

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### CED 53 : Cement Matrix Products

**Scope:** STANDARDIZATION IN THE FIELD OF PRECAST CONCRETE PRODUCTS, CONCRETE PIPES, CONCRETE POLES AND FIBRE REINFORCED CEMENT PRODUCTS.

**Liaison:** **ISO TC-77 (O):** *Products in fibre reinforced cement*

### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 11267:1985 <i>Reviewed In : 2020</i>	Method of test for length distribution (Wet Classification Of Fibre Length) of chrysotile asbestos fibre using turner and newall classifier	August, 2020	-	Indigenous
2	IS 11275:1985 <i>Reviewed In : 2020</i>	Method of test for determination of crudiness and grit content of asbestos fibre	August, 2020	-	Indigenous
3	IS 11276:1985 <i>Reviewed In : 2020</i>	Method of test for determination of openness or fiberization of chrysotile asbestos fibre by air permeability method using rapid surface area apparatus	August, 2020	-	Indigenous
4	IS 11450:2006 <i>Reviewed In : 2021</i>	Method for determination of airborne asbestos fibre concentration in work environment by light microscopy (Membrane Filter Method) (First Revision)	July, 2021	-	Indigenous
5	IS 11451:1986 <i>Reviewed In : 2020</i>	Recommendations for safety and health requirements relating to occupational exposure to asbestos	August, 2020	1	Indigenous
6	IS 11707:1986 <i>Reviewed In : 2020</i>	Glossary of terms relating to asbestos	August, 2020	-	Indigenous
7	IS 11767:2005 <i>Reviewed In : 2020</i> Reaffirmed but not taken up for revision	Recommendations for cleaning of premises and plants using asbestos fibres (First Revision)	August, 2020	-	Indigenous
8	IS 11768:1986 <i>Reviewed In : 2020</i>	Recommendations for disposal of asbestos waste material	August, 2020	1	Indigenous
9	IS 11769 (Part 1):1987 <i>Reviewed In : 2022</i>	Guidelines for safe use of products containing asbestos: Part 1 asbestos cement products	January, 2022	1	Indigenous
10	IS 11769 (Part 2):2005 <i>Reviewed In : 2021</i>	Guidelines for safe use of products containing asbestos: Part 2 friction materials (First Revision)	February, 2021	-	Indigenous
11	IS 11769 (Part	Guidelines For Safe Use Of	March, 2022	-	Indigenous

	3):1986 <a href="#">Reviewed In : 2022</a>	Products Containing Asbestos: Part 3 Non-cement Asbestos Products Other Than Friction Materials			
12	IS 11770 (Part 1):1987 <a href="#">Reviewed In : 2022</a>	Recommendations for control of emission of asbestos dust in premises manufacturing products containing asbestos: Part 1 asbestos cement products	January, 2022	1	Indigenous
13	IS 11770 (Part 2):2006 <a href="#">Reviewed In : 2021</a> <a href="#">11770-2:2018</a>	Recommendations for control of emission of asbestos dust in premises manufacturing products containing asbestos: Part 2 friction materials (First Revision)	February, 2021	-	Identical under single numbering
14	IS 11770 (Part 3):1987 <a href="#">Reviewed In : 2022</a> <a href="#">ISO/IEC 11770-3:2008</a>	Recommendations For Control Of Emission Of Asbestos Dust In Premises Manufacturing Products Containing Asbestos: Part 3 Non-cement Asbestos Products Other Than Friction Materials	January, 2022	-	Identical under dual numbering
15	IS 12078:1987 <a href="#">Reviewed In : 2022</a>	Recommendations for personal protection of workers engaged in handling asbestos	January, 2022	2	Indigenous
16	IS 12079:1987 <a href="#">Reviewed In : 2022</a>	Recommendations for packaging, transport and storage of asbestos	January, 2022	-	Indigenous
17	IS 12080:1987 <a href="#">Reviewed In : 2022</a>	Recommendations for local exhaust ventilation systems in premises manufacturing products containing asbestos	January, 2022	-	Indigenous
18	IS 12081 (Part 1):1987 <a href="#">Reviewed In : 2022</a>	Recommendations for pictorial warning signs and precautionary notices for asbestos and products containing asbestos: Part 1 workplaces	January, 2022	1	Indigenous
19	IS 12081 (Part 2):1987 <a href="#">Reviewed In : 2022</a>	Recommendations for pictorial warning signs and precautionary notices for asbestos and products containing asbestos: Part 2 asbestos and its products	January, 2022	1	Indigenous
20	IS 12082 (Part 1):2006 <a href="#">Reviewed In : 2021</a>	Control of asbestos emission - Recommendations: Part 1 mining of asbestos ore (First Revision)	February, 2021	-	Indigenous
21	IS 12082 (Part 2):2006 <a href="#">Reviewed In : 2021</a>	Control of asbestos emission - Recommendations: Part 2 milling of asbestos ore (First Revision)	February, 2021	-	Indigenous
22	IS 12440:1988 <a href="#">Reviewed In : 2020</a>	Specification for precast concrete stone masonry blocks	August, 2020	-	Indigenous
23	IS 12592:2002 <a href="#">Reviewed In : 2023</a>	Precast concrete manhole cover and frame - Specification (First Revision)	January, 2023	2	Indigenous
24	IS 13000:1990 <a href="#">Reviewed In : 2020</a>	Silica-asbestos-cement Flat Sheets -	August, 2020	1	Indigenous
25	IS 13008:1990 <a href="#">Reviewed In : 2020</a>	Shallow corrugated asbestos cement sheets -	August, 2020	1	Indigenous
26	IS 13158:1991 <a href="#">Reviewed In : 2022</a>	Prestressed concrete circular spun poles for overhead power, traction and telecommunication lines -	January, 2022	-	Indigenous
27	IS 1332:1986 <a href="#">Reviewed In : 2020</a>	precast reinforced concrete street lighting poles	August, 2020	-	Indigenous
28	IS 13356:1992	Precast Ferrocement Water Tanks	January, 2022	-	Indigenous

