

Notifications Relating to Electrical and Electronics Products

1st -30th June 2024

Under the WTO’s Agreement on Technical Barriers to Trade, member states for valid reasons are allowed to regulate markets, protect their consumers, preserve their natural resources, using tools such as rules for product weight, size, or packaging; ingredient or identity standards; shelf-life restrictions; and import testing and certification procedures.

However, often these measures result in perceived discrimination against imports in order to protect domestic industries.

The TBT Agreement seeks to ensure that standards, technical regulations, and conformity assessment procedures are non-discriminatory and are applied on a non-discriminatory basis.

This Newsletter captures NTBs notified by WTO members and their relevance to Electric products for June 2024. It also highlights the potential impact of these NTBs on India’s exports.

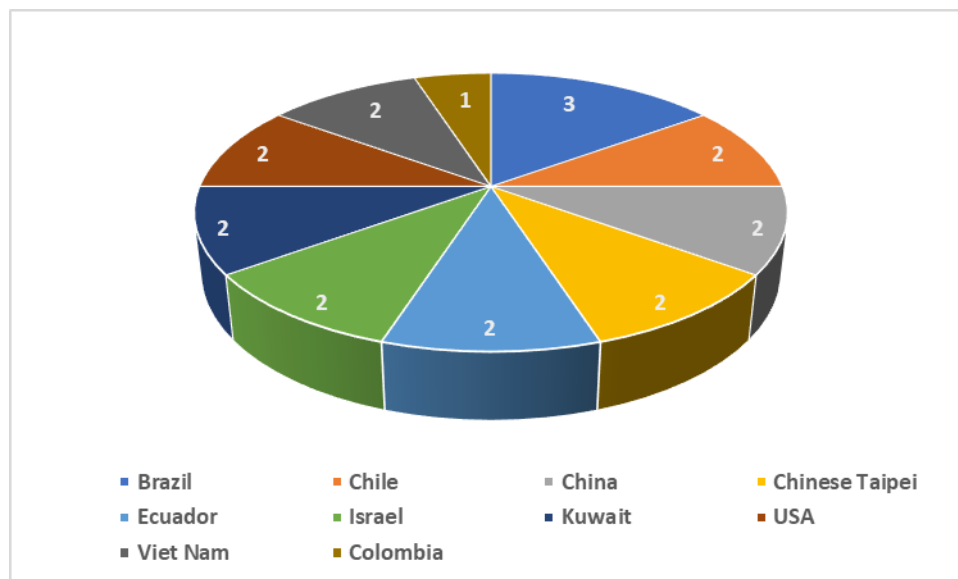
TBT Notifications Issued by WTO Member Countries

The various WTO Member countries issued 265 TBT notifications during June 2024. Of these, 23 are relevant to electronic products.

Country-wise Break-up of NTB Notifications

A review of TBT Notifications relating to electronic products for the month of June 2024 reveals that out of the total 23 notifications, Brazil issued the relatively largest number of Notifications relating to electronic products, numbering 3, followed by Chile (2), China (2), Chinese Taipei (2), Ecuador (2), Israel (2), Kuwait (2), USA (2), Viet Nam (2), Colombia (1) and 3 are other countries notifications, respectively. See Figure 1 for the distribution of TBT Notifications against electrical products.

Figure 1 Distribution of TBT Notifications Against Electric Products



Potential Impact of TBTs Notifications on Electronic Products

Data analysis reveals that Notifications issued by the WTO Member countries in June 2024 could potentially affect India's exports worth US\$ 1393.91 million if appropriate measures are not taken to resolve these issues in time.

At the country level, a review of data reveals that out of the total potential decline in India's exports, Brazil alone would account for a decline in India's exports of over US\$1090.70 million, followed by China at over US\$150.24 million, Chile at over US\$88.15 million, USA at over US\$36.48 million, Chinese Taipei at over US\$17.22 million, Kuwait at over US\$4.94 million, Thailand at over US\$4.71 million, Ecuador at over US\$0.57 million Vietnam at over US\$0.33 million, Colombia at over US\$0.11 million, Israel at over US\$0.08 million. India does not export any of its products to the markets of Costa Rica and Mongolia.

