSICS (in general)

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53 PHYSICS & MECHANICS

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53 PHYSICS & MECHANICS

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53 PHYSICS & MECHANICS

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53 PHYSICS & MECHANICS

539 PHYSICAL NATURE OF MATTER

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current science bulletin

SRI LANKA SCIENTIFIC & TECHNICAL INFORMATION CENTRE

VOLUME I NO 2

APRIL / JUNE 1977

**NATIONAL SCIENCE COUNCIL OF SRI LANKA
47/5, MAITLAND PLACE, COLOMBO 7, SRI LANKA**

CURRENT SCIENCE BULLETIN

As an attempt at meeting the information requirements of Scientists, Research Workers and Libraries, SLSTIC with the co-operation of a group of libraries, has drawn up a scheme for compiling a Union Catalogue of Scientific and Technical Publications. The libraries which participate in this scheme send catalogue cards of their new acquisitions for the Union Catalogue which is housed at the SLSTIC.

This issue records, under broad subject headings, the information received by the SLSTIC during April/June 1977 for the Union Catalogue which is arranged alphabetically by Author; the subject headings related to Natural and Applied Sciences are arranged by UDC and those related to Science Policy by the SPINES Classification Scheme. (Science and Technology Policies Information Exchange System) Hence, this would serve as a subject guide to the Union Catalogue. A list of Oversea Standards received by the Bureau of Ceylon Standards during the period April/June 1977 is given in the Bulletin as an appendix. Based on the current information received we intend to publish this bulletin quarterly.

It is expected that the Current Science Bulletin would help a library to develop awareness of current holdings of other libraries so that it would modify, if necessary, its acquisition policy. Further it would facilitate promotion of inter-library loan schemes.

As yet, only a few libraries have found it possible to send information for the Union Catalogue and with more libraries participating in this scheme it would be possible for us to provide a more comprehensive service which would give wider coverage to acquisition of S & T publications by libraries in Sri Lanka.

PARTICIPATING LIBRARIES

- BCS - Bureau of Ceylon Standards, 53, Dharmapala Mawatha,
Colombo 3.
Tel. 26951
- CISIR - Ceylon Inst. of Scientific & Industrial Research, 363,
Buddhaloka Mawatha, Colombo 7.
Tel. 93807
- CSC - Ceylon Steel Corporation, Aturugiriya.
Tel. 079/211-213 (29447-8).
- FRS - Fisheries Research Station, Galle Face, Colombo 3.
Tel. 26972, 27431
- IDB - Industrial Development Board, 615, Galle Road,
Katubedda, Moratuwa.
Tel. 072/323
- NSC - National Science Council of Sri Lanka, 47/5,
Maitland Place, Colombo 7.
Tel. 96771-3
- RRI - Rubber Research Institute, Dartonfield,
Agalawatta.
Tel. Agalawatta 26
- SEC - State Engineering Corporation, 130,
W.A.D. Ramānayake Mawatha, Colombo 2.
Tel. 21261, 20211
- SLML - Sri Lanka Medical Library, 6, Wijerama Mawatha,
Colombo 7.
Tel. 91420
- UC - University of Sri Lanka, Colombo Campus, Reid Avenue,
Colombo 7.
Tel. 86432
- UCM - University of Sri Lanka, Medical Library,
Faculty of Medicine, Kynsey Road, Colombo 8.
Tel. 92068

CURRENT SCIENCE BULLETIN

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LIST OF OVERSEA STANDARDS RECEIVED BY THE BUREAU OF CEYLON
STANDARDS DURING THE PERIOD APRIL/JUNE 1977/

KEY TO COUNTRY OF ORIGIN

ANSI	-	USA
AS	-	Australia
ASTM	-	USA
BS	-	UK
CAS	-	Central Africa
CGSB	-	Canadian Govt. Specification Board
CKS	-	South Africa
CNS	-	China
DIN	-	Germany
FED	-	USA
FAO	-	Food & Agricultural Organisation
GNSB	-	Republic of Ghana
IEC	-	International Electrotechnical Commission
IS	-	India
ISO	-	International Standards Organisation
JIS	-	Japan
KBS	-	South Korea
MS	-	Malaysia
NZS	-	New Zealand
SABS	-	South Africa
SAO	-	Philippines
SI	-	Israel
SIRU	-	Singapore
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ISO 2382/7 - 77 - Data processing vocabulary - Section 07: Digital computer programming

ISO 4223/1 - 77 - Definitions of some terms used in the tyre industry. Part 1. Pneumatic tyres

IS 7348/2-75 - Glossary of terms relating to dentistry

IS 707 - 76 - Glossary of terms applicable to timber technology and utilization

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- ISO 1392 - 77 - Determination of crystallizing point
- ISO 1394 - 77 - Liquid halogenated hydrocarbons for industrial use - determination of cloud point
- IS 8077 - 76 - Procedure for checking temperature of quick-frozen foods
- SABS 0123 - 76 - The control of undesirable static electricity

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IS 8128 - 76 - Elevator, Farabeuf's pattern

IS 8106 - 76 - Needle holder eye, Kalt's pattern

IS 8109 - 76 - Needle holder, eye, Castroviejo's pattern

IS 8128 - 76 - Forceps, tonsil artery, curved

IS 8207 - 76 - Forceps, Rongeur, dental

AS 1945 - 76 - Reusable hypodermic needles for general medical use

AS 3201 - 77 - Approval and test specification for electromedical equipment.

616.314 Dentistry

ISO 3950 - 77 - Tooth designation for dental purposes - two digit system

AS 1959 - 76 - Dental die stones

AS 1437 - 76 - Dental operating luminaires for oral illumination

AS 1920 - 76 Dental agar impression material,

621.3 Electrical engineering

IS 2032 pt. 15 - 76 - Graphical symbols used in electrotechnology part XV. Aircraft electrical symbols

SI 949 - 76 - Hand held electric gas lighter with a vibrator for household use and similar uses

JIS H 4541 - 75 - Dumet wire

621.315 Cable wiring etc.

IS 8061 - 76 - Code of practice for design, installation and maintenance of service lines up to and including 650 V.

