

## **Explanation about the Proposal for Registration of Safety Information for Robots and Robotic Devices, and Sawing Machines for Cold Metal under the Occupational Safety and Health Act, notified by G/TBT/N/TPKM/378**

**Subject:** The MINISTRY OF LABOR Order is hereby to announce the measures to regulate robots and robotic devices, and sawing machines for cold metal to be subject to registration of safety Information, in accordance with Paragraph 1, Article 7 of the Occupational Safety and Health Act. As of 1 September 2019, all such products shall conform to the specified ISO or CNS standards and be registered at the Information Website before they are placed on the market.

**Scope:** The C.C.C. Codes (the first 6 digits are identical to HS Codes) of the regulated robots and robotic devices, and sawing machines for cold metal are listed as attachment.

### **Specified Safety standards:**

1. Specified ISO standards, for examples ISO 10218-1:2011 (Robots and robotic devices - Safety requirements for industrial robots - Part 1: Robots) for the robots and robotic devices, ISO 16093:2017 (Machine tools - Safety - Sawing machines for cold metal) for sawing machines for cold metal.
2. The registration of safety Information is performed by domestic manufacturer or importer based on the specified ISO standards, i.e. ISO 10218-1:2011 (or CNS 14490-1:2015) for the robots and robotic devices, and ISO 16093:2017 for sawing machines for cold metal. Regarding the requirements for Functional Safety and EMC, a transitional period of 3 years will be provided and during the transitional period compliance with ISO 13849-1:1999 and IEC 61000 series is acceptable.

### **Conformity Assessment Procedures:**

The regulated robots and robotic devices, and sawing machines for cold metal that meet safety standards specified in paragraph 1, Article 7 of the Occupational Safety and Health Act shall be registered by manufacturers or importers on the information reporting website (<https://tsmark.osha.gov.tw>) specified by the central competent authority. Manufacturers or importers shall put up the safety label in a prominent place on the manufactured or imported products for identification.

## Attachment

Product Name	C.C.C. Codes
robots and robotic devices	8424.89.90.00-7 Other mechanical appliances for projecting, dispersing or spraying liquids or powders
	8428.90.00.00-9 Other lifting, handing, loading or unloading machinery
	8479.50.10.00-3 Industrial robots for multiple uses
	8479.50.90.00-6 Industrial robots, not elsewhere specified or included
	8515.21.00.00-7 Machines and apparatus for resistance welding of metal, fully or partly automatic
	8515.31.00.00-5 Machines and apparatus for arc (including plasma arc) welding of metals, fully or partly automatic
	8515.80.10.00-3 Ultrasonic welding machines
	8515.80.20.00-1 Laser beam welding machines
	8515.80.90.00-6 Other articles of heading 8515
sawing machines for cold metal	8461.50.00.00-5 Sawing or cutting-off machines