Table 1 describes Notifications and product-wise exports from India to these countries in 2023.

Table 1. Details of Notifications and Their Potential Impact on Exports from India

Sl. No.	Notifying Member	Distribution date	Document symbol	Description	HS code(s)	India's Exports of the product to issuing country (Year 2022) Value in US \$ Million)	Notifying Member country's World Import in 2022 (Value in US\$ Million)
1	Kuwait, the State of	04-06-2024	G/TBT/N/KWT/678	This Kuwait Technical Regulation applies to electronic control devices, a general term to cover electronic switches, home and building electronic systems (HBES) / building automation and control systems (BACS) switches and electronic extension units. It applies to electronic switches and to HBES/BACS switches, for alternating current (AC) only with a rated switching voltage not exceeding 250 V and a rated current not exceeding 16 A, intended for household and similar fixed electrical installations, either indoors or outdoors. It also applies to electronic extension units with a rated supply voltage not exceeding 250 V AC and 120 V DC, such as sensors and push buttons.	8536	4.94	64.07
2	Chinese Taipei	04-06-2024	G/TBT/N/TPKM/539	The BSMI proposes to adopt the updated version of CNS 14400 "Low-voltage three-phase squirrel-cage high-efficiency induction motors (for general purpose)" as the new inspection standard. The conformity assessment procedures remain unchanged.	850152	0.25	117.57

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3	Kuwait, the State of	04-06-2024	G/TBT/N/KWT/679	This Kuwait Technical Regulation specifies requirements for emergency luminaires for use with electrical lamps on emergency power supplies not exceeding 1 000 V.	940549	0.13	21.07
4	Chinese Taipei	05-06-2024	G/TBT/N/TPKM/540	Electric Vehicle Charging Equipment is becoming popular in household and indoor parking environments. In order to ensure the safety of Electric Vehicle Charging Equipment and protect consumer rights, the BSMI proposes to include Electric Vehicle Charging Equipment (less than or equal to 30 kW), which is currently subject to Voluntary Product Certification (VPC) into the scope of mandatory inspection of the BSMI. Two alternative conformity assessment procedures are made available for the choice of applicants, i.e. Registration of Product Certification (RPC) or Type-Approved Batch Inspection (TABI).	85044030	17.22	1763.18
5	Thailand	07-06-2024	G/TBT/N/THA/502/Add.2	The Thai Industrial Standards Institute (TISI) has proposed to withdraw the Ministerial Regulation Prescribing Industrial Products for Portable Power Bank - Safety Requirements to conform to the standard	85044030	4.71	998.64

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				B.E. 2563(2020). This Addendum is to inform that this draft Ministerial Regulation mandates portable power bank to conform to the Thai Industrial Standard TIS 2879-25XX (20XX) Portable Power Bank: Safety Requirements. In this Ministerial Regulation, a portable power bank is defined as any portable energy-storage device containing secondary batteries with charging circuitry having an output voltage not exceeding 20 Vdc, at least one charging port and weight not exceeding 7 kilograms. This draft Ministerial Regulation will come into force after 180 days following the date of its publication in the Government Gazette.			
6	Colombia	10-06-2024	G/TBT/N/COL/119/Add.5	The Republic of Colombia hereby advises that it has issued Resolution No. 40150 of 3 May 2024 of the Ministry of Mining and Energy amending the Technical Regulations on Lights and Street Lighting (RETILAP), which shall be applicable to both indoor and outdoor lighting systems facilities, including street lighting, whether new, expanded or upgraded, public or private. It also applies to	9405	0.11	163.65

