

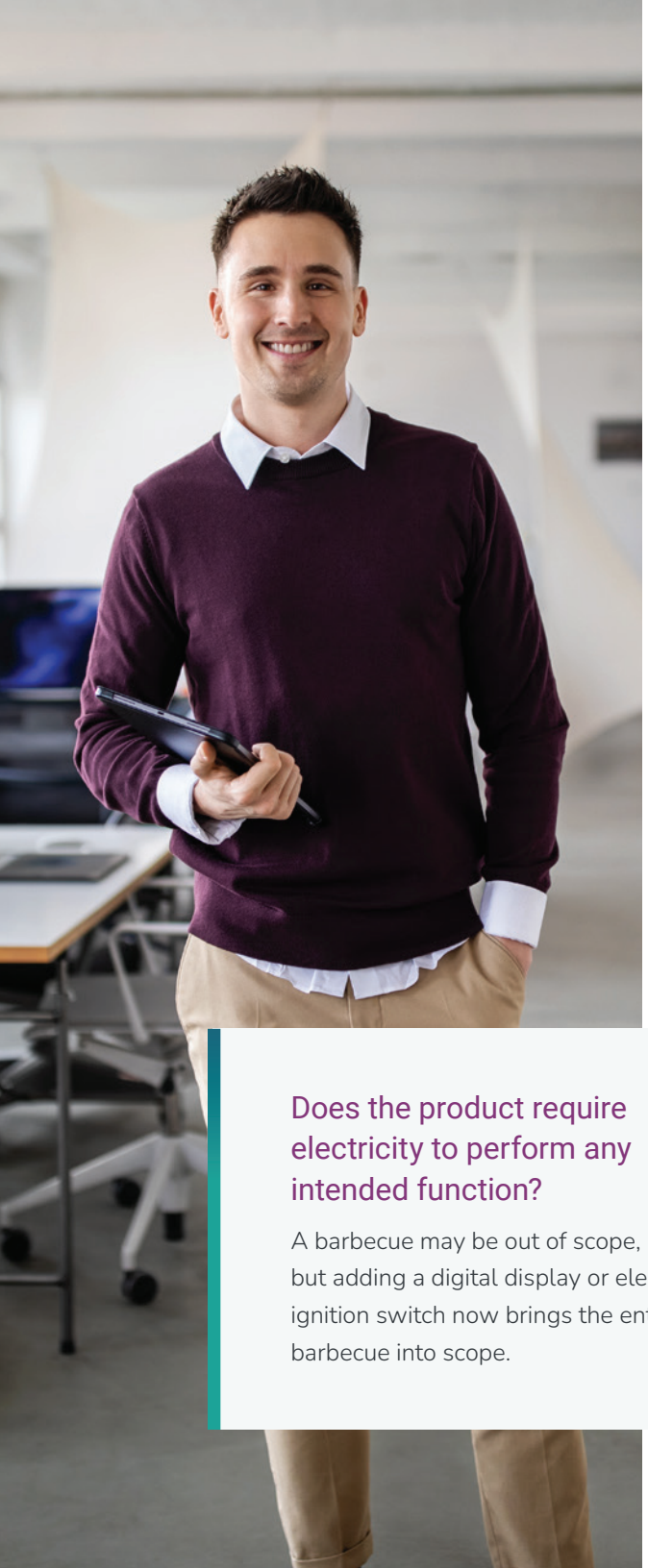
Scoping Guide

# EU RoHS



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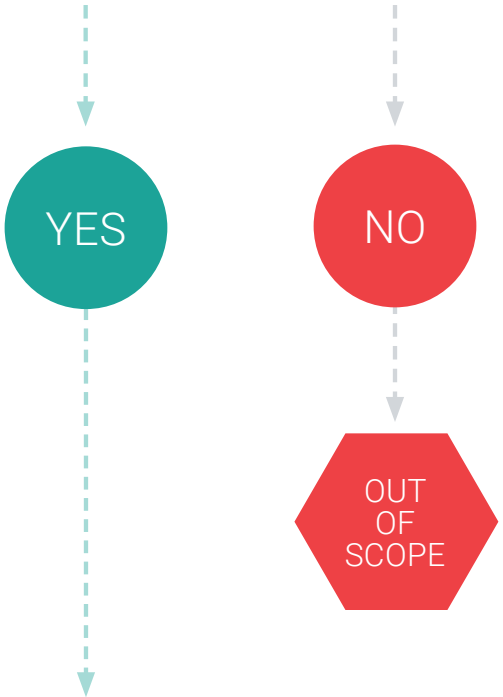