	Reviewed In : 2022	up to 10000 Litres Capacity -			
29	IS 14862:2000 Reviewed In : 2020 ISO 490:1994 ISO 8446:2017	Fibre cement flat sheets - specification	August, 2020	3	Not Equivalent
30	IS 14871:2000 Reviewed In : 2020 ISO 490:1994 ISO 10904:2011	Products in fibre reinforced cement - Long corrugated or asymmetrical section sheets and fittings for roofing and cladding - Specification	August, 2020	2	Not Equivalent
31	IS 15155:2020	Bar/Wire Wrapped Steel Cylinder Pipes with Mortar Lining and Coating (Including Specials) â€” Specification (First Revision)		1	Indigenous
32	IS 1592:2003 Reviewed In : 2023	Asbestos cement pressure pipes and joints - Specification (Fourth Revision)	November, 2023	3	Indigenous
33	IS 1626 (Part 1):1994 Reviewed In : 2020	Asbestos cement building pipes and pipe fittings, gutters and gutter fittings and roofing fitting: Part 1 pipe and pipe fittings (Second Revision)	August, 2020	-	Indigenous
34	IS 1626 (Part 2):1994 Reviewed In : 2020	Asbestos cement building pipes and pipe fittings, gutters and gutter fittings and roofing fittings: Part 2 gutter and gutter fittings) (Second Revision)	August, 2020	1	Indigenous
35	IS 1626 (Part 3):1994 Reviewed In : 2020 Reaffirmed but not taken up for revision	Asbestos Cement Building types and Pipe Fittings, Gutters and Gutter Fittings and Roofing Fittings - Part 3 : Roofing Fittings	August, 2020	-	Indigenous
36	IS 16720:2018 Reviewed In : 2023	Pulverized Fuel Ash-Cement Bricks- Specification	April, 2023	2	Indigenous
37	IS 1678:1998 Reviewed In : 2023	Prestressed concrete poles for overhead power traction and telecommunication lines - Specification (Second Revision)	November, 2023	-	Indigenous
38	IS 17452:2020	Use of Alkali Activated Concrete for Precast Products - Guidelines		-	Indigenous
39	IS 17725:2022	Precast Concrete Circular Manhole - Specification		-	Indigenous
40	IS 17908:2023	Fibre Cement Sheet - Lightweight Concrete Sandwich Panels - Specification		-	Indigenous
41	IS 18661:2024	Precast Concrete Grating - Specification		-	Indigenous
42	IS 1916:2018 Reviewed In : 2023	Steel cylinder pipes with concrete lining and coating - Specification (Second Revision)	September, 2023	-	Indigenous
43	IS 2096:1992 Reviewed In : 2022	Asbestos cement flat sheets - Specification (First Revision)	January, 2022	1	Indigenous
44	IS 2098:1997 Reviewed In : 2022	Asbestos cement building boards - Specification (First Revision)	January, 2022	-	Indigenous
45	IS 2174:1962 Reviewed In : 2023	Specification for reinforced concrete dust bins	January, 2023	-	Indigenous