IS 398/3-76 - Aluminium conductors for overhead transmission

DIN 48204 - 74 - Stranded conductors - steel - reinforced aluminium

DIN 48202 - 74 - Wires and conductors of E-ALMgSi for lines

DIN 48201 part 2 - 65 - Bronze stranded conductors

DIN 48201 part 1 - 65 - Copper stranded conductors

AS 3166 - 76 - Approval and test specification for PVC insulated cables for electric signs

AS 1979 - 76 - Flexible travelling cables for electric lifts

AS 1972-76 - Cables for use below ground in coal mines

JIS C 3107 - 75 - Half-hard-drawn aluminium wires for electric purposes

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SI 32-76 - Electric plugs and socket outlets for domestic and similar purposes up to 16 A

SI 302-76 - Hand operated air-break switches and isolators

IS 7998 - 76 - Contact breakers for motor cycles

SI 33 - 76 - Wall switches for domestic and similar use

IS 5786 - 76 - Fixed resistors

621.32 Electric lighting equipment

SI 933-76 - Office lighting

BS 5394 pt.1-76 - Luminaires for tubular fluorescent lamps

SABS 1119 - 76 - Interior luminaires for fluorescent lamps

621.35

Cells - Batteries - Electrolysis etc.

IS 8144 - 76 - Multipurpose dry batteries

IS 586-76 - Leclanche's type dry batteries for telecommunication signalling and general purposes

IS 2652-76 - Schedule of terminals for leclanche type primary batteries

AS 1901-76 - Electroplated coatings of gold and gold alloys

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Fluid containers - pipes - closures etc.

ISO 448-77 - Gas cylinders for industrial use

AS 1942/44-76 - Gas cylinders identification

AS 1958 - 76 - SAA Submarine pipeline code

ISO 559-77 - Welded or seamless steel tubes for water, sewage and gas

ISO 3114 - 77 - PVC pipes for potable water supply - test method

IS 1538 - 76 - Cast iron fittings for pressure pipes for water, gas and sewage

SI 60.4/.8-75 - Pipe flanges

AS 1585 - 76 - Capillary and brazing fittings of copper and copper alloy.

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Pumps

ISO 3555-77 - Centrifugal, mixed flow and axial pumps

IS 8034 - 76 - Submersible pumpsets for clear, cold, fresh water.

IS 8035-76 - Shallow well hand pumps

ISO 3661-77 - End-suction centrifugal pumps.

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Powder metallurgy

ISO 4003-77 - Permeable sintered metal materials

ISO 3995-77 - Metallic powders - determination of green strength

ISO 3954 - 77 - Powders for powder metallurgical purposes

ISO 3955-77 - Sintered metal materials - sampling

ISO 3927-77 - Metallic powders - determination of compactibility

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Packaging

IS 8190/1-76 - Requirements for packing of pesticides
Part I. Solid.

IS 8190/2-76 - Requirements for packing pesticides -
Part 2 - Liquid.

IS 8001 - 76 - Packaging of plywood, blockboards and
flush doors

IS 10/4-76 - Plywood tea-chests - part IV. Metal
fittings

IS 10/5-76 - Plywood tea-chests - Part 5. Assembly
and packing.

SABS 984-76 - Corrugated board containers for the export
of applies.

IS 8115-76 - Double hessian jute bags for pesticides

IS 8069-76 - High density polyethylene woven sacks

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Mechanical attachment and fixings

IS 2587-75 - Pipe vices

ISO 3800/±77 - Threaded fasteners 0 test methods

DIN 202-74 - Screw threads

ISO 3161-77 - UNJ threads with controlled root radius.

ISO 4230-77 - Hand and machine operated circular screwing
dives.

ISO 4570/±77 - Tyre valve threads

IS 8068 - 76 - Tab washers

SABS 1113-76 - Hand-operated, square-drive socket wrenches.

IS 7991-76 - Attachments for hand-operated square drive
socket wrenches

ISO 3117 - 77 - Tangential keys and keyways

ISO 4759/3-77 - Washers for metric bolts, screws and nuts

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SABS 565-76 - Pentachlorophenos - zine naphthenate timber
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ISO 3810-77 - Cork - floor tiles of agglomerated cork

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ISO 2470-77 - Paper and board - measurement of diffuse blue reflectance factor - ISO brightness

ISO 2471-77 Paper and board - determination of opacity

SI 846 pt.8-76 - Testing of paper - determination of tensile strength and elongation at rupture of paper and board.

MS 1.96-75 - Method of test for paper measurement of the folding endurance of paper.

MS 1.91-75 - Method of test for paper - determination of tearing resistance

ISO 3688 - 77 - Pulps - measurement of diffuse blue reflectance factor ISO brightness

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MS 1.77-75 - Paper-duplicating, copy, liquid process.

MS 1.82-75 - Paper - drawing and tracing

MS 1.76-75 - Carbon paper, handwriting

MS 1.73-75 - Carbon paper for typewriters

MS 1.78-75 - Kraft paper, wrapping.

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Analysis and testing

MS 2.9-76 - Methods for determination of sulphate content in textile materials.

MS 2.11-76 - Method for determination of pH value of aqueous extracts of textile materials.

MS 2.12-76 - Method for determination of conductivity of aqueous and organic extracts of textile materials.

MS 2.13-76 - Method for determination of other-soluble matter in textile materials.

MS 2.19-75 - Method for determination of gelatine and oil
size in viscose rayon and acetate yarn and fabrics

MS 2.8-76 - Method for determination of total starch or
gum size and filling in cotton and viscose rayon yarn and
fabric.

ISO technical Report 5090-77 - Textiles - methods for the
removal of non-fibrous matter prior to quantitative analysis
of fibre mixtures.