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				the products used in those installations, and to natural or legal persons who carry out activities related to the products and installations covered by the Regulations.			
7	United States of America	14-06-2024	G/TBT/N/USA/1679/Add.3	The Federal Trade Commission ("FTC" or "Commission") issues final amendments to its Trade Regulation Rule Relating to Power Output Claims for Amplifiers Utilized in Home Entertainment Products ("Amplifier Rule" or "Rule"). The amendments require sellers making power-related claims to calculate power output using uniform testing methods to allow consumers to easily compare amplifier sound quality; prescribe disclosure language that improves differentiation between power output claims that comply with the Rule's testing methods and those that do not; and modernize as well as clarify Rule language considering the foregoing modifications. Additionally, the amendments formalize prior Commission guidance on applying the Rule to multichannel amplifiers. This Rule is effective on 12 August 2024.	851840	0.09	1411.25

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8	Viet Nam	14-06-2024	G/TBT/N/VNM/308	This draft technical regulation specifies requirements for the technical specifications, safety and management of explosion-proof soft starters with a voltage of up to 6 kV used in underground mines. This draft technical regulation applies to organizations and persons who manufacture, import, test, verify, and use explosion-proof soft starters with a voltage of up to 6 kV used in underground mine in the territory of Vietnam and other relevant organizations and persons.	853530	0.22	10.26
9	Chile	14-06-2024	G/TBT/N/CHL/684	The objective of this Annex is to define the minimum seismic design requirements of the Alternating Current Transmission System facilities, so that they guarantee compliance with the safety and quality of service objectives. The provisions established in this Annex will be applicable to the installations of all Alternating Current transmission systems, that is, STN, STZ, STD, and STPD. The provisions established in this Annex will be applicable to the Electrical Equipment, structures, foundations and civil works	85	84.78	7809.78

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				corresponding to the electrical lines and substations that make up the electrical installations of the Alternating Current Transmission System, including the electric elevator substations. the generation plants that connect to the National Electric System.			
10	Viet Nam	17-06-2024	G/TBT/N/VNM/309	This draft technical regulation specifies requirements for the technical specifications, safety and management of explosion-proof luminaires with a voltage of up to 220 V used in underground mines. This draft technical regulation applies to organisations and persons who manufacture, import, test, verify, and use explosion-proof luminaires with a voltage of up to 220 V used in underground mines in the territory of Vietnam and other relevant organizations and persons. This draft technical regulation does not apply to personal lighting used in underground mines.	9405	0.11	1195.55
11	Ecuador	17-06-2024	G/TBT/N/ECU/536	Low power generating sets of up to 12 kW and 1000 V, powered by alternative internal	850211, 850220	0.52	13.51

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				combustion engines (MCIA).			
12	United States of America	18-06-2024	G/TBT/N/USA/2087/Add.1	The Federal Communications Commission (Commission) announces that the Office of Management and Budget (OMB) has approved until 31 May 2027, an information collection associated with the Commission's Third Report and Order, FCC 23-88 (Order), in which the Commission, among other things, adopted a new rule that provided Participating Commercial Mobile Service (CMS) Providers may support up to two Wireless Emergency Alert (WEA) tests that the public receives by default per county or county equivalent per calendar year. This document is consistent with the Order, which stated the Commission would publish a document in the Federal Register announcing the effective date of the new rules.	8531	36.39	3470.97
13	China	19-06-2024	G/TBT/N/CHN/1864	This document specifies the scope of application, certification criteria, certification mode, certification unit division, certification application, certification	850440	145.66	7486.93

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				<p>implementation, post certification supervision, certification certificate, certification mark, fees, certification responsibilities and certification implementation rules for charger for electric bicycle.</p> <p>This document applies to the compulsory product certification of charger for electric bicycle.</p>			
14	China	19-06-2024	G/TBT/N/CHN/1868	<p>This document specifies the scope of application, certification criteria, certification mode, certification unit division, certification application, certification implementation, post certification supervision, certification certificate, certification mark, fees, certification responsibilities and certification implementation rules for lithium-ion battery for electric bicycle.</p> <p>This document applies to the compulsory product certification of lithium-ion battery for electric bicycle.</p>	850760	4.58	2356.49