46	IS 2185 (Part 1):2005 <a href="#">Reviewed In : 2020</a>	Concrete masonry units - Specification: Part 1 hollow and solid concrete blocks (Third Revision)	August, 2020	-	Indigenous
47	IS 2185 (Part 2):1983 <a href="#">Reviewed In : 2020</a>	Specification for concrete masonry units: Part 2 hollow and solid lightweight concrete blocks (First Revision)	August, 2020	-	Indigenous
48	IS 2185 (Part 3):1984 <a href="#">Reviewed In : 2020</a>	Concrete Masonry Units Part 3 Autoclaved Cellular Aerated Concrete Blocks	August, 2020	1	Indigenous
49	IS 2185 (Part 4):2008 <a href="#">Reviewed In : 2019</a>	Concrete masonry units - Specification: Part 4 preformed foam cellular concrete blocks	December, 2019	-	Indigenous
50	IS 2193:1986 <a href="#">Reviewed In : 2022</a>	Precast Prestressed Concrete Street Lighting Poles	January, 2022	-	Indigenous
51	IS 2572:2005 <a href="#">Reviewed In : 2020</a>	Construction of hollow and solid concrete block masonry - Code of practice (First Revision)	August, 2020	-	Indigenous
52	IS 2905:1989 <a href="#">Reviewed In : 2022</a>	Concrete poles for overhead power and telecommunication lines - Methods of test (First Revision)	January, 2022	-	Indigenous
53	IS 3007 (Part 1):1999 <a href="#">Reviewed In : 2019</a>	Laying of Asbestos Cement Sheets - Code of Practice - Part 1 : Corrugated Sheets	November, 2019	-	Indigenous
54	IS 3007 (Part 2):1999 <a href="#">Reviewed In : 2019</a>	Laying of Asbestos Cement Sheets Code of practice - Part II : Semi-Corrugated Sheets	November, 2019	-	Indigenous
55	IS 3597:1998 <a href="#">Reviewed In : 2023</a>	Concrete pipes - Methods of test	November, 2023	3	Indigenous
56	IS 3632:1969 <a href="#">Reviewed In : 2022</a>	Method Of Test For Determination Of Wet Volume Of Asbestos Fibre	January, 2022	-	Indigenous
57	IS 4350:1967 <a href="#">Reviewed In : 2022</a>	concrete porous pipes for under-drainage	January, 2022	-	Indigenous
58	IS 458:2021	Precast Concrete Pipes (with and without Reinforcement) -		1	Indigenous
59	IS 459:1992 <a href="#">Reviewed In : 2023</a>	Corrugated and semi - Corrugated asbestos cement sheets - Specification (Third Revision)	January, 2023	4	Indigenous
60	IS 4844:1968 <a href="#">Reviewed In : 2022</a>	Method of sampling and preparation of asbestos fibre for laboratory test purposes	January, 2022	-	Indigenous
61	IS 4996:1984 <a href="#">Reviewed In : 2020</a>	Specification for reinforced concrete fence posts (First Revision)	August, 2020	-	Indigenous
62	IS 5328:1969 <a href="#">Reviewed In : 2022</a>	Method of test for determination of chemical composition of asbestos fibre	January, 2022	-	Indigenous
63	IS 5748:1969 <a href="#">Reviewed In : 2020</a>	Method of test for tensile strength of asbestos fibre	August, 2020	-	Indigenous
64	IS 5751:1984 <a href="#">Reviewed In : 2022</a>	Specification for precast concrete coping blocks (First Revision)	January, 2022	-	Indigenous
65	IS 5758:2020	Precast Concrete Kerbs, Channels, Edging, Quadrants and Other Associated Fittings - Specification ( Second Revision )	-	1	Indigenous
66	IS 5820:2024	PRECAST CONCRETE CABLE COVERS â€™ SPECIFICATION (first revision)		-	Indigenous