MS 2.20 pt. 1-76 - Methods of test for colour fastness of
textiles - part 1 general principles of testing .

MS 2.20 part 2-76 - Methods of test for colour fastness of
textiles part 2. Grey scale for assessing change in colour.

MS 2.20 pt. 7-75 - Methods of test for colour fastness of
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MS 2.20 pt. 8-75 - Methods of test for colour fastness of
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MS 2.20 pt. 9-75 - Methods of test for colour fastness of
textiles - pt.9 Colour fastness to water

MS 2.20 pt. 10-75 - Methods of test to colour fastness of
textiles - pt. 10 Colour fastness to hot water.

MS 2.20 part 11-75 - Methods of test for colour fastness of
textiles - pt. 11 Colour fastness to Soda boiling

MS 2.20 part 12-16-76 - Methods of test for colour fastness
of textiles pt. 12 Colour fastness to washing

SI 529-76 - Textiles; designation of yarns

ISO 1421-77 - Fabrics coated with rubber or plastics -
determination of breaking strength and elongation at break

ISO 5081 - 77 - Woven fabrics - determination of breaking
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ISO 1419-77 - Fabrics coated with rubber or plastics -
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ISO 5464-77 - Bearings for bottom rollers and allied
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ISO 98 - 77 - Spinning preparatory and spinning machinery -
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ISO 143-77 - Weft pins for automatic looms

ISO 93/1-77 - Cylindrical sliver cans part 1. Main
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ISO 5243-77 - Numbering of heald frames in a loom

ISO 5245-77 - Weft pirns with rings (27 mm and 30 mm) for automatic winding at the loom

ISO 5246-77 - Ringless weft pirns (24 mm and 27 mm) for automatic winding at the loom

IS 8137-76 - Springs for plain calico looms

IS 8014 -76 - Classification for plain calico looms and nomenclature of dyeing and finishing machinery

ISO 3340-76 - Harness - dobby and jacquard.

IS 4470-76 - All-metal leasing reeds for warping

IS 1190-76 - Twin wire Healds for weaving

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AS 1809-76 - Security of raw wool samples for display purposes

AS 1363 - 76 - Grab sampling of greasy wool bales

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SABS 1101 - 76 - Tufted carpeting for domestic use

MS 2.16-76 - Absorbent gauze

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ISO 976-77 - Rubber latices - determination of pH

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SI 578-76 - Rubber water hose

SI 686-76 - Rubber hoses for steam

SI 651-76 - Rubber air hoses

SI 946-76 - Agricultural rubber hoses for spraying

MS 3.35-75 - Methods of sampling and testing concentrated natural rubber latices

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Synthetic polymerizates

SI 540-76 - Flexible PVC floorings - floorings with cellular PVC backing

PAS 9-74 - Metallized polymers floor polish

SI 944-76 - Polythene garbage bags

SI 945-76 - Polythene bags for bakers' goods

SI 669-76 - Rigid PVC corrugated sheets made by extrusion

ISO 3114-77 - PVC pipes for potable water supply-extractability of lead and tin-test method

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SI 432-76 - Domestic hot plates for cooking with gas

SI 337-75 - Portable kerosine heating stoves

NZS 4603-76 - Code of practice for the installation of low pressure thermal storage electric water heaters within copper cylinders

SI 691-76 - Electric water heaters, thermostatically controlled thermally insulated

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DIN 4843 pt.1-75 - Safety footwear - safety requirements and testing

DIN 4843 part 2-75 - Safety footwear - Materials testing

DIN 4843 part 4-75 - -do- - For use in mining-requirements for testing

IS 2051-76 - Methods of sampling of leather footwear

IS 8060-76 - Heel-tip and toe-tip with nails for footwear.

SABS 421-76 - The production of men's shoes

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AS 1989-76 - Classification and labelling of children's night clothes for fire hazard

AS 1249 part 1,2-76 - Children's night clothes having reduced fire hazard

ISO 3635-77 - Size designation of clothes - definitions and body measurement procedure

SI 942-76 - School,uniform- Skirt

PAS 18-74 - Workwear materials

BS PAS 17-74 - Sheeting, sheets and pillow slips

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SI 412-75 - Characteristic loads in building - permanent and imposed loads

DIN 18300-74 - Contract procedure for building works

IS 1200 part 3-76 - Method of measurement of building and ^{civil} engineering works

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IS 4021-76 - Timber door, window and ventilator frames

BS PAS 20-74 - General purpose passenger lifts

NZS 4211-76 - Performance of windows

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IS 2547 part 1-76 - Gypsum building plaster part I. Excluding pre-mixed light weight plasters.

IS 3495 -76 - Methods of test of burnt clay building bricks

SI 75-76 - Quicklime for building purposes

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IS 1200/3-76 - Method of measurement of building and civil engineering work: Part 3 - Brickwork

AS 1475 Part 1-77 - SAA Blockwork code - part 1 - Unreinforced blockwork

NZS 3404-77 - Code of design of steel structures

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SI 948-76 - Ceramic bidets

AS 1976-76 - Vitreous china used in sanitary appliances

SI 933-76 - Office lighting

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AS 1974 - 76 - Drawing board dimensions

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IS 8000 part 2-4 - Tolerances of form and of position for
engineering drawings

ISO 3766-77 - Building and civil engineering drawings -
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current science bulletin

SRI LANKA SCIENTIFIC & TECHNICAL INFORMATION CENTRE

VOL. I NO. 3

JULY / SEPTEMBER 1977

**NATIONAL SCIENCE COUNCIL OF SRI LANKA
47/5, MAITLAND PLACE, COLOMBO 7, SRI LANKA**

CURRENT SCIENCE BULLETIN

As an attempt at meeting the information requirements of Scientists, Research Workers and Libraries, SLSTIC with the co-operation of a group of libraries, has drawn up a scheme for compiling a Union Catalogue of Scientific and Technical Publications. The libraries which participate in this scheme send catalogue cards of their new acquisitions for the Union Catalogue which is housed at the SLSTIC.

