

**MUTUAL RECOGNITION ARRANGEMENT ON CONFORMITY  
ASSESSMENT OF ELECTRICAL AND ELECTRONIC EQUIPMENT**

**APEC EEMRA  
Information Interchange Format**

**PART 1**

## **Introduction**

This format is being prepared to assist member economies participating in the APEC MRA to prepare documentation required for participation in a consistent format.

It is expected that each participating member economy would submit their information in the recommended format to the APEC Secretariat as required by the MRA.

The format is based on the Information Notes on Good Practice for Technical Regulation and therefore provides for information to be supplied for each of the regulatory regimes identified in the notes. There are 7 regimes, they are for products requiring inspection, products requiring licensing, products requiring batch testing, products requiring approval (or certification), products requiring listing or registration, supplier declarations and essential safety requirements. Participating member economies need only provide information relating to the regimes which are in force in their economy. The regimes that are not enforced by the economy need to be noted also, please indicate this by placing 'none' in the standards table on the front of each regime.

Where more than one regulatory system applies within a participating member economy information on each regulatory system should be provided separately.

The format also draws upon the survey on Conformity Assessment of Electrical and Electronic Equipment conducted by the APEC SCSC. The format includes reference to applicable international standards and uses the international convention for describing the relationship of national and international standards, i.e. IDT for identical, MOD for modified, and NEQ for not equal.

When information makes reference to documents or legislation, the documents or legislation should be available on a website for that economy or provided as part of the information supplied to the APEC Secretariat.

## ECONOMY – PERU

### APEC FEMRA Information Interchange Format

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## **PART I – INFORMATION EXCHANGE**

### **Regime Overview**

In order to protect people's health and safety, preserve the environment and protect the consumer from practices that can be misleading, the Ministry of Production regulates manufactured industrial products, including electrical products through technical regulations that apply to both domestic and imported products. Technical regulations are approved by supreme decree and establish the technical and labeling requirements that regulated products must meet, as well as provisions on conformity assessment, inspection and supervision, sanctions regime and administrative procedures.

To date, there is a technical regulation that regulates various types of low-voltage copper electrical conductors for use in residential and commercial buildings, which establishes the technical and labeling requirements that electrical conductors must meet for their production, import and marketing in Peru. Likewise, it establishes that national manufacturers and importers, prior to the commercialization and nationalization of the product, must have a certificate of conformity in accordance with the certification schemes established in the technical regulation. The certification bodies that issue the certificate of conformity must be accredited by the accreditation authority of Peru or by accreditation bodies of the country of manufacture. National manufacturers and importers prior to their manufacture or nationalization must obtain an authorization (license) called the Certificate of Compliance with Technical Regulations issued by the Ministry of Production.

The surveillance to verify compliance with the technical regulation is carried out in the production, storage, or commercialization of the products, except for the labeling that is carried out when the products are made available to consumers and users in accordance with the provisions of the Legislative Decree N° 1304.

## **Legislative References**

<b>Legislation Applicable</b>	<b>Scope of the Legislation</b>	<b>Government Agency</b>
Legislative Decree N° 1304 Legislative Decree that approves the Law of Labeling of Manufactured Industrial Products and verification of the Technical Regulations of Manufactured Industrial Products.	The purpose of the Law is to establish, in a mandatory manner, the labeling for manufactured industrial products, for use or final consumption, that are commercialized in the national territory, in order to safeguard the right to information of users and consumers; as well as, granting the Ministry of Production the authority to supervise, inspect and sanction compliance with the provisions contained in the technical regulations referring to industrial products manufactured for use or final consumption, with the exception of labeling, within the framework of its powers.	Ministry of Production
Supreme Decree N° 013-2016-PRODUCE, Approves the Technical Regulation on Low Voltage Copper Electrical Conductors for use in Residential, Commercial Buildings and Similar Uses.	<p>Its purpose is to establish the technical characteristics and labeling that low voltage copper electrical conductors for use in residential and commercial buildings and similar uses must comply with in their production, import and commercialization.</p> <p>Its purpose is to establish the safety conditions that low voltage copper electrical conductors must comply with in order to safeguard the safety and life of people, as well as prevent practices that may mislead consumers.</p>	Ministry of Production

**1. PRODUCTS REQUIRING INSPECTION**

None

**2. PRODUCTS REQUIRING LICENSING**

None

**3. PRODUCTS REQUIRING BATCH TESTING**

None

**4. PRODUCTS REQUIRING APPROVAL (OR CERTIFICATION)**

Electrical products require a certificate of conformity prior to the commercialization and nationalization of the product, which must be presented to the Ministry of Production to obtain a Certificate of Compliance with the Technical Regulations.

Certificates of conformity issued by certification bodies in the country of manufacture accredited or authorized by the competent authority of the country of manufacture or other countries are accepted. The certificates of conformity must be issued in accordance with the requirements established in the Technical Regulations or in equivalent technical regulations of the country of manufacture or other countries.