67	IS 5913:2003 <a href="#">Reviewed In : 2023</a>	Asbestos Cement Products - Methods of Test	November, 2023	-	Indigenous
68	IS 6041:1985 <a href="#">Reviewed In : 2020</a>	Code of practice for construction of autoclaved cellular concrete block masonry (First Revision)	August, 2020	-	Indigenous
69	IS 6042:1969 <a href="#">Reviewed In : 2020</a>	Code of practice for construction of light - Weight concrete block masonry	August, 2020	-	Indigenous
70	IS 6441 (Part 1):1972 <a href="#">Reviewed In : 2022</a>	Methods of test for autoclaved cellular concrete products: Part 1 determination of unit weight or bulk density and moisture content	January, 2022	-	Indigenous
71	IS 6441 (Part 2):1972 <a href="#">Reviewed In : 2022</a>	Methods of test for autoclaved cellular concrete products: Part 2 determination of drying shrinkage	January, 2022	-	Indigenous
72	IS 6441 (Part 4):1972 <a href="#">Reviewed In : 2022</a>	Methods of test for autoclaved cellular concrete products: Part 4 corrosion protection of steel reinforcement in autoclave cellular concrete	January, 2022	-	Indigenous
73	IS 6441 (Part 5):1972 <a href="#">Reviewed In : 2022</a>	Methods of test for autoclaved cellular concrete products: Part 5 determination of compressive strength	January, 2022	-	Indigenous
74	IS 6441 (Part 6):1973 <a href="#">Reviewed In : 2022</a>	Methods of test for autoclaved cellular concrete products: Part 6 strength, deformation and cracking of flexural members subjects to bending, short duration loading test	January, 2022	-	Indigenous
75	IS 6441 (Part 7):1973 <a href="#">Reviewed In : 2022</a>	Methods of test for autoclaved cellular concrete products: Part 7 strength, deformation and cracking of flexural members subject to bending sustained loading test	January, 2022	-	Indigenous
76	IS 6441 (Part 8):1973 <a href="#">Reviewed In : 2022</a>	Methods of tests for autoclave cellular concrete products: Part 8 loading tests for flexural members in diagonal tension	January, 2022	-	Indigenous
77	IS 6441 (Part 9):1973 <a href="#">Reviewed In : 2022</a>	Methods of test for autoclaved cellular concrete products: Part 9 jointing of autoclaved cellular concrete elements	January, 2022	-	Indigenous
78	IS 6523:1983 <a href="#">Reviewed In : 2023</a>	Precast Reinforced Concrete Door and Window Frames	January, 2023	2	Indigenous
79	IS 6530:1972 <a href="#">Reviewed In : 2022</a>	Code of practice for laying of asbestos cement pressure pipes	January, 2022	1	Indigenous
80	IS 6908:1991 <a href="#">Reviewed In : 2022</a>	Asbestos - Cement pipes and fittings for sewerage and drainage - Specification (First Revision)	January, 2022	1	Indigenous
81	IS 7319:1974 <a href="#">Reviewed In : 2020</a>	perforated concrete pipes	August, 2020	-	Indigenous
82	IS 7321:1974 <a href="#">Reviewed In : 2020</a>	Code of practice for selection, handling and erection of concrete poles for overhead power and telecommunication lines	August, 2020	-	Indigenous
83	IS 7322:1985 <a href="#">Reviewed In : 2020</a>	specials for steel cylinder reinforced concrete pipes	August, 2020	-	Indigenous
84	IS 7639:1975 <a href="#">Reviewed In : 2024</a>	Methods of sampling of asbestos cement products	November, 2024	-	Indigenous