This issue records, under broad subject headings, the information received by the SLSTIC during July/September 1977 for the Union Catalogue which is arranged alphabetically by Author; the subject headings related to Natural and Applied Sciences are arranged by UDC and those related to Science Policy by the SPINES Classification Scheme. (Science and Technology Policies Information Exchange System) Hence, this would serve as a subject guide to the Union Catalogue. Based on the current information received we intend to publish this bulletin quarterly. A list of Oversea Standards received by the Bureau of Ceylon Standards during the period July/September 1977 will be incorporated in the next issue of the bulletin.

It is expected that the Current Science Bulletin would help a library to develop awareness of current holdings of other libraries so that it would modify, if necessary, its acquisition policy. Further it would facilitate promotion of inter-library loan schemes.

As yet, only a few libraries have found it possible to send information for the Union Catalogue and with more libraries participating in this scheme it would be possible for us to provide a more comprehensive service which would give wider coverage to acquisition of S & T publications by libraries in Sri Lanka.

PARTICIPATING LIBRARIES

- BCS Bureau of Ceylon Standards, 53, Dharmapala Mawatha,
Colombo 3. Tel. 26051
- CEB Ceylon Electricity Board, 50, Sir Chittampalam A. Gardinar
Mawatha, Colombo 2. Tel. 24471
- CISIR Ceylon Institute of Scientific & Industrial Research,
363, Bauddhaloka Mawatha, Colombo 7 Tel. 93807
- CRI Coconut Research Institute, Bandirippu Estate,
Lunuwila. Tel. 95 Dankotuwa
- CSC Ceylon Steel Corporation, Aturugiriya.
Tel. 079/211-213 (29447-8)
- FRS Fisheries Research Station, Galle Face,
Colombo 3. Tel. 26972, 27431
- IDB Industrial Development Board, 615, Galle Road, Katubedde,
Moratuwa. Tel. 072/323
- NML Dept. of National Museums, Albert Crescent,
Colombo 7. Tel. 93314
- NSC National Science Council of Sri Lanka,
47/5, Maitland Place, Colombo 7 Tel. 96771-3
- RRI Rubber Research Institute, Dartonfield,
Agalawatte, Tel 26 Agalawatte
- SEC State Engineering Corporation, 130, WAD Rananayake Mawatha,
Colombo 2 Tel. 21261, 20211
- SIML Sri Lanka Medical Library, 6 Wijerana Mawatha,
Colombo 7 Tel. 91420
- UC University of Sri Lanka, Colombo Campus, Reid Avenue,
Colombo 3. Tel. 86432
- UCM University of Sri Lanka, Medical Library,
Faculty of Medicine, Kynsey Rd.,
Colombo 8. Tel. 92068
- UJ University of Sri Lanka, Jaffna Campus,
Thirunevely, Jaffna. Tel. 481,7592-4 Jaffna
- UK University of Sri Lanka, Katubedde Campus,
Katubedde. Tel. 072/301,534

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current science bulletin

SRI LANKA SCIENTIFIC & TECHNICAL INFORMATION CENTRE

VOL. I NO. 4
OCTOBER / DECEMBER 1977

NATIONAL SCIENCE COUNCIL OF SRI LANKA
47/5, MAITLAND PLACE, COLOMBO 7, SRI LANKA

CURRENT SCIENCE BULLETIN

As an attempt at meeting the information requirements of Scientists, Research Workers and Libraries, SLSTIC with the co-operation of a group of libraries, has drawn up a scheme for compiling a Union Catalogue of Scientific and Technical Publications. The libraries which participate in this scheme send catalogue cards of their new acquisitions for the Union Catalogue which is housed at the SLSTIC.

This issue records, under broad subject headings, the information received by the SLSTIC during October/December 1977 for the Union Catalogue which is arranged alphabetically by Author; the subject headings related to Natural and Applied Sciences are arranged by UDC and those related to Science Policy by the SPINES Classification Scheme. (Science and Technology Policies Information Exchange System) Hence, this would serve as a subject guide to the Union Catalogue. Based on the current information received we intend to publish this bulletin quarterly. A list of Oversea Standards received by the Bureau of Ceylon Standards during the period July/December 1977 is given in the Bulletin as an appendix.

It is expected that the Current Science Bulletin would help a library to develop awareness of current holdings of other libraries so that it would modify, if necessary, its acquisition policy. Further it would facilitate promotion of inter-library loan schemes.

With more libraries participating in this scheme it would be possible for us to provide a more comprehensive service which would give wider coverage to acquisition to S & T publications by libraries in Sri Lanka.

PARTICIPATING LIBRARIES

- BC(C) British Council (Colombo), 154, Galle Rd. Colombo 3.
Tel. 23381, 23382
- BC(K) British Council (Kandy) Dalada Veediya, Kandy.
Tel. 08/3140
- BCS Bureau of Ceylon Standards, 53, Dharmapala Mawatha,
Colombo 3. Tel. 26051
- CEB Ceylon Electricity Board, 50, Sir Chittanpala A.
Gardinar Mawatha, Colombo 2. Tel. 24471
- CISIR Ceylon Institute of Scientific & Industrial Research,
363, Bauddhaloka Mawatha, Colombo 7. Tel. 93807
- CRI Coconut Research Institute, Bandirippu Estate,
Lunuwila. Tel. 95 Dankotuwa
- CSC Ceylon Steel Corporation, Aturugiriya.
Tel. 079/211-213 (29447-8)
- FRS Fisheries Research Station, Galle Face, Colombo 3.
Tel. 26972; 27431
- IDB Industrial Development Board, 615, Galle Road,
Katubedde, Moratuwa. Tel. 072/323
- NML Dept. of National Museums, Alber Crescent,
Colombo 7. Tel. 93314
- NSC National Science Council of Sri Lanka,
47/5, Maitland Place, Colombo 7. Tel. 96771-3
- RRI Rubber Research Institute, Dantonfield, Agalawatte.
Tel. 26 Agalawatte
- SEC State Engineering Corporation, 130, WAD Rananayake
Mawatha, Colombo 2. Tel. 21261, 20211
- SLML Sri Lanka Medical Library, 6 Wijerana Mawatha,
Colombo 7. Tel. 91420
- UC University of Sri Lanka, Colombo Campus, Reid Avenue,
Colombo 3. Tel. 86432
- UCM University of Sri Lanka, Medical Library,
Faculty of Medicine, Kynsey Rd.,
Colombo 8. Tel. 92068
- UJ University of Sri Lanka, Jaffna Campus,
Thirunelvely, Jaffna. Tel. 481, 7592-4 Jaffna
- UK University of Sri Lanka, Katubedde Campus,
Katubedde. Tel. 072/301, 534
- UP University of Sri Lanka, Peradeniya Campus,
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B C S
LIST
OF
OVERSEA STANDARDS

