

# THE UNITED ARAB EMIRATES RoHS REGULATION

IMPLEMENTATION DEADLINE:  
JANUARY 1, 2018

The United Arab Emirates (UAE) recently enacted a Restriction of Hazardous Substances (RoHS) Regulation. The Regulation was published on April 28, 2017, and reflects the European Union (EU) RoHS Directive 2011/65. Compliance with the Regulation will require importers who place electrical and electronic equipment (EEE) onto the UAE market to plan for compliance by understanding and making declarations on the specifications and composition of their products.



## Background

According to the UAE Cabinet Decision No. 10/2017, implementation of the Restriction on Hazardous Substances (RoHS) will be enforced in the UAE starting from **January 1, 2018**.

The UAE includes 7 Emirates consisting of a population of 9.3 million people:

- Abu Dhabi
- Ajman
- Dubai
- Fujairah
- Ras al-Khaimah
- Sharjah
- Umm al-Quwain

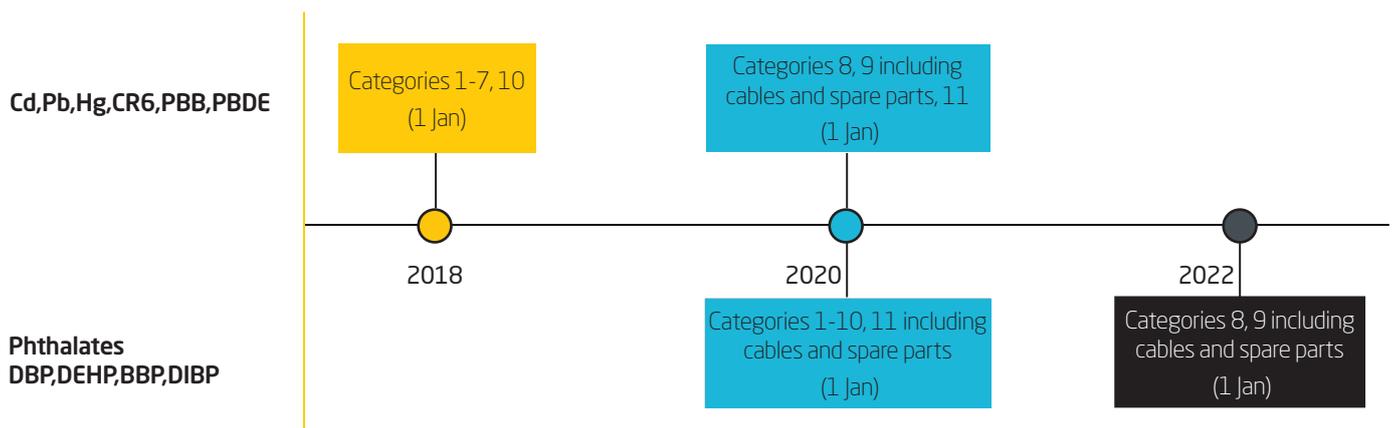
Beginning **January 1, 2018** (the first deadline for the date of application of mandatory substance restrictions), it will be necessary to obtain a Certificate of Conformity under the ECAS program for RoHS to place in scope, electrical and electronic products on the UAE market.

This legislation is comparable in certain respects to the EU RoHS Directive 2011/65 as it consists of the same product categories, the same substance restrictions (including the four phthalates), and the same hazardous substances and maximum concentration limits.

However, the UAE RoHS legislation differs from the EU RoHS Directive in two main aspects:

- Differences in implementation periods
- Certificate of Conformity issued by an appointed Notified Body

## UAE RoHS Implementation Timeline:



# THE UNITED ARAB EMIRATES

## RoHS REGULATION

### UAE RoHS Compliance Requirements

Article 5 of the Regulation specifies four mandatory requirements for compliance:

- Product verification by examination by an appointed Notified Body
- Meeting the requirements of IEC 63000 and IEC 62476
- Meeting the technical specifications, requirements, and terms and conditions referred to in the regulation
- Draws up a technical file that is representative of the product which contains technical documents such as: test reports, risk assessments, and DoFC material specification sheets