This guide will help you determine whether your company's products are in scope of the EU Restriction of Hazardous Substances (RoHS) Directive 2011/65/EU. It includes information on:

- In-scope product categories
- Substances in scope
- Product exclusions

## Is the Product EEE?

The term electrical and electronic equipment (EEE) refers to equipment that is dependent on electrical currents or electromagnetic fields in order to work properly. Anything that is a component of EEE, even if it is not EEE itself, is in scope.




### Does the product require electricity to perform any intended function?

A barbecue may be out of scope, but adding a digital display or electric ignition switch now brings the entire barbecue into scope.

# Does Your Product Have Any Article 2, Section 4 Exclusions?



Equipment that is necessary for the protection of the essential interests and security of member states, including arms, munitions, and war materials intended for specifically military purposes



Equipment designed to be sent into space



Large-scale stationary industrial tools



Equipment designed and to be installed as part of another type of equipment that is excluded or does not fall within the scope of this directive, and which can fulfill its function only if it is part of that equipment, and which can be replaced only by the same specifically-designed equipment



Large-scale fixed installations



Means of transport for persons or goods, excluding electric two-wheel vehicles that are not type-approved



Non-road mobile machinery made available exclusively for professional use, including on-board and external engines



Active implantable medical devices



Photovoltaic panels intended to be used in a system that is designed, assembled, and installed by professionals for permanent use at a defined location to produce energy from solar light for public, commercial, industrial, and residential applications



Equipment specifically designed solely for the purposes of research and development only made available on a business-to-business basis



Pipe organs

**YOUR PRODUCT IS LIKELY IN SCOPE OF EU ROHS**

NO

YES

# Additional Scoping Information

## What EEE Category Does Your Product Fall Into?

Labels and packaging are out of scope, unless the label is attached to an EEE, in which case it is in scope. Products exclusively designed as spare parts are in scope.



**Category 1:**
Large Household Appliances



**Category 2:**
Small Household Appliances



**Category 3:**
IT/Telecommunications Equipment



**Category 4:**
Consumer Equipment



**Category 5:**
Lighting Equipment



**Category 6:**
Electrical & Electronic Tools



**Category 7:**
Toys, Leisure & Sports Equipment



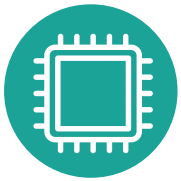
**Category 8:**
Medical Devices



**Category 9:**
Monitoring & Control Instruments



**Category 10:**
Automatic Dispensers



**Category 11:**
EEE Not Covered by Above Categories

# Substances in Scope

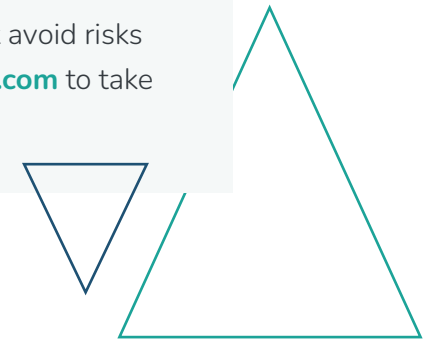
The EU RoHS Directive currently restricts the following 10 substances:

| | | | | |
|---|---|---|---|---|
| **Cd**<br>Cadmium | **Pb**<br>Lead | **Hg**<br>Mercury | **Cr VI**<br>Hexavalent Chromium | **PBB**<br>Polybrominated Biphenyls |
| **PBDE**<br>Polybrominated Diphenyl Ethers | **DEHP**<br>Bis(2-ethylhexyl) Phthalate | **BBP**<br>Benzyl Butyl Phthalate | **DBP**<br>Dibutyl Phthalate | **DIBP**<br>Diisobutyl Phthalate |

# What Does This Mean for Your Organization?

Your company is not permitted to place any in-scope products on the market in the EU if they contain a RoHS restricted substance above the concentration limits at the homogeneous level. Complying with the directive may include preparing a declaration of compliance for in-scope products.

When it comes to RoHS compliance, you can't avoid risks you can't see. Contact Assent at **info@assent.com** to take the guesswork out of your program!



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