

Notifications Relating to Electrical and Electronics Products

1st -31st July 2024

Under the WTO's Agreement on Technical Barriers to Trade (TBT), member states are allowed to regulate markets, protect their consumers, and preserve their natural resources for valid reasons, 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 nondiscriminatory and are applied on a nondiscriminatory basis.

This Newsletter captures NTMs notified by WTO members and its relevance to Electrical and Electronics products for the month of July 2024. It also highlights the potential impact of these NTMs on India's exports.

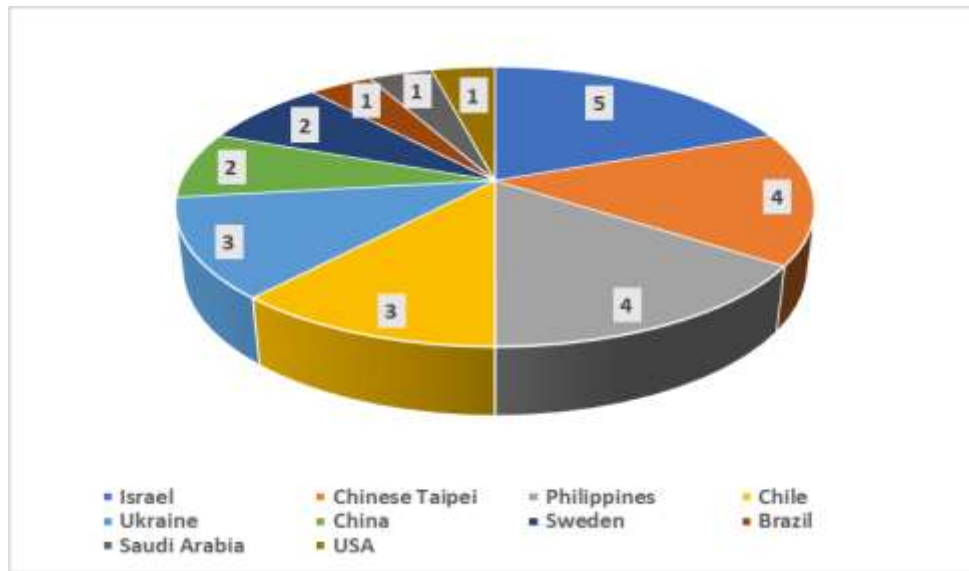
TBT Notifications Issued by WTO Member Countries

A total of 483 TBT Notifications were issued by the WTO Member countries during the month of July 2024. Out of these, 26 notifications are relevant to electrical and electronic products.

Country-wise Break-up of NTMs Notifications

A review of TBT Notifications relating to electrical and electronic products for the month of July 2024 reveals that out of the total 26 notifications, Israel issued the relatively largest number of Notifications relating to electronic products, numbering 5, followed by Chinese Taipei (4), Philippines (4), Chile (3), Ukraine (3), China (2), Sweden (2), Brazil (1), Saudi Arabia (1) and USA (1). See Figure 1 for the distribution of TBT Notifications against electrical and electronic products.

Figure 1 Distribution of TBT Notifications Against Electrical and Electronic Products



Potential Impact of TBT Notifications on Electrical and Electronic Products

Data analysis reveals that Notifications issued by the WTO Member countries in July 2024 could potentially affect India’s exports worth US\$2154.56 million if appropriate measures are not taken to resolve these issues in time.

At the country level, review of data reveal that out of the total potential decline in India’s exports, Saudi Arabia alone would account for a decline in India’s export of over US\$1427.07 million, followed by Israel at over US\$304.48 million, China at over US\$291.32 million, Philippines at over US\$88.96 million, Chinese Taipei at over US\$34.56 million, Ukraine at over US\$3.93 million, Chile at over US\$3.37 million, USA at over US\$0.71 million, Sweden at over US\$0.16 million. India does not export any of its products to the markets of Brazil.