### Product Categories Subject to RoHS Requirements in the UAE:

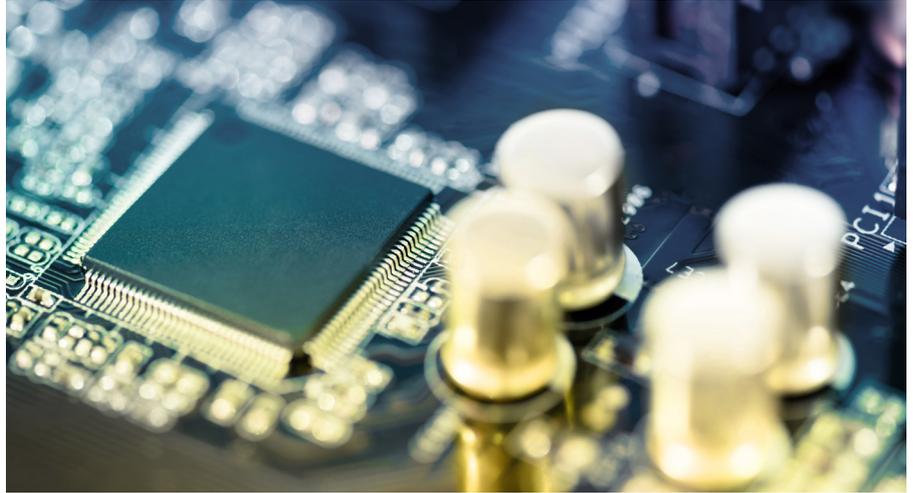
1. Large household appliances
2. Small household appliances
3. IT and Telecommunication equipment
4. Consumer equipment
5. Lighting equipment
6. Electrical and electronic tools (with the exception of large-scale stationary industrial tools)
7. Toys leisure and sport equipment
8. Medical devices (with the exception of all implanted and infected products)
9. Monitoring and control instruments including industrial monitoring and control instrument
10. Automatic dispensers
11. Other EEE not covered by any of the categories above or, and falling within the definition of Article 1

### Notified Body Certification

The UAE RoHS legislation will require a Notified Body RoHS Certification. Intertek is a Notified Body, which is an appointed Conformity Assessment Body accredited to ISO / IEC 17065 for conducting conformity assessment activities to determine compliance to a standard or requirements and/or a regulation. We can assist you with ensuring compliance to this complex requirement.

### Conformity Assessment Options:

- Option 1: Type 1 - Design
  - Design review by examination of a supplied Technical File including evaluation of the manufacturers risk assessment



- Technical file to contain test reports accredited to ISO IEC 17025 for 3 high level risk components
- On successful review, the Intertek will issue a Certificate of Conformity valid for one year
- Option 2: Type 3 - Unit Verification
  - \*Manufacturers are allowed to place the Emirates Quality Mark (EQM) on the product
    - Factory site audit to meet ISO IEC63000 and IEC 62476 requirement
    - Verification of the materials quality control plan in place for all products manufactured on site
    - Evaluation of the risk assessment and supporting material DoFC
    - Conformation and effect of PVT conducted on site, non accredited test data from on site facilities is accepted
    - Intertek will issue a certificate of conformity on receipt of a successful audit report
    - Certificate of Conformity validity is 3 years

### The Intertek Advantage

As a global leader in restricted substances, Intertek provides guidance in regulatory, supply chain, and technical RoHS compliance requirements in various regions. With Intertek's RoHS consulting and strategy services, companies can effectively:

- Manage RoHS compliance strategy and risks
- Ensure RoHS requirements are properly applied and met for your products
- Educate your employees on RoHS obligations and requirements

- Develop and sustain a competitive advantage
- Protect your brand
- Minimize business impacts such as loss of sales, product recall, and obsolete inventory

Intertek is a leading Total Quality Assurance provider to industries worldwide. Our network of more than 1,000 laboratories and offices and over 44,000 people in more than 100 countries, delivers innovative and bespoke Assurance, Testing, Inspection and Certification solutions for our customers' operations and supply chains. Intertek Total Quality Assurance expertise, delivered consistently with precision, pace and passion, enabling our customers to power ahead safely.

**Total Quality. Assured.**

### FOR MORE INFORMATION



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