**5. PRODUCTS REQUIRING LISTING OR REGISTRATION**

None

**6. SUPPLIER DECLARATIONS**

None

**7. ESSENTIAL SAFETY REQUIREMENTS**

None

**Products covered by any of the above**

**Products covered by approval**

Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick if mandatory	Relevant International Standards	Extent of Alignment
<b>Mandatory</b>					
Rigid and flexible electrical conductors (cables) with insulation, and covering, if any, based on polyvinyl chloride (PVC) for nominal voltages (Uo/U) up to and including 450/750 volts used in low voltage power installations.	Supreme Decree No. 013-2016-PRODUCE			IEC 60227:2007	
Rigid and flexible electrical conductors (cable) with insulation, and cover if any, based on ethylene propylene rubber, or equivalent materials, for nominal voltages (Uo/U) up to and including 450/750 volts used in low voltage electrical installations.	Supreme Decree No. 013-2016-PRODUCE			IEC 60245:2008	
Electrical conductors (cable), be they single-pole or flexible with insulation and/ or thermoplastic or cross-linked halogen-free covering and low smoke emission, for nominal voltages (Uo/U) up to and including 450/750 volts.	Supreme Decree No. 013-2016-PRODUCE			UNE-EN 50525:2012	
Electrical conductors (cable) THW (90), THWF (90), XHHW-2 (90) y THWN-2 (90)	Decreto Supremo N° 013-2016-PRODUCE	NTP 370-252:2014	✓		
Electric conductors- insulated cables	R.M. 37-2006-MEM/DM (2006- 01-30) /	NTP 370.250	✓		

Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick if mandatory	Relevant International Standards	Extent of Alignment
	Supreme decret N.º 187-2005-EF National Electricity Code				
Electric conductors- Copper cables	R.M. 37-2006-MEM/DM (2006- 01-30)	NTP 370.251	✓		
Electric conductors- Insulated cables	R.M. 37-2006-MEM/DM (2006- 01-30); DS N° 013-2016-Produce (2016- 07- 23)	NTP 370.252	✓		
Electric conductors- Extruded Insulated Power Cables	R.M. 37-2006-MEM/DM (2006- 01-30)	NTP 370.255	✓		
Electrical Installations in Buildings-Conductors in conduits	R.M. 37-2006-MEM/DM (2006- 01-30) National Electricity Code	NTP 370.301	✓		
Electrical Installations In Housing Buildings- Initial and periodic verification	R.M. 37-2006-MEM/DM (2006- 01-30) National Electricity Code	NTP 370.304	✓		
Automatic Switches	R.M. 37-2006-MEM/DM (2006- 01-30) National Electricity Code	NTP 370.308	✓		
Switches in Molded Case	R.M. 37-2006-MEM/DM (2006- 01-30) National Electricity Code	NTP 370.309	✓		



Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick if mandatory	Relevant International Standards	Extent of Alignment
Electrical safety- Certification and maintenance of electrical installations	R.M. 37-2006-MEM/DM (2006- 01-30) National Electricity Code	NTP 370.310	✓		
Conductors for insulated cables	DS N° 013-2016-PRODUCE (2016- 07- 23) Technical regulation on low voltage copper electrical conductors for use in residential and commercial buildings and similar uses / R.M. 37-2006-MEM/DM (2006- 01-30)	NTP IEC 60228	✓	IEC 60228:2004	IDT
Circuit breakers	R.M. 37-2006-MEM/DM (2006- 01-30) National Electricity Code	NTP IEC 60947-2	✓	IEC 60947-2:2003	IDT
Switches for domestic fixed electrical installations	R.M. 37-2006-MEM/DM (2006- 01-30) National Electricity Code	NTP-IEC 60669-1	✓	IEC 60669-1:2017	IDT
Switches for domestic fixed electrical installations- Electronic switches	R.M. 37-2006-MEM/DM (2006- 01-30)	NTP-IEC 60669-2-1	✓	IEC 60669-2-1:2002+AMD1:2008	IDT

Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick if mandatory	Relevant International Standards	Extent of Alignment
Switches for domestic fixed electrical installations-Remote controlled electromagnetic switches	R.M. 37-2006-MEM/DM (2006- 01-30)	NTP-IEC 60669-2-2	✓	IEC 60669-2-1:2006	IDT
Switches for domestic fixed electrical installations-Time switches	R.M. 37-2006-MEM/DM (2006- 01-30)	NTP-IEC 60669-2-3	✓	IEC 60669-2- 3:2006	IDT
Circuit breakers for AC operation	R.M. 37-2006-MEM/DM (2006- 01-30) CODIGO National Electricity Code	NTP-IEC 60898-1	✓	IEC 60898- 1:2003	IDT
Circuit-breakers to operate by residual differential current, without overcurrent protection device, for domestic and similar uses	R.M. 37-2006-MEM/DM (2006- 01-30) National Electricity Code	NTP-IEC 61008-1	✓	IEC 61008- 1:2013	IDT
Automatic circuit breakers to operate by residual differential current, with overcurrent protection device, for domestic and similar uses	R.M. 37-2006-MEM/DM (2006- 01-30) National Electricity Code	NTP-IEC 61009-1	✓	IEC 61009- 1:2013	IDT
Plugs and outlets for household use and similar purposes	Ministerial Resolution No. 175-2008-MEM / DM "Modification of the National Electricity Code"	NTP-IEC 60884-1	✓	IEC 60884- 1:2013	IDT
INDUSTRIAL BOILERS	D.S 009-2017-EM Energy Efficiency Labeling Regulation	NTP 350.300	✓		

Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick if mandatory	Relevant International Standards	Extent of Alignment
Energy efficiency in electric water heaters	D.S 009-2017-EM Energy Efficiency Labeling Regulation	NTP 370.502	✓		
Fixed electrical instantaneous water heating appliances	D.S 009-2017-EM Technical Regulation on Energy Efficiency Labeling Annex 9.2 On Energy Efficiency Labeling for Instantaneous Electric Water Heaters for Domestic Use	NTP 370.504	✓		
ROTARY ELECTRIC MACHINES	D.S 009-2017-EM Technical Regulation on energy efficiency labeling Appendix 5 on Energy Efficiency Labeling for Three-Phase Asynchronous or Induction Electric Motors With Squirrel Cage Rotor	NTP-IEC 60034-2- 1	✓	IEC 60034-2- 1:2014	IDT

Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick if mandatory	Relevant International Standards	Extent of Alignment
Tungsten Filament Lamps	D.S 009-2017-EM Energy Efficiency Labeling Regulation	NTP-IEC 60064	✓	IEC 60064:2005	IDT
Double capped fluorescent lamps	D.S 009-2017-EM Energy Efficiency Labeling Regulation	NTP-IEC 60081	✓	IEC 60081:2002+AMD2:2003+AMD3:2005+AMD4:2010+AMD5:2013	IDT
Methods for measuring the performance of electric water heaters	D.S 009-2017-EM Energy Efficiency Labeling Regulation	NTP-IEC 60379	✓	IEC 60379:1987	IDT
Luminaires	D.S 009-2017-EM Technical Regulation on energy efficiency labeling for energy equipment	NTP-IEC 60598-1	✓	IEC 60598- 1:2014	IDT
Single Capped Fluorescent Lamps	D.S 009-2017-EM Technical Regulation on energy efficiency labeling for energy equipment	NTP-IEC 60901	✓	IEC 60901:2001	IDT
Integrated compact fluorescent lamps	D.S 009-2017-EM Technical Regulation on energy efficiency	NTP-IEC 60969	✓	IEC 60969:2001	IDT

Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick if mandatory	Relevant International Standards	Extent of Alignment
	labeling for energy equipment				
Energy efficiency of lamp control devices	D.S 009-2017-EM Technical Regulation on energy efficiency labeling for energy equipment	NTP-IEC 62442-1	✓	IEC 62442- 1:2011	IDT
Household refrigeration appliances	D.S 009-2017-EM Technical Regulation on energy efficiency labeling for energy equipment	NTP-IEC 62552	✓	IEC 62552:2007	IDT
LED lamps with built-in ballast	D.S 009-2017-EM Technical Regulation on energy efficiency labeling for energy equipment	NTP-IEC 62560	✓	IEC 62560:2011	IDT
LED lamps with own ballast	D.S 009-2017-EM Technical Regulation on energy efficiency labeling for energy equipment	NTP-IEC 62612 NTP-IEC 62612/MT 1 NTP-IEC 62612/MT 2	✓	IEC 62612:2013+AMD1:2015+AMD:2018	IDT

Product type or grouping	Regulations	Standards			
		Domestic Standards	Please tick if mandatory	Relevant International Standards	Extent of Alignment
Reflector lamps	D.S 009-2017-EM Technical Regulation on energy efficiency labeling for energy equipment	NTP-RT-IEC/TR 61341	✓	IEC/TR 61341:2010	IDT

**Diagrammatic representation or flowchart of the regime**

None

**Description of the Regime**

**Testing Facilities**

None

**Approval (Certification) Agencies**

Peru has an accredited certification body, for more information consult the list of accredited bodies at the following link:

<https://www.inacal.gob.pe/acreditacion/categoria/ape>

To request the Certificate of Compliance with the Technical Regulations, the application is submitted through the Single Window for Foreign Trade (VUCE) at the link: <https://www.vuce.gob.pe/>.

For inquiries about the procedure, contact the Ministry of Production at [dopif@produce.gob.pe](mailto:dopif@produce.gob.pe).

**Labeling Requirements**

On the labeling of electrical conductors, the information established in Supreme Decree N° 013-2016 PRODUCE is placed, which approves the Technical Regulation for low-voltage copper electrical conductors in Spanish, regardless of whether information is presented in other languages.

### **Regulatory and Legislation Requirements**

The Certificate of Compliance with the Technical Regulations is valid for one year

### **Mains Voltage, Frequency and Mains Plug Configuration**

None

