

## BUREAU OF INDIAN STANDARDS

### Program of Work

#### ETD 10 : Primary Cells And Batteries

Scope: To prepare standards for primary cells and batteries, particularly those relating to specifications, dimensions, performance and guidance on safety matters.

Liaison: **IEC TC-35 (P): Primary cells and batteries**

### Published Standards

S.No	IS No.	TITLE	Reaffirm M-Y	No. of Amds	Eqv.
1	IS 11675 : 1986 <span style="color: green;">Reviewed In : 2024</span> <span style="color: green;">IEC 60086 - 3: 2016</span>	Specification for button cells - Silver oxide	July, 2024	-	Identical under dual numbering
2	IS 15063 : 2001 <span style="color: green;">Reviewed In : 2021</span> <span style="color: green;">IEC 60086-2</span>	Alkaline manganese dioxide cells - Specification	November, 2021	-	Modified/Technically Equivalent
3	IS 18237 : 2023 62281 <span style="color: green;">62281</span>	Safety of Primary and Secondary Lithium Cells and Batteries during Transport		-	Identical under dual numbering
4	IS 2083 : 2024	FLASHLIGHT- SPECIFICATION (Third Revision)		-	Indigenous
5	IS 2083 : 1991 <span style="color: green;">Reviewed In : 2020</span>	Flashlights - Specification (Second Revision)	December, 2020	2	Indigenous
6	IS 6303 : 2018 <span style="color: green;">Reviewed In : 2024</span> <span style="color: green;">IEC 60086-1 : 1982</span>	Primary batteries - General (Second Revision)	June, 2024	-	Modified/Technically Equivalent
7	IS 6303 (Part 4) : 2013 IEC 60086-4 : 2007 <span style="color: green;">Reviewed In : 2022</span> <span style="color: green;">60086-4 : 2019</span>	Primary batteries: Part 4 safety of lithium batteries (Second Revision)	January, 2022	-	Identical under dual numbering
8	IS 6303 (Part 4) : 2023 60086-4 : 2019 <span style="color: green;">60086-4 : 2019</span>	Primary batteries: Part 4 safety of lithium batteries Third Revision		-	Identical under dual numbering
9	IS 6303 (Part 5) : 2023 60086-5 : 2021 <span style="color: green;">60086-5 : 2021</span>	Primary Batteries Part 5 Safety of Batteries with Aqueous Electrolyte		-	Identical under dual numbering
10	IS 8144 : 2018 <span style="color: green;">Reviewed In : 2024</span> <span style="color: green;">IEC 60086-2 : 1972</span>	Multipurpose dry batteries - Specification (Second Revision)	July, 2024	1	Modified/Technically Equivalent

### Standards under Development

### Projects Approved

SI. No.	Doc No.	Title
<i>No Records Found</i>		

### Preliminary Draft Standards

SI. No.	Doc No.	Title
1	ETD 10 (23020) Revision of: IS 6303:2018	PRIMARY BATTERIES GENERAL

### Drafts Standards in WC Stage

SI. No.	Doc No.	Title
1	ETD 10 (24776)	Metal Air Flow Batteries
2	ETD 10 (26064) Revision of: IS 11675:1986	Primary Batteries Part 3 Watch Batteries
3	ETD 10 (26073)	Primary Batteries Part 6 Guidance on Environmental Aspects

### Draft Standards Completed WC Stage

SI. No.	Doc No.	Title
1	ETD 10 (22748)	Multipurpose Dry Batteries Specification Third Revision

### Finalized Draft Indian Standard

SI. No.	Doc No.	Title
<i>No Records Found</i>		

### Finalized Draft Indian Standards under Print

SI. No.	Doc No.	Title
<i>No Records Found</i>		

Total Published Standards:6 Total Standards Under development:5

### Aspect Wise Report

Product : 6  
Code of Practices : 0  
Methods of Test : 1  
Terminology : 0  
Dimensions : 0  
System Standard : 0  
Safety Standard : 0  
Others : 0  
Service Specification : 0  
Process Specification : 0  
Unclassified : 0

### Annexure-I :List of Indian Standards Withdrawn/Superseded

SI. No.	IS No. & Year	Title
1	IS 203 : 1984 Reviewed In : 1987	Dry Batteries For Flashlights
2	IS 2576 : 1975 Reviewed In : 1986	Dry Batteries for Transistor Radio Receivers
3	IS 2652 : 1976	Schedule of terminals for leclanche type primary batteries First Revision

	Reviewed In : 2020	
4	IS 267 : 1976 Reviewed In : 1995	Inert cells
5	IS 268 : 1976 Reviewed In : 1995	Leclanche type sack cells
6	IS 4268 : 1992 Reviewed In : 2003	Air depolarized primary wet cells
7	IS 556 : 1960	Leclanche Type Radio Batteries
8	IS 586 : 1976 Reviewed In : 2015	Leclanche type dry batteries for telecommunications signalling and general purposes
9	IS 6648 : 1972 Reviewed In : 2016	Specification for carbon electrodes for dry cells and batteries
10	IS 7218 : 1974 Reviewed In : 1991	Dry Batteries For Hearing Aids
11	IS 7253 : 1974 Reviewed In : 1991	Dry batteries for photoflash equipment
12	IS 9128 : 1999 Reviewed In : 2014	Heavy duty dry batteries

### Annexure-II :List of Indian Product Standards

SI. No.	IS No. & Year	Title
1	IS 11675 : 1986 Reviewed In : 2024 IEC 60086 - 3: 2016	Specification for button cells - Silver oxide
2	IS 15063 : 2001 Reviewed In : 2021 IEC 60086-2	Alkaline manganese dioxide cells - Specification
3	IS 2083 : 2024	FLASHLIGHT- SPECIFICATION Third Revision
4	IS 6303 (Part 4) : 2023 60086-4 : 2019	Primary batteries Part 4 safety of lithium batteries Third Revision
5	IS 6303 (Part 5) : 2023 60086-5 : 2021	Primary Batteries Part 5 Safety of Batteries with Aqueous Electrolyte
6	IS 8144 : 2018 Reviewed In : 2024 IEC 60086-2 : 1972	Multipurpose dry batteries - Specification Second Revision