85	IS 783:1985 Reviewed In : 2022	Code of Practice for Laying of Concrete Pipes	January, 2022	2	Indigenous
86	IS 784:2019 Reviewed In : 2024	Prestressed concrete pipes (Including Specials) - Specification (Third Revision)	March, 2024	1	Indigenous
87	IS 785:1998 Reviewed In : 2024	Reinforced concrete poles for overhead power and telecommunication lines - Specification (Second Revision)	November, 2024	-	Indigenous
88	IS 8870:1978 Reviewed In : 2022	Specification for asbestos cement cable conduits and troughs	January, 2022	-	Indigenous
89	IS 9375:1979 Reviewed In : 2022	Precast Reinforced Concrete Plant Guards	January, 2022	-	Indigenous
90	IS 9627:1980 Reviewed In : 2020	Specification for asbestos cement pressure pipes (Light Duty)	August, 2020	-	Indigenous
91	IS 9690:1980 Reviewed In : 2022	Method of test for determination of openness or fiberization of chrysotile asbestos fibre by air permeability method using dyckerhoff apparatus	January, 2022	-	Indigenous
92	IS 9691:1980 Reviewed In : 2022	Metho - D of test for length distribution (wet classification of fibre length) of chrysotile asbestos fibre using bauermcNett classifier	January, 2022	-	Indigenous
93	IS 9745:1981 Reviewed In : 2022	Method for determining strength giving properties of asbestos fibre	January, 2022	-	Indigenous
94	IS 9872:1981 Reviewed In : 2022	Specification for precast concrete septic tanks	January, 2022	-	Indigenous
95	IS 9893:1981 Reviewed In : 2022	Precast Concrete Blocks For Lintels And Sills	January, 2022	1	Indigenous

Standards under Development

Projects Approved		
SI. No.	Doc No.	Title
No Records Found		

Preliminary Draft Standards		
SI. No.	Doc No.	Title
No Records Found		

Drafts Standards in WC Stage		
SI. No.	Doc No.	Title
No Records Found		

Draft Standards Completed WC Stage		
SI. No.	Doc No.	Title
1	CED 53 (27922)	Corrugated and Semi-Corrugated Asbestos Cement Sheets - Specification Third Revision Amendment - 5
2	CED 53 (28247)	Sustainable Practices for Precast Concrete Industries - Guidelines

Finalized Draft Indian Standard		



Sl. No.	Doc No.	Title
No Records Found		

Finalized Draft Indian Standards under Print		
Sl. No.	Doc No.	Title
No Records Found		

Total Published Standards:93	Total Standards Under development:2
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Aspect Wise Report
Product : 45
Code of Practices : 10
Methods of Test : 22
Terminology : 1
Dimensions : 0
System Standard : 0
Safety Standard : 13
Others : 3
Service Specification : 0
Process Specification : 0
Unclassified : 0

Annexure-I :List of Indian Standards Withdrawn/Superseded		
Sl. No.	IS No. & Year	Title
1	IS 784:2001 Reviewed In : 2010 61076-4-108	Prestressed Concrete Pipes Including Fittings -

Annexure-II :List of Indian Product Standards		
Sl. No.	IS No. & Year	Title
1	IS 12440:1988 Reviewed In : 2020	Specification for precast concrete stone masonry blocks
2	IS 12592:2002 Reviewed In : 2023	Precast concrete manhole cover and frame - Specification First Revision
3	IS 13000:1990 Reviewed In : 2020	Silica-asbestos-cement Flat Sheets -
4	IS 13008:1990 Reviewed In : 2020	Shallow corrugated asbestos cement sheets -
5	IS 13158:1991 Reviewed In : 2022	Prestressed concrete circular spun poles for overhead power traction and telecommunication lines -
6	IS 1332:1986 Reviewed In : 2020	precast reinforced concrete street lighting poles
7	IS 13356:1992 Reviewed In : 2022	Precast Ferrocement Water Tanks up to 10000 Litres Capacity -
8	IS 14862:2000 Reviewed In : 2020 ISO 490:1994 ISO 8446:2017	Fibre cement flat sheets - specification
9	IS 14871:2000 Reviewed In : 2020 ISO 490:1994 ISO 10904:2011	Products in fibre reinforced cement - Long corrugated or asymmetrical section sheets and fittings for roofing and cladding - Specification
10	IS 15155:2020	Bar Wire Wrapped Steel Cylinder Pipes with Mortar Lining and Coating Including Specials Specification First Revision
11	IS 1592:2003 Reviewed In : 2023	Asbestos cement pressure pipes and joints - Specification Fourth Revision

