SMART METERS / IN FORCE

Quality Control Order for smart meters (IS 16444 Part 1 and Part 2)

Smart meters must conform to IS 16444 Part 1 or Part 2 and carry the BIS Standard Mark, from six months after the order's publication on July 17, 2023.

THE SMART METERS (Quality Control) Order, 2023 was issued by the Ministry of Commerce and Industry (Department for Promotion of Industry and Internal Trade) as S.O. 3154(E), dated July 14, 2023 and published in the Gazette of India on July 17, 2023. It covers smart meters against two parts of IS 16444: Part 1, titled A.C. Static Direct Connected Watt Hour Smart Meter Class 1 and 2, and Part 2, titled A.C. Static Transformer Operated Watthour and Var-Hour Smart Meters, Class 0.2S, 0.5S and 1.0S.

KEY FACTS

ORDER

Smart Meters (Quality Control) Order, 2023

CAME INTO FORCE

Six months from the date of publication of the notification (published July 17, 2023)

WHERE IT STANDS

In force

REFERENCES

S.O. 3154(E)	In force

STANDARDS 2

IS 16444 Part 1

A.C. STATIC DIRECT CONNECTED WATT HOUR SMART METER CLASS 1 AND 2

IS 16444 Part 2

A.C. STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR SMART METERS, CLASS 0.2S, 0.5S AND 1.0S

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Smart Meters (Quality Control) Order, 2023 · Ministry of Commerce and Industry (Department For Promotion of Industry And Internal Trade)

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Smart meters must conform to the corresponding standard and bear the Standard Mark under a licence from the Bureau of Indian Standards, as per Scheme-1 of Schedule-II of the Bureau of Indian Standards (Conformity Assessment) Regulations, 2018. The latest version of each standard, with its amendments, applies from the date the Bureau notifies it. The order does not apply to goods manufactured domestically for export.

The order was to come into force six months from the date of publication, and nine months from that date for small enterprises as defined under the Micro, Small and Medium Enterprises Development Act, 2006. The Bureau is the certifying and enforcing authority, and contraventions are punishable under the Bureau of Indian Standards Act, 2016.

The register lists the order as in force, with no later notification on it in this record.

Order	Smart Meters (Quality Control) Order, 2023
Issued by	Ministry of Commerce and Industry (Department For Promotion of Industry And Internal Trade)
Product group	Smart Meters
Where it stands	In force
What it requires	Smart meters must conform to the corresponding Indian Standard, IS 16444 Part 1 or IS 16444 Part 2, and bear the Standard Mark under a licence from the Bureau of Indian Standards. The latest version of the standards, with their amendments, applies from the date the Bureau notifies it.
Certification scheme	Scheme-1 of Schedule-II of the Bureau of Indian Standards (Conformity Assessment) Regulations, 2018
Came into force	Six months from the date of publication of the notification (published July 17, 2023)

Small enterprises	For small enterprises, as defined under the Micro, Small and Medium Enterprises Development Act, 2006 (27 of 2006), nine months from the date of publication of the notification.
Exemptions	Goods or articles manufactured domestically for export
Enforcement	The Bureau of Indian Standards is the certifying and enforcing authority. Any person who contravenes the order is punishable under the provisions of the Bureau of Indian Standards Act, 2016.

The products and their standards

Product	Indian Standard	Title of the standard
Smart Meter	IS 16444 Part 1	A.C. STATIC DIRECT CONNECTED WATT HOUR SMART METER CLASS 1 AND 2
Smart Meter	IS 16444 Part 2	A.C. STATIC TRANSFORMER OPERATED WATTHOUR AND VAR-HOUR SMART METERS, CLASS 0.2S, 0.5S AND 1.0S

Every notification on this order

Date	Notification	Status	What it did
July 17, 2023	S.O. 3154(E) PDF, 652 KB · Gazette	In force	Issued the Smart Meters (Quality Control) Order, 2023, dated July 14, 2023, under section 16 read with section 17 and section 25(3) of the Bureau of Indian Standards Act, 2016, requiring smart meters to conform to IS 16444 Part 1 or Part 2 and bear the Standard Mark under a licence from the Bureau.

Each notification is linked, as a PDF, in the list above.

Where a notification shows "Gazette", that links the Gazette of India's copy; ours was checked against it on October 20, 2026.

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