LIST OF OVERSEA STANDARDS RECEIVED BY THE BUREAU OF CEYLON
STANDARDS DURING THE PERIOD JULY/DEC. 1977/

KEY TO COUNTRY OF ORIGIN

ANSI	-	USA
AS	-	Australia
ASTM	-	USA
BS	-	UK
CAS	-	Central Africa
CGSB	-	Canadian Govt. Specification Board
CKS	-	South Africa
CNS	-	China
DIN	-	Germany
FED	-	USA
FAO	-	Food & Agricultural Organisation
GNSB	-	Republic of Ghana
IEC	-	International Electrotechnical Commission
IS	-	India
ISO	-	International Standards Organisation
JIS	-	Japan
KBS	-	South Korea
MS	-	Malaysia
NZS	-	New Zealand
SABS	-	South Africa
SAO	-	Philippines
SI	-	Israel
SIRU	-	Singapore
THAE	-	Thailand

KEY TO UDC CLASSIFICATION

- 63 Agriculture. Forestry. Stockbreeding. Animal Produce. Fisheries.
- 631.3 Agricultural implements, tools, machinery
- 632.9 Plant and crop protection. Pest control
- 634.1/.8 Fruit growing. Orchards
- 635 Horticulture
- 636 Stockbreeding. Livestock
- 639.2 Fisheries
- 643/645 Home. Household equipment
- 648 Washing. Laundering
- 651 Office management
- 655 Printing. Publishing. Book trade
- 66 Chemical industry. Chemical technology
- 661.185 Surface active agents
- 662 Explosives. Fuels
- 663 Beverages. Stimulants
- 664 Food industries. Preservations

63 Agriculture. Forestry. Animal Produce. Fisheries.

631.3 Agricultural implements, tools, machinery.

IS 2192 pt. 1 - Animal-drawn mouldboard plough
pt. 1 - Turnwrest type

IS 2192 pt. 2 - Animal-drawn mouldboard plough
pt. 2 Fixed type

ISO 4002/2-77 - Equipment for sowing and planting -
Disks

SABS SV 1121 - 76 - Power lawn-mowers

ISO 730/1 - 77 - Agricultural wheeled tractors -
three point linkage

ISO 3965 - 77 - Agricultural wheeled tractors -
determination of maximum travel speed

632.9 Plant and crop protection. Pest Control

SI 946 - 76 - Agricultural rubber houses for spraying

IS 8190 pt. 1 and 2/76 - Requirements for packing of
pesticides

MS 1.79 - 75 - Dieldrin water dispersible powders

IS 8117 - 76 - DW tarpaulin laminated jute bags for
pesticides

IS 8115 - 76 - Double hessian jute bags for pesticides

IS 7977 - 76 - Disulfoton, technical

IS 8072 - 76 - Quinalphos, technical

IS 7985 - 76 - Quintozene, technical

IS 8071 - 76 - propanil, technical

634./8 Fruit growing. Orchards

IS 8123 - 76 - Code of hygienic conditions for sale of
cut-fruits, fruit juice and fruit salad

SABS 984/67 - Corrugated board containers for the export
of apples

SI 514 - 75 - Canned pears

SI 335 - 75 - Canned apricots

SI 297 - 76 - Water melons

SI 664-76 - Pickled black olives

SI 157 - 76 - Pickled green olives

635

Horticulture

SI 56 - 76 - Canned green peas

IS 7837 - 75 - Edible full-fat soya flour

636

Livestock

IS 8103 - 76 - Code for cleaning and sterilization of artificial insemination equipment

IS 8102 - 76 - Recommendations for handling and transport of semen of breeding bulls

MS 3.45-75 - Ground nut meal as feedstuff

MS 3.46 - 75 - Tapioca chips as animal feedstuff

MS 3.42 - 75 - Soya bean meal as animal feedstuff

MS 3.40 - 75 - Bonemeal as an animal feed

639.2

Fisheries

IS 8082 - 76 - Basic requirements for a fish market

IS 2883 - 76 - Dried white baits

643/645

Home. Household equipment

HI 949 - 76 - Hand-held electric gas lighter

NZS 4603 - 76 - Code of practice for installation of low pressure electric water heaters with Cu cylinders

ISO 5086 - 77 - Hand-knotted carpets-sampling

IS 2095-77 - Carpets-Determination of mass of effective pile/unit area

MS 2.22 - 75 - Machine made textile floor coverings-Sampling

SABS 1101 - 76 - Tufted carpeting for domestic use

SI 952 - 76 - Bed clothes: pillow sizes

BS PAS 17 - 74 - Sheeting, sheets and pillow slips

BS PAS 19-75 - Towels and napkins

SI 948 - 76 - Ceramic bidets

648

Washing, Laundering

- SI 438 - 76 - Washing powders based on synthetic surface-active agents
- SABS 1044 - 76 - Industrial laundry detergent
- BS PAS 13 - 74 - Laundry detergent
- BS PAS 12 - 74 - General purpose liquid detergent
- BS PAS 14 - 74 - Abrasive cleaning paste
- BS PAS 15 - 74 - Scouring powder Floor
- BS PAS 9 - 74 - Metallized polymer/polish

651

Office management

- ISO 3535 - 77 - Forms design sheet and layout chart
- IS 3499 Part 2 - 76 - Metal chairs for office purposes pt. 2 Revolving and tilting
- SI 777 - 76 - Envelopes

655

Printing, Publishing, Book Trade.