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15	Costa Rica	20-06-2024	G/TBT/N/CRI/193/Add.1	The process to establish the equivalence between CSA-C358-03 "Energy Consumption Test Methods for Household Electric Ranges" and Decree No. 43524/Costa Rican Technical Regulation (RTCR) No. 503:2021 is under way. Certain CSA Group models, classes and certification numbers for certified equipment are associated with the validity of this equivalence.	851660	0	22.62
16	Brazil	20-06-2024	G/TBT/N/BRA/1288/Add.1	National Institute of Metrology, Quality and Technology – INMETRO amended Ordinance No. 497, 13 December 2021, which approves the Technical Regulation for Low Voltage Electrical Devices.	85	198.11	28675.35
17	Brazil	21-06-2024	G/TBT/N/BRA/343/R ev.3/Add.1/Corr.4	Correction of subitem 6.1.1.4.1.10, in Annex I of Inmetro Ordinance No. 148, 28 March 2022, published in the Official Gazette of the Union on 31 March 2022, pages 119 to 131, section 1.	84, 85	866.08	63327.91
18	Brazil	21-06-2024	G/TBT/N/BRA/461/R ev.1/Add.6	National Institute of Metrology, Quality and Technology - Inmetro, issued Inmetro Ordinance 215, 5 June 2024 that amends Ordinance 420, 4 October 2021, that	8419, 8514	26.51	700.54

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				approves Technical Quality Regulation and Conformity Assessment Requirements for Solar Water Heating Equipment - Consolidated.			
19	Mongolia	24-06-2024	G/TBT/N/MNG/17	The purpose of the technical regulation is to establish the mandatory specific metrological, technical and operational requirements for electrical measuring instruments (hereinafter referred to as "electrical measuring instruments"), such as measuring transformers and electricity meters for measuring and calculating electrical energy, and to protect the market and consumers from the risk of counterfeit products. This technical regulation covers measuring transformers, active and inactive meters used at the stage of source of energy and electricity transmission and distribution network, and at the consumer level. The technical regulation shall be mandatory followed by and organizations for metrology, citizens and legal entities authorized to manufacture, import, sell, install, repair, to perform type testing and verification of	90289010	0	0.04

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				electricity measuring instruments on the territory of Mongolia.			
20	Chile	26-06-2024	G/TBT/N/CHL/687	This protocol establishes the certification procedure for electric generators or generating sets that operate with liquid fuels, in accordance with the scope and field of application of the UNE-EN ISO 8528-13:2017 standard, and what is indicated below.	8502	3.37	732.48
21	Israel	27-06-2024	G/TBT/N/ISR/1349	Proposed second amendment to the Mandatory Standard SI 60432 part 1. This amendment changes the following: Amends the normative references (Section 2); Deletes the national deviation included in sub-section 2.2.3, dealing with lamps with operating position limitations; Deletes the national Annex A, dealing with the calculation of energy efficiency.	853922, 853929	0.04	1.17
22	Israel	27-06-2024	G/TBT/N/ISR/1350	Proposed second amendment to the Mandatory Standard SI 60432 part 2. This amendment changes the following: Amends the normative references (Section 2); Amends the national deviation included in	853922, 853929	0.04	1.17

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				sub-section 2.2, dealing with marking; Deletes the national Annex A, dealing with the calculation of energy efficiency.			
23	Ecuador	28-06-2024	G/TBT/N/ECU/542	This Ecuadorian technical regulation applies to the following products, whether national or imported, that are marketed in Ecuador: Low voltage switching power supplies (SMPS), powered by voltage sources up to 1000 V AC or 1500 V DC that provide AC and/or DC outputs.	850440	0.06	66.78