

 <p>Further reading: https://ec.europa.eu/growth/single-market/ce-marking/manufacturers_en</p>	<p>CE marking is a certification mark that indicates conformity with health, safety, and environmental protection standards for products sold within the European Economic Area (EEA).</p> <p>The CE marking is also found on products sold outside the EEA that are manufactured in, or designed to be sold in, the EEA. This makes the CE marking recognizable worldwide even to people who are not familiar with the European Economic Area. It is in that sense similar to the FCC Declaration of Conformity used on certain electronic devices sold in the United States.</p> <p>The CE marking is the manufacturer's declaration that the product meets the requirements of the applicable EC directives.</p>
 <p>Further reading: https://www.iso.org/standard/46486.html</p>	<p>ISO 9001:2015 specifies requirements for a quality management system where an organization</p> <ul style="list-style-type: none"> • needs to demonstrate its ability to consistently provide product that meets customer and applicable statutory and regulatory requirements, and • aims to enhance customer satisfaction through the effective application of the system, including processes for continual improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements. <p>All requirements of ISO 9001:2008 are generic and are intended to be applicable to all organizations, regardless of type, size and product provided.</p>
 <p>Further reading: https://www.iso.org/standard/31807.html</p>	<p>ISO 14001:2015 specifies requirements for an environmental management system to enable an organization to develop and implement a policy and objectives which take into account legal requirements and other requirements to which the organization subscribes, and information about significant environmental aspects. It applies to those environmental aspects that the organization identifies as those which it can control and those which it can influence. It does not itself state specific environmental performance criteria.</p>



further reading:
<https://echa.europa.eu/regulations/reach/understanding-reach>

Understanding REACH

REACH is a regulation of the European Union, adopted to improve the protection of human health and the environment from the risks that can be posed by chemicals, while enhancing the competitiveness of the EU chemicals industry. It also promotes alternative methods for the hazard assessment of substances in order to reduce the number of tests on animals.

REACH places the burden of proof on companies. To comply with the regulation, companies must identify and manage the risks linked to the substances they manufacture and market in the EU. They have to demonstrate to ECHA how the substance can be safely used, and they must communicate the risk management measures to the users.



RoHS Compliance Definition

The definition and aim of the RoHS directive is quite simple. The RoHS directive aims to restrict certain dangerous substances commonly used in electronic and electronic equipment. Any RoHS compliant component is tested for the presence of Lead (Pb), Cadmium (Cd), Mercury (Hg), Hexavalent chromium (Hex-Cr), Polybrominated biphenyls (PBB), and Polybrominated diphenyl ethers (PBDE). For Cadmium and Hexavalent chromium, there must be less than 0.01% of the substance by weight at raw homogeneous materials level. For Lead, PBB, and PBDE, there must be no more than 0.1% of the material, when calculated by weight at raw homogeneous materials. Any RoHS compliant component must have 100 ppm or less of mercury and the mercury must not have been intentionally added to the component. In the EU, some military and medical equipment are exempt from RoHS compliance.



Authorised Economic Operator

further reading:
https://ec.europa.eu/taxation_customs/general-information-customs/customs-security/authorised-economic-operator-aeo/authorised-economic-operator-aeo_en#who_can_become

According to the World Customs Organization (WCO), an **authorized economic operator (AEO)** is

"a party involved in the international movement of goods in whatever function that has been approved by or on behalf of a national Customs administration as complying with WCO or equivalent supply chain security standards. Authorized Economic Operators include *inter alia* manufacturers, importers, exporters, brokers, carriers, consolidators, intermediaries, ports, airports, terminal operators, integrated operators, warehouses and distributors"



Dodd-Frank Act, section 1502

further reading:
<https://www.sec.gov/opa/Article/2012-2012-163htm---related-materials.html>

Disclosing the Use of Conflict Minerals

In 2010, Congress passed the Dodd-Frank Act, which directs the Commission to issue rules requiring certain companies to disclose their use of conflict minerals if those minerals are “necessary to the functionality or production of a product” manufactured by those companies. Under the Act, those minerals include tantalum, tin, gold or tungsten. Congress enacted Section 1502 of the Act because of concerns that the exploitation and trade of conflict minerals by armed groups is helping to finance conflict in the DRC region and is contributing to an emergency humanitarian crisis. Section 1502 of the Act amends the Securities and Exchange Act of 1934 to add Section 13(p).



<https://oehha.ca.gov/proposition-65>

Proposition 65

Proposition 65, officially known as the Safe Drinking Water and Toxic Enforcement Act of 1986, was enacted as a ballot initiative in November 1986. The proposition protects the state's drinking water sources from being contaminated with chemicals known to cause cancer, birth defects or other reproductive harm, and requires businesses to inform Californians about exposures to such chemicals.

Assessed by



Ref: JSASCN17829823

further reading:
<http://www.sgs.com/en/our-company/about-sgs-in-brief>

During October 2017, Tatwah Smartech Co.,Ltd. was **audited by SGS** on the following topics

1. Company Profile
2. Financial Data
3. Audit Checklist and result
 - 3.1 Business License
 - 3.2 Production Capacity
 - 3.3 Foreign Trade Capacity
 - 3.4 Product Research & Development Capacity
 - 3.5 Quality Management System and Product Certification
 - 3.6 Suppliers/ sub-contractors Control
 - 3.7 Production Process Control
 - 3.8 Random Product Inspection and Continuous Improvement
 - 3.9 The Company Development Plan

No corrective action was identified



<https://www.mifare.net/en/partners/advanced-partner/>

Advanced Partner 2018

In appreciation of a continuous strong engagement, outstanding contribution to the MIFARE® product ecosystem and a proven track record over many years the MIFARE Advanced Partner level is granted to regionally acting ambassadors.

Our Advanced Partners are:

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Tatwah Smartech Co., Ltd.