- IS 7160 pt. 2 - 74 - Guide for print area, margins/type sizes for text books Part 2-Hindi and
- ISO 3388 - 77 - Patent documents - Bibliographic references
- AS 1906 pt. - 76 - Retroreflective materials and devices

66

Chemical Industry, Chemical Technology

- BS 5309 pt. 2 - 76 - Methods for sampling chemical products. pt. 2. sampling of gase
- BS 5339 - 76 - Method of measurement of colour in Hazen units (Platinum - cobalt scale) of liquid chemical products
- BS 5309 pt. 3 - 76 - Methods for sampling chemical/ products pt. 3. Sampling of liquids
- BS 5309 pt. 4 - 76 - Methods of sampling chemical products pt. 4. Sampling of solids
- BS 5309 - 76 - Methods of sampling chemical products pt. 1. Introduction and general principles

661.185 Surface active products

ISO 4313 - 76 - Washing powders - determination of total phosphorus (v) oxide content

ISO 4320 - 77 - Non-ionic surface active agents - Cloud point index

ISO 4322 - 77 - Non-ionic surface active agents - Sulphated ash

ISO 4314 - 77 - Surface active agents - free alkalinity or free acidity

ISO 4315 - 77 - Surface active agents - determination of alkalinity

ISO Tech. ep. 896-77 - Surface active agents - scientific classification

SI 438 - 76 - Washing powders based on synthetic surface active agents

AS 1792 - 76 - Surfactants - determining biodegradability

IS 7983 - 76 - Cleaning, solution, porcelain

BS PAS 12 - 74 - Liquid detergent, general purpose

BS PAS 16 - 74 - Gel type hand cleaner

BS PAS 14 - 74 - Abrasive cleaning paste

BS PAS 13 - 74 - Laundry detergent

BS PAS 15 - 74 - Scouring powder

SABS 1044 - 76 - Industrial laundry detergent

AS 1877 - 76 - Toilet soap

SABS 1045 - 76 - Toilet soap, superfatted

AS 1878 - 76 - Laundry tablet or bar soap

661.4 Halogens. Halides

BS 3947 - 76 - Liquid chlorine

ISO 905 - 76 - Hcl for industrial use - Hcl concentration by density measurement

ISO 907 - 76 - Hel for industrial use - sulphated ash

ISO 906 - 76 - Hel for industrial use - sulphated content

ISO 904 - 76 - Hel for industrial use - total acidity

SABS 295 - 76 - Calcium hypochloride and chlorinated lime

SABS 296 - 76 - Sodium hypochlorite solution

BS 5365 - Hydrogen fluoride for industrial use pt. 1. Sampling

BS 5365 pt. 2 - 76 - Hydrogen fluoride for industrial use pt. 2 Volatile acid cont.

BS 5366 - Hydrofluoric acid for industrial use - sampling and tests

661.63

Phosphorus compounds

ISO 3709 - 76 - Phosphoric acid for industrial use - nitrogen content

ISO 3708 - 76 - Phosphoric acid for industrial use - chloride content

ISO 3706 - 76 - Phosphoric acid for industrial use - phosphorus oxide content

ISO 3707 - 76 - Phosphoric acid for industrial use - calcium content

ISO 3360 - 76 - Phosphoric acid and sodium phosphate for industrial use - fluorin content

BS 4258/6 - 76 - Methods of test for phosphoric acid

ISO 851 - 76 - Sodium tripolyphosphate for industrial use - ph det.

ISO 853 - 76 - Sodium tripolyphosphate for industrial use - loss on ignition

ISO 850 - 76 - Sodium tripolyphosphate for industrial use - matter soluble in water

661.7

Organic substances

ISO 761 - 77 - Acetic anhydride and butan-1-ol for industrial use

ISO 1869 - 1977 - Methylene chloride for industrial use

ISO 1870 - 77 - Chloroform for industrial use

ISO 1697 - 77 - Chlorobenzene for industrial use

ISO 1695 - 77 - O-Chlorotoluene for industrial use

ISO 1696 - 77 - P-chlorotoluene for industrial use

ISO 1699 - 77 - d-dichlorobenzene for industrial use

ISO 1698 - 77 - O-Dichlorobenzene for industrial use

ISO 3363 - 76 - Fluorochlorinated hydrocarbons for industrial use

661.72

Alcohols & derivatives

ISO 1394 - 77 - Liquid halogenated hydrocarbons for industrial use

IS 2631 - 76 - isopropyl alcohol

661.726/.727 Ethers, Aldehydes and ketones

ISO 1391/1 - 76 - p-formaldehyde - methods of test

ISO 1391/4 - 76 - p-formaldehyde - water insoluble matter

ISO 1391/3 - 76 - p-formaldehyde - iron content determination

ISO 1391/2 - 76 - p-formaldehyde - determination of ash

IS 170 - 76 - Acetone

661.73 Organic acids, salts and esters

ISO 1839/1 - 77 - Phthalic anhydride - methods of test (general)

ISO 1839/3 - 77 - phthalic anhydride - measurement of colour stability

ISO 1839/2-77 - phthalic anhydride - Measurement of colour molten material

ISO 1839/4 - 77 - phthalic anhydride - colour after treatment with H_2SO_4

ISO 1389/5 - 77 - phthalic anhydride - free acidity

ISO 1389/6 - 77 - phthalic anhydride - phthalic anhydride content

ISO 1389/7 - 77 - phthalic anhydride - Maleic anhydride content

ISO 1389/8 - 77 - phthalic anhydride - ash determination

ISO 1389/9 - 77 - phthalic anhydride - impurities oxidisable in cold

ISO 1389/10 - 77 - phthalic anhydride - determination of 1,4 - naphthaquinone content