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 Link	Description	HS code(s)	India's Exports of the product to issuing country in 2023 (Value in US \$ Million)	Notifying Member Country's World Import in 2023 (Value in US\$ Million)
1	China	04-07-2024	G/TBT/N/CHN/1876	<p>This document specifies the general safety elements and testing requirements for electric vehicle supply equipment, including the design and production requirements for protecting the safety of supply equipment, users, and the surrounding environment, as well as the instruments and equipment used for compliance testing, test conditions, test sites, test methods, and calculation methods. For independent electrical accessories and auxiliary materials (such as connecting devices, cables, insulation materials, etc.) of supply equipment, they shall be used according to specific product standards in conjunction with this document.</p> <p>This document applies to various types of supply equipment with a rated output voltage of 1000V AC or 1500V DC and below as defined in GB/T 18487.1, including supply equipment in charging mode 2, charging mode 3, and charging mode 4.</p>	85044030	145.66	7486.93

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2	Sweden	04-07-2024	G/TBT/N/SWE/150	The main change in the proposed regulation compared to the previous wording regards 14 § which regulates how electricity produced in power plants connected to a non-concessional grid should be measured. The change implies that electricity sent out on the grid should be measured on a 15-minute basis instead of hourly basis. Equivalent regulation already exists for power plants connected to a concessional grid. The regulatory changes imply a harmonization of rules for the producer no matter the grid connection (non-concessional or concessional). Measuring electricity on a 15-minute basis is already enforced in Commission Regulation (EU) 2017/2195 which establishing a guideline on electricity balancing. This is already implemented in national legislation through the electricity act (1997:857), government ordinance (1999:716) and secondary legislation (2023:1).	902830	0.08	97.06
3	Chinese	04-07-2024	G/TBT/N/TPKM/531	The purpose of this notification is to provide the final texts of "Technical Specification for	8504403,	17.22	1763.18

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	Taipei		/Add.1	the Verification and Inspection of Electric Vehicle Supply Equipment” and relevant dates of its implementation. The draft texts notified in “G/TBT/N/TPKM/531” were adopted without changes.	84044090		
4	China	04-07-2024	G/TBT/N/CHN/1875	This document specifies the general safety principles, the safety of charging interfaces, the safety of AC charging, the safety of DC charging and the corresponding test methods of conductive charging system of electric vehicles. This document applies to AC and DC charging systems of electric vehicles, with a rated voltage on the power grid side not exceeding 1000V AC or 1500V DC and a rated maximum voltage on the electric vehicle side not exceeding 1000V AC or 1500V DC. This document also applies to the safety requirements for charging for electric vehicle charging and discharging systems.	85044030	145.66	7486.93
5	Sweden	04-07-2024	G/TBT/N/SWE/154	The main change in the proposed regulation compared to the previous wording regards Chapter 3, paragraph 3, which regulates how	902830	0.08	97.06

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				<p>electricity produced in power plants connected to a non-concessional grid should be measured. The change implies that electricity sent out on the grid should be measured on a 15-minute basis instead of hourly basis. Equivalent regulation already exists for power plants connected to a concessional grid. The regulatory changes imply a harmonization of rules for the producers no matter the grid connection (non- concessional or concessional). Measuring electricity on a 15-minute basis is already enforced in Commission Regulation (EU) 2017/2195 which establishing a guideline on electricity balancing. This is already implemented in national legislation through the electricity act (1997:857), government ordinance (1999:716) and secondary legislation (2023:1). Measuring electricity on a 15-minute basis in concessional grid for issuing of electricity certificates is already implemented. However, there is yet no regulation regarding measuring on a 15- minute basis in</p>			

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				non-concessional grid.			
6	Saudi Arabia, Kingdom of	10-07-2024	G/TBT/N/SAU/1035/Rev.2	The updating covers the following: - Amendments to Article (1) Terms and Definitions.- Amendments to Article (2) Scope.- Amendments to Article (3) Objectives.- Amendments to Article (4) Supplier Obligations.- Amendments to Article (5) Conformity Assessment Procedures.- Amendments to Article (8) Violations And Penalties.- Amendments to Article (10) Transitional Provisions.- Amendments to Annex(1-A), list of relevant standards.- Amendments to Annex 2: Essential requirements for electric vehicles.- Adding Annex No. (3) Electrical charging connectors.	7009, 8301, 8302, 8501, 8504, 8507, 8511, 8512, 8526, 8527, 8536, 8544, 8702, 8703	1427.07	19767.19
7	Chinese Taipei	10-07-2024	G/TBT/N/TPKM/533/Add.1	The purpose of this notification is to provide the final texts of "Amendments to Technical Specification for Verification and Inspection of Diaphragm Gas Meters" and relevant dates of its implementation. The draft texts notified in G/TBT/N/TPKM/533 were	902810	0.13	69.04

