



23 August 2023

(23-5659)

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Committee on Technical Barriers to Trade

Original: English

### NOTIFICATION

The following notification is being circulated in accordance with Article 10.6

<b>1. Notifying Member:</b> <u>VIET NAM</u> <b>If applicable, name of local government involved (Article 3.2 and 7.2):</b>
<b>2. Agency responsible:</b> Ministry of Labour, Invalids and Social Affairs (MOLISA) No. 12 Ngo Quyen, Hoan Kiem Ha Noi  <b>Name and address (including telephone and fax numbers, email and website addresses, if available) of agency or authority designated to handle comments regarding the notification shall be indicated if different from above:</b>  Department of Work safety 12th floor, MOLISA Office Building, no. 3 alley 7 Ton That Thuyet street, Dich Vong Hau ward, Cau Giay district, Ha Noi Tel: 024 - 39362950 Fax: 024 - 39362920 E-mail: <a href="mailto:bsw@antoanlaodong.gov.vn">bsw@antoanlaodong.gov.vn</a> Website: <a href="http://www.antoanlaodong.gov.vn">http://www.antoanlaodong.gov.vn</a>
<b>3. Notified under Article 2.9.2 [X], 2.10.1 [ ], 5.6.2 [ ], 5.7.1 [ ], 3.2 [ ], 7.2 [ ], other:</b>
<b>4. Products covered (HS or CCCN where applicable, otherwise national tariff heading. ICS numbers may be provided in addition, where applicable):</b> Refrigeration systems
<b>5. Title, number of pages and language(s) of the notified document:</b> Draft National technical regulation on safe work of refrigeration systems; (55 page(s), in Vietnamese)
<b>6. Description of content:</b> This draft National Technical Regulation prescribes requirements on occupational health and safety in the design, manufacture, importation, purchase, ownership, installation, utilization, operation, maintenance, repair, recovery and disposal of refrigeration system (including new, expanded or renovated systems from existing or used ones, systems moved to and operated in another location; systems changing from one to another refrigerants), heat pumps, absorption systems with evaporating and condensing closed-loop refrigerants according to system classification in TCVN 6104-1:2015 using refrigerants of groups B1, B2 , B2L, B3, A2, A3 and group A1 (with a loaded amount of 05 kg and above), A2L (with a loaded amount of 05 kg and above) according to the safety classification in TCVN 6739:2015  This draft National Technical Regulation excludes the following: <ul style="list-style-type: none"><li>- Refrigeration systems that use water or air as the refrigerants.</li><li>- Refrigeration systems used in transportation vehicles.</li></ul>

- Water-lithium bromide vapor absorption refrigeration system
- Steam jet refrigeration systems.

This draft National Technical Regulation applies to organizations, and individuals engaged in the design, manufacture, importation, purchase, ownership, installation, utilization, operation, maintenance, repair, recovery and disposal of refrigeration systems.

This draft National Technical Regulation applies to agencies, organizations and individuals engaged in evaluating, certifying, inspecting, testing and verifying the refrigeration system specified at Section 1.1 above.

**7. Objective and rationale, including the nature of urgent problems where applicable:** Protection of the environment; Quality requirements

**8. Relevant documents:**

- Law on Standards and Technical Regulations 2006;
- Law on Product and Goods Quality 2007;
- Law on Occupational Health and Safety 2015;
- TCVN 6104-1:2015 (ISO 5149-1:2014), Refrigerating systems and heat pumps - Safety and environmental requirements - Part 1: Definitions, classification and selection criteria.
- TCVN 6104-2:2015 (ISO 5149-2:2014), Refrigerating systems and heat pumps -- Safety and environmental requirements - Part 2: Design, construction, testing, marking and documentation
- TCVN 6104-3:2015 (ISO 5149-3:2014), Refrigerating systems and heat pumps -- Safety and environmental requirements - Part 3: Installation site
- TCVN 6104-4:2015 (ISO 5149-4:2014), Refrigerating systems and heat pumps - Safety and environmental requirements - Part 4: Operation, maintenance, repair and recovery
- TCVN 6739:2015 (ISO 817:2014, Refrigerants - Designation and safety classification
- TCVN 7384-1:2010 (ISO 13849-1:2006), Safety of machinery – Safety – related parts of control systems – Part 1: General principles for design
- TCVN 7915-1:2009 (ISO 4126-1: 2004), Safety devices for protection against excessive pressure Part 1: Safety valves
- TCVN 7915-2:2009 (ISO 4126-2: 2003), Safety devices for protection against excessive pressure - Part 2: Bursting disc safety devices.
- TCVN 7915-3:2009 (ISO 4126-3: 2006), Safety devices for protection against excessive pressure - Part 3: Safety valves and bursting disc safety devices in combination
- TCVN 7915-4:2009 (ISO 4126-4: 2004), Safety devices for protection against excessive pressure - Part 4: Pilot-operated safety valves.
- TCVN 7915-5:2009 (ISO 4126-5: 2004, Technical corrigendum 2-2007), Safety devices for protection against excessive pressure - Part 5: Controlled safety pressure relief systems (CSPRS).
- TCVN 7915-6:2009 (ISO 4126-6: 2003), Safety devices for protection against excessive pressure - Part 6: Application, selection and installation of bursting disc safety devices.
- TCVN 11277: 2015 (ISO 14903:2012), Refrigerating systems and heat pumps -- Qualification of tightness of components and joints.
- QCVN: 01 – 2008/BLĐTBXH, National technical regulation on safe work of steam boiler and pressure vessel.
- TCVN 8366: 2010, Pressure vessels - Requirement of design and manufacture
- TCVN 6155: 1996, Pressure vessels – Safety engineering requirements of erection, use, repair.

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	<ul style="list-style-type: none"><li>- TCVN 8092:2021 (ISO 7010:2019), Graphical symbols - Safety colours and safety signs Registered safety signs</li><li>- EN IEC 60730-2-9:2016, Automatic electrical controls. Particular requirements for temperature sensing controls</li></ul>
<b>9.</b>	<b>Proposed date of adoption:</b> 1 December 2023 <b>Proposed date of entry into force:</b> 1 June 2024
<b>10.</b>	<b>Final date for comments:</b> 60 days from notification
<b>11.</b>	<b>Texts available from: National enquiry point [ ] or address, telephone and fax numbers and email and website addresses, if available, of other body:</b> <a href="https://members.wto.org/crnattachments/2023/TBT/VNM/23_11959_00_x.pdf">https://members.wto.org/crnattachments/2023/TBT/VNM/23_11959_00_x.pdf</a>