ISO 1389/11 - 77 - phthalic anhydride - determination of iron content

ISO 1385/1 - 77 - phthalate esters for industrial use

ISO 1385/2 - 77 - Phthalate esters for - colour after heat treatment

ISO 1385/3 - 77 - Phthalate esters for - determination of ash

ISO 1385/4 - 1977 - Phthalate esters for - acidity to phenolphthalein

ISO 1385/5 - 77 - Phthalate esters for - esters content

661.732 Monobasic acids and their esters

- ISO 731/1 - 77 - Formic acid - Methods of test - general
- ISO 731/2 - 77 - Formic acid - total acidity
- ISO 731/3 - 77 - Formic acid - content of other acids
- ISO 731/4 - 77 - Formic acid - visual limit test for inorganic chlorides
- ISO 731 - 77 - Formic acid - visual limit test for inorganic sulphates
- ISO 731/6 - 77 - Formic acid - iron content

661.83 Alkali metal components

- ISO 3698 - 76 - Potassium hydroxide - determination of calcium and magnesium content
- ISO 420-76 - photographic grade potassium bromide
- ISO 1691 - 76 - Sodium and potassium silicate - carbonate content
- ISO 3697 - 76 - Sodium hydroxide - calcium and magnesium content

- ISO 3431 - 76 - Sodium fluoride - sulphate content
- ISO 4281 - 77 - Sodium hexafluoride - free acidity content
- ISO 3429 - 76 - Sodium fluoride - iron content
- ISO 3430 - 76 - Sodium fluoride - silica content
- IS 574 - 75 - Glassy sodium metaphosphate, technical
- ISO 418 - 76 - Photographic grade sodium sulphite, anhydrous
- ISO 418 - 76 - Photographic grade sodium sulphite, anhydrous
- ISO 424 - 76 - Photographic grade sodium carbonate, anhydrous
- ISO 3942 - 76 - Photographic grade sodium carbonate monohydrate
- ISO 3943 - 76 - Photographic grade sodium acetate, anhydrous
- IS 7729 - 75 - Sodium monochloroacetate

662.1/.2 Explosives. Fuels.

IS 8063 - 76 - Lead lead for explosive and pyrotechnic industry

IS 7886 - 75 - Barium chromate for explosive and pyrotechnic industry

NZS 4403 - Code of practice for storage, handling and use of explosives

662.53 Matches

SABS 1148 - 77 - Wooden safety matches

SI 282 - 75 - Wood safety matches

662.6 Fuels. Combustion. Heat economy.

ISO 1928 - 76 - Solid mineral fuels - determination of gross calorific value

BS 1016/10 - 77 - Methods for analysis and testing of coal and coke. pt. 10 arsenic in coal and coke

BS 1016/8 - 77 - Methods for analysis and testing of coal and coke. part 8. Chlorine in coal and coke

BS 1017/1 - 77 -
Methods for analysis and testing of coal and coke. pt. 1 Sampling of coal.

BS 1016/5 - 77 - Methods for analysis and testing of coal and coke. pt. 5. Gross calorific value of coal and coke.

BS 1016/7 - 77 - Methods for analysis and testing of coal and coke. pt. 7. Ultimate analysis of coke

ISO 1170-77 - Coal and coke - calculation of analysis to different bases

ISO 1994 - 76 - Coal and coke - Determination of oxygen content

IS 436 pt. 1/Sec. 2-76 - Coal and coke - pt. 1. Sampling of coal

AS 1661 - 77 - Float and sink testing of hard coal

AS 1898 - 76 - Methods for the sampling of coke

IS 7929 - 75 - Methods for determination of electrical resistivity of chemical coke

662.7 Thermally or chemically produced fuels

BS 135, 458, 805 - 77 - Benzene, xylenes and toluenes

AS 1507 - 76 - Road taxes for pavements

JIS K 2450 - 76 - Phenol

JIS K 2471 - 76 - Tar pitch

- AS 1940 - 76 - SAA flammable and combustible liquids code
- BS 5410/1 - 77 - Code of practice for oil firing
- SI 90 - 76 - Hydrocarbons fuels - benzene
- ISO 3830 - Petroleum products - gasoline - determination of lead content
- AS 1533 - 76 - Portable plastics fuel tanks for boats
- AS 1534 - 76 - Portable plastics fuel containers
- IS 7667 - 75 - Code of practice for handling and storage of aviation fuels at airfield fuelling stations
- BS 2049 - 76 - Kerosine lighting appliances for domestic use
- SABS 0131/1 - 77 - The storage and handling of liquid fuel. Part. 1. Small consumer installations
- BS 5314/2 - 76 - Gas heated catering equipment part 2. Boiling burners
- BS 5314/7 - 76 - Gas heated catering equipment part 7. Water boilers
- BS 5314/3 - 76 - Gas heated catering equipment part 5. Steaming ovens
- BS 5314/1 - 76 - Gas heated catering equipment part 1. Ovens
- BS 5314/3 - 76 - Gas heated catering equipment part 3. Grillers and toasters
- BS 5314/6 - 76 - Gas heated catering equipment part 6. bulk liquid heaters
- SABS 087 - 75 - The handling, storage and distribution of LPG in domestic, commercial and industrial installations

662.998

Heat insulation

- IS 8183 - 76 - Bonded mineral wool
- SI 751 - 76 - Mineral wool for thermal insulation
- IS 8178/1 - 76 - ISO series 1 Thermal containers
- IS 8178/2 - 76 - ISO series 1 Thermal containers part 2. testing
- IS 8154 - 76 - Preformed calcium silicate insulation
- JIS A 9513 - 69 - Rigid foam rubber heat insulating material

