



RoHS Compliance



A quick guide to the complete list of restricted hazardous materials restricted under the EU Directive titled, Restriction of Hazardous Substances, or RoHS.





RoHS Compliance

Definition:



In three sequential directives published in 2002, 2011 and 2015 the EU has set out maximum levels for 10 restricted substances used in the manufacture of electrical and electronic products. The last four of these were added under RoHS 3 which was introduced in 2015 and went into effect on July 22, 2019.

RoHS 2 issued in 2011 included a CE marking directive requiring RoHS compliance for any product achieving CE marking.





RoHS Compliance

The Who & What of RoHS Compliance

Companies that import or manufacture items sold into the European Economic Area (EEA), including Northern Ireland or Great Britain (GB), must demonstrate RoHS compliance in order to receive CE marking. Compliance signals the following materials are used in less than maximum levels allowed:

• Cadmium (Cd)	<100 ppm
• Lead (Pb)	<1000 ppm
• Mercury (Hg)	<1000 ppm
• Hexavalent Chromium (Cr VI)	<1000 ppm
• Polybrominated Biphenyls (PBB)	<1000 ppm
• Polybrominated Diphenyl Ethers. (PBDE)	<1000 ppm
• Bis (2-Ethylhexyl) phthalate (DEHP)	<1000 ppm
• Benzyl butyl phthalate (BBP)	<1000 ppm
• Dibutyl phthalate (DBP)	<1000 ppm
• Dilsobutyl phthalate (DIBP)	<1000 ppm

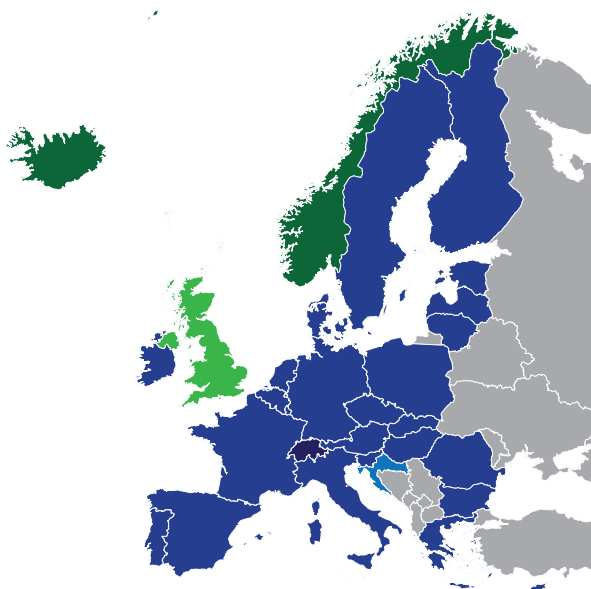




RoHS Compliance

Who Must Comply

Companies or individuals that use, trade or place importing physical goods on the EEA and GB markets and want to maintain access.



- European Union member states party to the EEA agreement (without Croatia)
- EFTA member states party to the EEA agreement (Iceland, Norway and Liechtenstein)
- EU member states provisionally applying the EEA agreement (Croatia)
- Former EU member state still party to the EEA agreement during the transition period (United Kingdom)
- Signatories that have not ratified (Switzerland)





RoHS Compliance

WEEE is Related to RoHS

WEEE stands for Waste from Electrical and Electronic Equipment.

WEEE Directive 2002/96/EC mandates the treatment, recovery and recycling of electric and electronic equipment.



01
LARGE
HOUSEHOLD
APPLIANCES



02
SMALL
HOUSEHOLD
APPLIANCES



03
IT AND
TELECOMMUNICATIONS
EQUIPMENT



04
CONSUMER
EQUIPMENT



05
LIGHTING
EQUIPMENT



06
ELECTRICAL
AND ELECTRONIC
TOOLS



07
TOYS, LEISURE
AND SPORTS
EQUIPMENT



08
MEDICAL
DEVICES



09
MONITORING
AND CONTROL
INSTRUMENTS



10
AUTOMATIC
DISPENSERS



WEEE
CATEGORIES



Waste Electrical and Electronic Equipment Directive
(WEEE Directive)

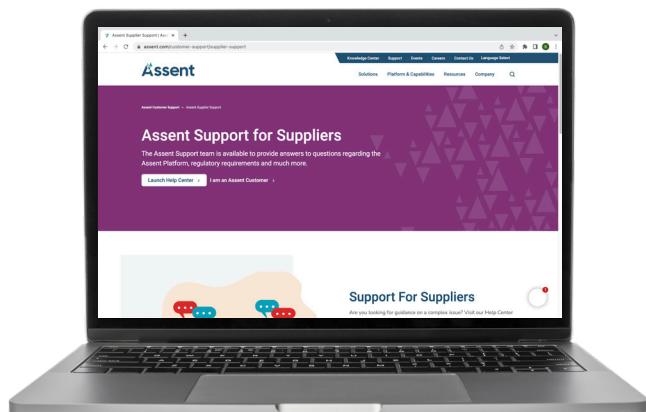




RoHS Compliance

Supplier Resources:

Through our affiliation with Assent, we can offer you the following informational links.



<https://www.assent.com/customer-support/supplier-support>

Email: compliancesupport@assent.com

UPDATES 4th Quarter 2022

REGULATORY CHANGE

- **RoHS 2:** The European Commission plans on publishing a draft delegated directive in Q4 2022 to add tetrabromobisphenol A (TBBP-A) and medium-chain chlorinated paraffins (MCCPs) to the list of restricted substances.

IMPACT

- There will be a transition period of several years for the newly added substances (likely 2025).





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Reporting Calendar:

