LABORATORY GLASSWARE / AMENDED

Quality Control Order for laboratory glassware: flasks, pipettes, beakers and cylinders

The Laboratory Glassware (Quality Control) Order, 2023 covers cylinders, flasks, pipettes and beakers, with exemptions for small Udyam-registered makers.

THE LABORATORY Glassware (Quality Control) Order, 2023 was issued by the Ministry of Commerce and Industry (Department for Promotion of Industry and Internal Trade) as S.O. 44(E), dated January 1, 2024, and published in the Gazette of India on January 3, 2024. It covers graduated measuring cylinders (IS 878:2008), one-mark volumetric flasks (IS 915:2012), narrow-necked boiling flasks (IS 1381 (Part 1): 2003), single volume pipettes (IS 1117:2018) and glass beakers (IS 2619:2018).

STANDARDS 5

IS 878:2008

Laboratory glassware - Graduated measuring cylinders

IS 915:2012

Laboratory glassware - One - Mark volumetric flasks

IS 1381 (Part 1): 2003

Laboratory glassware – Narrow-necked boiling flasks

IS 1117:2018

Laboratory glassware – Single volume pipettes

IS 2619:2018

Glass beakers

KEY FACTS

ORDER

Laboratory Glassware (Quality Control) Order, 2023

CAME INTO FORCE

On the expiry of six months from the date of publication of the notification in the Official Gazette (published January 3, 2024); S.O. 775(E) and S.O. 776(E) of February 12, 2026 give the date of implementation as July 2, 2024

WHERE IT STANDS

Amended

REFERENCES

S.O. 777(E)	Amended
S.O. 776(E)	In force
S.O. 775(E)	In force
S.O. 5358(E)	Amended
S.O. 44(E)	In force

Quality Control Order for laboratory glassware: flasks, pipettes, beakers and cylinders

Laboratory Glassware (Quality Control) Order, 2023 · Ministry of Commerce and Industry (Department for Promotion of Industry and Internal Trade)

The Laboratory Glassware (Quality Control) Order, 2023 was issued by the Ministry of Commerce and Industry (Department for Promotion of Industry and Internal Trade) as S.O. 44(E), dated January 1, 2024, and published in the Gazette of India on January 3, 2024. It covers graduated measuring cylinders (IS 878:2008), one-mark volumetric flasks (IS 915:2012), narrow-necked boiling flasks (IS 1381 (Part 1): 2003), single volume pipettes (IS 1117:2018) and glass beakers (IS 2619:2018).

The goods must conform to those standards 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. Goods manufactured domestically for export are excluded. The Bureau is the certifying and enforcing authority, and contraventions are punishable under the Bureau of Indian Standards Act, 2016.

The order came into force on the expiry of six months from publication, with twelve months for micro enterprises and nine months for small enterprises. Notifications of February 12, 2026 record its date of implementation as July 2, 2024.

S.O. 5358(E) of December 10, 2024 exempted, for two years from commencement, goods made by Udyam-registered enterprises with investment up to twenty-five lakh rupees and turnover up to two crore rupees, and up to two hundred research and development imports a year. On February 12, 2026, S.O. 777(E) exempted goods made by Udyam-registered enterprises with investment up to rupees one crore and turnover up to rupees five crore, and S.O. 775(E) and S.O. 776(E) exempted certain consignments shipped or ordered before the date of implementation.

Order	Laboratory Glassware (Quality Control) Order, 2023
Issued by	Ministry of Commerce and Industry (Department for Promotion of Industry and Internal Trade)
Product group	Laboratory Glassware
Where it stands	Amended
What it requires	Laboratory glassware must conform to the corresponding Indian Standards in the Table and bear the Standard Mark under a licence from the Bureau of Indian Standards. The latest version of each standard, including amendments notified by the Bureau, applies.