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Beverages, Stimulants

- IS 8140 - 76 - Guide for selection of panel for sensory evaluation of foods and beverages
- ISO 3835 - 76 - Equipment for vine cultivation and wine making
- IS 4448 - 76 - Whiskies
- IS 8032 - 76 - Guide for treatment of distillery effluents
- IS 3811 - 76 - Rum
- SI 859/2 - 75 - Test methods for ice cream: microbiology tests
- ISO 3728 - 77 - Ice-cream and mild ice - determination of total solids content
- SABS 0128 - 76 - Code of practice for the cleaning and disinfection of soft - serve dispensing units
- BS 5456 - 77 - Glossary of terms relating to coffee and its products
- MS 3.48 - 75 - Malaysian black tea
- ISO 1839/2 - 76 - Tea sampling Part 2. Sampling from small containers
- MS 3.47 - 75 - Method of sampling of tea packed in containers
- ISO 2881 - 77 - Tobacco and tobacco products - determination of alkaloids
- ISO 3401 - 77 - Tobacco and tobacco products - Determination of alkaloid retention by filters of cigarettes
- BS 5202/3 - 76 - Methods for chemical analysis of tobacco and tobacco products part 3. Expression of analytical results
- ISO 3400 - 76 - Tobacco and tobacco products - determination of alkaloids in cigarette smoke condensate

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Food industries, preservation

- IS 8168 - 76 - Method for determination of available lysine in foods
- IS 6273/3 - 75 - Guide for sensory evaluation of foods. part 3. Statistical analysis of data
- IS 7908 - 75 - Sulphur dioxide, food grade
- IS 7928 - 75 - Alginic acid, food grade
- IS 7905 - 75 - Calcium alginate, food grade

664.1

Sugar Industry

- IS 8236 - 76 - Plates for cane carriers
- IS 8124 - 76 - Code of hygienic conditions for sale of sugarcane juice
- SI 38 - 76 - Sesame halvah
- IS 1152 - 76 - Icing sugar

664.2

Starches

- IS 4287 - 76 - Glossary of terms relating to starch
- BS 4628/2 - 76 - Starch Part 2. Determination of ash
- ISO 3947 - 77 - Starches native or modified - fat content
- IS 1005 - 76 - Edible maize starch (Corn flour)

664.3

Edible and cooking fats and oils

- ISO 3960 - 77 - Animal and vegetable oils and fats - determination of peroxide value
- IS 7815 - 75 - Method for estimation of amino acids in foods
- IS 8222 - 76 - Edible leaf protein concentrate
- IS 8212 - 76 - Edible groundnut protein isolate
- IS 8211 - 76 - Edible soya protein isolate

664.5

Spices and condiments

- IS 7997 - 76 - Guide for tasting products of intense flavour
- SI 797 - 75 - Curried sweet peppers in vinegar
- IS 8105 - 76 - Method for sensory evaluation of pungency of black pepper by scoville heat units
- IS 8104 - 76 - Method of test for pungency of chillies by scoville heat units

664.6

Baking, bread and flour confectionery

- SI 945 - 76 - Polyethylene bags for bakery goods
- IS 8162 - 76 - Method for determination of wet gluten in wheat flour
- IS 7335 - 75 - Edible wheat-fat cake flour
- IS 4684 - 75 - Edible groundnut flour - regular pressed
- IS 4875 - 75 - Edible groundnut flour - extract extracted
- IS 7837 - 75 - Edible full-fat gyp. flour

IS 7836 - 75 - Edible low-fat soya flour

664.8

Preservation. Fruit and vegetable produce

IS 8077 - 76 - Procedure for checking temperature of quick-frozen foods

IS 7688/3 - 76 - Code of practice for labelling of pre-packaged foods part 3 - nutritional labelling

SI 926 - 75 - Fruit and vegetable products preserved with preservatives

SI 908 - 74 - Frozen corn

SI 939 - 75 - Frozen peas

ISO 3659 - 77 - Fruit and vegetables - ripening after cold storage

IS 7961 - 75 - Code of practice for safe use of styrene polymers in contact with food stuffs - pharmaceuticals and drinking water

IS 7688/2 - 76 - Code of practice for labelling of prepackaged foods. part 2. Guidelines on claims

BS 4288/10 - 76 - Fruit and vegetable products - determination of tin

SI 718 - 75 - Canned mixed citrus fruit segments

664.9

Preservation of animal produce

BS 5393/1 - 76 - Methods for microbiological examination of meat and meat products - colony count at 30°C.

BS 5348/1 - 76 - Meat and meat products. part 1. Taking primary samples

IS 8182 1 - 76 - Code of hygienic conditions for processed meat products

IS 4303/2 - 75 - Code of hygienic conditions for fish industry. part 2. Canning stage

IS 3849 - 76 - Mackerel canned in brine

IS 4304 - 76 - Tuna canned in oil

IS 8076 - 76 - Frozen cuttle fish and squid

IS 2883 - 76 - Dried white baits

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Oils, Fats, Waxes

665.1/3

Natural oils, fats, waxes

MS 3.32 - 75 - Method of sampling and test for oils and fats

BS 684/2.8 - 77 - Fats and fatty oils section

2.8 - determination of total neutral oils

BS 684/2.6 - 77 - Fats and fatty oils section

2.6 - determination of saponification value

BS 684/2.5 - 77 - Fats and fatty oils section

2.5 - determination of dissolved soap alkalinity

ISO 771 - 77 - Oilseed residues - determination of moisture and volatile matter content

ISO 749 - 77 - Oilseed residues - determination of total ash

ISO 735 - 77 - Oilseed residues - determination of ash insoluble in Hcl

665.3

Vegetable oils, fats, waxes, phosphatids

ISO 665 - 77 - Oilseeds - determination of moisture and volatile matter content

ISO 664 - 77 - Oilseeds - determination of contract samples to analysis samples

IS 77 - 76 - Linseed oil, boiled, for paints

IS 79 - 76 - Linseed stand oil for paints

IS 8361 E - 77 - Palm olein

IS 832E - 77 - Palm oil