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				adopted with minor changes.			
8	Brazil	12-07-2024	G/TBT/N/BRA/1526/Add.1	National Telecommunications Agency - ANATEL approves the technical requirements for evaluating the conformity of the type of interactive screen product for educational use, as per the annex to this Act.	852852	0.00	32.50
9	Philippines	12-07-2024	G/TBT/N/PHL/314/Add.1	Implementing Guidelines of The Philippine Energy Labelling Program for Display Monitors.	852852, 852859	0.23	97.29
10	Philippines	12-07-2024	G/TBT/N/PHL/318/Add.1	Implementing Guidelines of The Philippine Energy Labeling Program for Television Sets.	852872	0.00	245.69
11	Philippines	12-07-2024	G/TBT/N/PHL/316/Add.1	Implementing Guidelines of The Philippine Energy Labeling Program for Lighting Products.	9405	0.17	214.68
12	Philippines	12-07-2024	G/TBT/N/PHL/313/Add.1	Implementing Guidelines of The Philippine Energy Labeling Program for Energy Saving Devices (ESD) / Low Voltage Saving Devices (LVSD) For Domestic Application.	85	88.56	27145.39
13	Chinese Taipei	15-07-2024	G/TBT/N/TPKM/532/Add.1	The purpose of this notification is to provide the final texts of "Technical Specification for	902820	0.00	0.11

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				the Verification and Inspection of Water Meters" and the relevant dates of its implementation. The draft texts notified in "G/TBT/N/TPKM/532" were adopted without changes.			
14	Chile	23-07-2024	G/TBT/N/CHL/692	The provisions of this Technical Instruction apply to the design, operation, inspection and maintenance of photovoltaic electrical installations connected to the distribution network, with a maximum power not exceeding that specified in Law No. 21.118 or the provisions replacing it, and are intended to lay down the requirements to be fulfilled in the design, operation, inspection and maintenance of photovoltaic electrical installations notified to the Electricity and Fuel Board for connection to the distribution network, with the aims of providing an efficient service, ensuring the safety of persons who operate or use such installations and preserving the physical and operational integrity of the electricity distribution network.	854143	0.00	138.72

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15	Chile	23-07-2024	G/TBT/N/CHL/693	This Technical Instruction establishes general installation and safety requirements for battery energy storage systems (BESS), including both the battery system (BS) itself and the power conversion equipment (PCE) to which it is connected to convert energy and supply other parts of the electrical installation, and is intended to lay down the requirements to be fulfilled in the design, operation, inspection and maintenance of battery energy storage systems in electrical installations notified to the Electricity and Fuel Board, with the aims of providing an efficient service and ensuring the safety of persons who operate or use such installations. The provisions of this Technical Instruction apply both to BESSs connected to mains power, with or without grid feed-in, and to off-grid installations.	8506	0	30.09
16	Chile	23-07-2024	G/TBT/N/CHL/694	The purpose of this Technical Instruction is to provide for the reporting of the energization of distributed generation facilities for self-consumption in accordance with Article 26 of Supreme Decree No.	8502	3.37	732.47

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				57/2019 of the Ministry of Energy approving the Regulation on Distributed Generation for Self-consumption under Law No. 21.118. The provisions of this Technical Instruction apply to the energization reporting process and to the documentation to be submitted when declaring distributed generation facilities by electrical installers accredited by the Electricity and Fuel Board.			
17	Israel	23-07-2024	G/TBT/N/ISR/1331/Rev.1/Add.1	Energy Sources Law (Amendment no. 5) 5784-2024	84, 85	261.66	19641.22
18	Israel	24-07-2024	G/TBT/N/ISR/1353	First Amendment to the Mandatory Standard SI 60968, dealing with self-ballasted fluorescent lamps. This amendment deletes the following sections dealing with energy consumption due to the annulation of Israel's Energy Source Regulations: Deletes a few of the normative references included in Section 2; Deletes the national Section 5.2.202 dealing with energy efficiency label; Deletes Annex C dealing with the calculation of the energy efficiency.	853931, 9405	0.8	266.31