Certification scheme	Scheme-1 of Schedule-II of the Bureau of Indian Standards (Conformity Assessment) Regulations, 2018
Came into force	On the expiry of six months from the date of publication of the notification in the Official Gazette (published January 3, 2024); S.O. 775(E) and S.O. 776(E) of February 12, 2026 give the date of implementation as July 2, 2024
Small enterprises	As issued, the order comes into force for micro enterprises on the first day of expiry of twelve months from publication, and for small enterprises on the first day of expiry of nine months. S.O. 5358(E) (December 10, 2024) provided that the order does not apply, for up to two years from the date of commencement of the order, to goods manufactured domestically by an enterprise registered on the Udyam portal whose investment in plant and machinery or equipment at original cost does not exceed twenty-five lakh rupees and whose turnover does not exceed two crore rupees for the previous financial year, as certified by a Chartered Accountant. S.O. 777(E) (February 12, 2026) provided that the order does not apply to goods manufactured by an enterprise registered under the Udyam Portal whose investment does not exceed rupees one crore and whose turnover does not exceed rupees five crore for the previous financial year, as certified by a Chartered Accountant.
Exemptions	• Goods or articles manufactured domestically for export • Two hundred numbers of goods or articles imported per year for research and development by manufacturers of laboratory glassware, provided they are not sold commercially, may be disposed of as scrap, and a year-wise record is kept and furnished to the Central Government (S.O. 5358(E)) • Imports in a consignment with a Bill of Lading showing shipment before the date of implementation of the order and a Bill of Entry on or before one hundred and eighty days after that date, subject to the importer giving the Bureau, on its letter head signed by its authorised signatory, a copy of the Bill of Lading, the Bill of Entry and supporting documents within seven days of clearance (S.O. 775(E), February 12, 2026) • Goods for which the purchase order was placed before the date of implementation of the order, where the Bill of Lading and the Bill of Entry are dated on or before one hundred and eighty days from the date the order came into force, subject to the importer giving the Bureau, on its letter head signed by its authorized signatory, a copy of the Purchase Order, the Bill of Lading, the Bill of Entry and

supporting documents within seven days of clearance (S.O. 776(E), February 12, 2026)

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
Laboratory Glassware	IS 878:2008	Laboratory glassware - Graduated measuring cylinders
Laboratory Glassware	IS 915:2012	Laboratory glassware - One - Mark volumetric flasks
Laboratory Glassware	IS 1381 (Part 1): 2003	Laboratory glassware – Narrow-necked boiling flasks
Laboratory Glassware	IS 1117:2018	Laboratory glassware – Single volume pipettes
Laboratory Glassware	IS 2619:2018	Glass beakers

Every notification on this order

Date	Notification	Status	What it did
February 13, 2026	S.O. 777(E) PDF, 777 KB · Gazette	Amended	Dated February 12, 2026, inserted a proviso in paragraph 2 of this order so that it does not apply to goods manufactured by an enterprise registered under the Udyam Portal whose investment in plant and machinery or equipment at original cost does not exceed rupees one crore and whose turnover does not exceed rupees five crore for the previous financial year, as certified by a Chartered Accountant. The same notification amended seven other Quality Control Orders.
February 13, 2026	S.O. 776(E) PDF, 724 KB · Gazette	In force	Dated February 12, 2026, exempted goods for which the purchase order was placed before the date of implementation of the listed Quality Control Orders, where the Bill of Lading and Bill of Entry are dated on or before one hundred and eighty days from that date. Its Table lists this order with a notification date of January 3, 2024 and a date of implementation of July 2, 2024.
February 13, 2026	S.O. 775(E) PDF, 724 KB · Gazette	In force	Dated February 12, 2026, exempted imports in consignments with a Bill of Lading showing shipment before the date of implementation of the listed Quality Control Orders and a Bill of Entry on or before one hundred and eighty days after that date. Its Table lists this order with a notification date of January 3, 2024 and a date of implementation of July 2, 2024.

December 10, 2024	S.O. 5358(E) PDF, 1.7 MB · Gazette	Amended	The Laboratory Glassware (Quality Control) Amendment Order, 2024, dated December 10, 2024, exempted for up to two years from commencement goods made domestically by Udyam-registered enterprises with investment up to twenty-five lakh rupees and turnover up to two crore rupees. It also exempted two hundred numbers of goods imported per year for research and development by manufacturers of laboratory glassware, subject to conditions.
January 1, 2024	S.O. 44(E) PDF, 1.1 MB · Gazette	In force	Issued the Laboratory Glassware (Quality Control) Order, 2023, dated January 1, 2024, requiring measuring cylinders, volumetric flasks, boiling flasks, pipettes and beakers to conform to five Indian Standards and bear the Standard Mark under a licence from the Bureau of Indian Standards, six months after publication, with later dates for micro and small enterprises.

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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