12	IS 1626 (Part 1):1994 Reviewed In : 2020	Asbestos cement building pipes and pipe fittings gutters and gutter fittings and roofing fitting Part 1 pipe and pipe fittings Second Revision
13	IS 1626 (Part 2):1994 Reviewed In : 2020	Asbestos cement building pipes and pipe fittings gutters and gutter fittings and roofing fittings Part 2 gutter and gutter fittings Second Revision
14	IS 1626 (Part 3):1994 Reviewed In : 2020 Reaffirmed but not taken up for revision	Asbestos Cement Building types and Pipe Fittings Gutters and Gutter Fittings and Roofing Fittings - Part 3 Roofing Fittings
15	IS 16720:2018 Reviewed In : 2023	Pulverized Fuel Ash-Cement Bricks- Specification
16	IS 1678:1998 Reviewed In : 2023	Prestressed concrete poles for overhead power traction and telecommunication lines - Specification Second Revision
17	IS 17725:2022 ISO 16935: 2007	Precast Concrete Circular Manhole - Specification
18	IS 17908:2023 IEC TS 62600-1-2020	Fibre Cement Sheet - Lightweight Concrete Sandwich Panels - Specification
19	IS 18661:2024	Precast Concrete Grating - Specification
20	IS 1916:2018 Reviewed In : 2023	Steel cylinder pipes with concrete lining and coating - Specification Second Revision
21	IS 2096:1992 Reviewed In : 2022	Asbestos cement flat sheets - Specification First Revision
22	IS 2098:1997 Reviewed In : 2022	Asbestos cement building boards - Specification First Revision
23	IS 2174:1962 Reviewed In : 2023	Specification for reinforced concrete dust bins
24	IS 2185 (Part 1):2005 Reviewed In : 2020	Concrete masonry units - Specification Part 1 hollow and solid concrete blocks Third Revision
25	IS 2185 (Part 2):1983 Reviewed In : 2020	Specification for concrete masonry units Part 2 hollow and solid lightweight concrete blocks First Revision
26	IS 2185 (Part 3):1984 Reviewed In : 2020	Concrete Masonry Units Part 3 Autoclaved Cellular Aerated Concrete Blocks
27	IS 2185 (Part 4):2008 Reviewed In : 2019	Concrete masonry units - Specification Part 4 preformed foam cellular concrete blocks
28	IS 2193:1986 Reviewed In : 2022	Precast Prestressed Concrete Street Lighting Poles
29	IS 4350:1967 Reviewed In : 2022	concrete porous pipes for under-drainage
30	IS 458:2021 ISO 18125 : 2017	Precast Concrete Pipes with and without Reinforcement -
31	IS 459:1992 Reviewed In : 2023	Corrugated and semi - Corrugated asbestos cement sheets - Specification Third Revision
32	IS 4996:1984 Reviewed In : 2020	Specification for reinforced concrete fence posts First Revision
33	IS 5751:1984 Reviewed In : 2022	Specification for precast concrete coping blocks First Revision
34	IS 5758:2020	Precast Concrete Kerbs Channels Edging Quadrants and Other Associated Fittings - Specification Second Revision
35	IS 5820:2024	PRECAST CONCRETE CABLE COVERS SPECIFICATION first revision
36	IS 6523:1983 Reviewed In : 2023	Precast Reinforced Concrete Door and Window Frames
37	IS 6908:1991 Reviewed In : 2022	Asbestos - Cement pipes and fittings for sewerage and drainage - Specification First Revision
38	IS 7319:1974 Reviewed In : 2020	perforated concrete pipes



39	IS 7322:1985 Reviewed In : 2020	specials for steel cylinder reinforced concrete pipes
40	IS 785:1998 Reviewed In : 2024	Reinforced concrete poles for overhead power and telecommunication lines - Specification Second Revision
41	IS 8870:1978 Reviewed In : 2022	Specification for asbestos cement cable conduits and troughs
42	IS 9375:1979 Reviewed In : 2022	Precast Reinforced Concrete Plant Guards
43	IS 9627:1980 Reviewed In : 2020	Specification for asbestos cement pressure pipes Light Duty
44	IS 9872:1981 Reviewed In : 2022	Specification for precast concrete septic tanks
45	IS 9893:1981 Reviewed In : 2022	Precast Concrete Blocks For Lintels And Sills