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19	United States of America	24-07-2024	G/TBT/N/USA/508/Rev.1/Add.3	On 28 July 2023, the U.S. Department of Energy ("DOE") published a notice of proposed rulemaking ("NOPR"), in which DOE proposed amended energy conservation standards for consumer water heaters ("July 2023 NOPR" notified as G/TBT/N/USA/508/Rev.1). In this notification of data availability ("NODA"), DOE is updating portions of its analysis for gas instantaneous water heaters. DOE requests comments, data, and information regarding the updated analysis. DOE will accept comments, data, and information regarding this NODA no later than 22 August 2024.	851610	0.71	795.46
20	Israel	24-07-2024	G/TBT/N/ISR/1352	First Amendment to the proposed Mandatory Standard SI 61195 dealing with double-capped fluorescent lamps (Notified on 26 May 2020 in G/TBT/N/ISR/1149). This amendment deletes the following sections dealing with energy consumption due to the annulation of Israel's Energy Source Regulations: Deletes a few of the normative references included in Section 1.2; Deletes the national Section 2.2.202 dealing with	853931, 853932	0	3.12

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				energy efficiency label; Deletes Annex F, which deals with the calculation of energy efficiency.			
21	Israel	24-07-2024	G/TBT/N/ISR/1351	First Amendment to the proposed Mandatory Standard SI 61199, dealing with single-capped fluorescent lamps (Notified on 26 May 2020 in G/TBT/N/ISR/1149). This amendment deletes the following sections dealing with energy consumption due to the annulation of Israel's Energy Source Regulations: Deletes a few of the normative references included in Section 2; Deletes the national Section 4.2.202 dealing with energy efficiency label; Deletes Annex J, which deals with the calculation of energy efficiency.	853932, 853931	0	3.12
22	Israel	24-07-2024	G/TBT/N/ISR/1354	First Amendment to the Proposed Mandatory Standard SI 62368 part 1 (Notified on 1 March 2023 in G/TBT/N/ISR/1245). This amendment deletes the following sections dealing with energy consumption due to the annulation of Israel's Energy Source Regulations: Deletes the Section 2 dealing with the	842230, 8437, 8443, 847010, 8471, 8472, 8476, 850440,	42.02	6836.78

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				normative references; Deletes the national Section 202 dealing with power consumption.	850680, 8517, 8518, 8519, 8521, 8525, 8526, 8527, 8528, 8531, 8536, 9008, 910610, 9207, 9503, 9504, 9505, 9506		
23	Ukraine	30-07-2024	G/TBT/N/UKR/277/Add.1	Ukraine notifies the adoption of the Resolution of the Cabinet of Ministers of Ukraine No 844 "On Approval of the Technical Regulation on Ecodesign Requirements for Electric Motors and Variable Speed Drives" of 23 July 2024. The	850110	0	25.21

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				Resolution was published on 26 July 2024 and will enter into force six months from the date of termination or cancellation of martial law in Ukraine. It is established that placement on the market and operation of electric motors and variable speed drives that meet the requirements of the Technical Regulation on Ecodesign Requirements for Electric Motors, approved by the Resolution of the Cabinet of Ministers of Ukraine No. 157 of 27 February 2019, and which were put into circulation before the date of entry into force of the Resolution No 844 of 23 July 2024, may not be prohibited or restricted due to non-compliance of such products with the requirements of the Technical Regulation approved by this Resolution.			
24	Chinese Taipei	31-07-2024	G/TBT/N/TPKM/544	To achieve net-zero carbon emissions by 2050, it is expected that renewable energy power generation equipment and energy storage systems will gradually enter households. Due to the risks associated with thermal runaway in lithium-ion batteries used in energy storage systems, the BSMI	850440, 850760, 850780	17.22	3099.81

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				proposes to add stationary lithium battery storage appliances into the mandatory inspection scope. 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).			
25	Ukraine	31-07-2024	G/TBT/N/UKR/291/Add.1	Ukraine notifies the adoption of the Resolution of the Cabinet of Ministers of Ukraine No 846 "On Amendments to Certain Resolutions of the Cabinet of Ministers of Ukraine regarding Technical Regulation" of 23 July 2024. The Resolution was published on 25 July 2024 and will enter into force on 25 January 2025.	85	3.93	5957.11

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26	Ukraine	31-07-2024	G/TBT/N/UKR/278/Add.1	Ukraine notifies the adoption of the Resolution of the Cabinet of Ministers of Ukraine No 845 "On Approval of the Technical Regulation on Ecodesign Requirements for Welding Equipment" of 23 July 2024. The Resolution was published on 26 July 2024 and will enter into force six months from the date of termination or cancellation of martial law in Ukraine.	8515	0	39.68

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