



# SMA Standard 01503

## Restrictions on Hazardous Substances

### Expanded to Red List

Diese Norm gilt ohne Unterschrift - Schutzvermerk ISO 16016 beachten  
This standard is valid without signature - Copyright according to ISO 16016

Fortsetzung Seite 2 bis 3  
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04	In section Artificial Radioactivity deleted: The supplier is obligated at all times to comply with the provisions of the radiation protection regulation and to follow official orders in this regards.	2018-07-17	Michael Kein
03	Explicit reference to the RoHS regulation and listing of the restricted substances. EU Regulation 1005/2009EC - Ozone Depleting Substances and Dodd-Frank Act, Section 1502 - Conflict Minerals added.	2018-06-04	Michael Kein
02	Responsibility to check compliance with modified Red List added	2017-07-07	Michael Kein
01	Initial Release based on SMA-Standard 01501	2017-06-30	Michael Kein
<b>Revision</b>	<b>Remarks/Changes</b>	<b>Date</b>	<b>Author</b>

#### Released

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Reviewer: Simon, Peter (psimon)

Approver: Kneip, Johannes (kneip)

Ausdrucke unterliegen nicht dem Änderungsdienst

Print-outs are not subject to the change service

## EU Directive 1907/2006EC – REACH

SMA requires that suppliers are familiar with the obligations according to the latest EU-Regulation REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) 1907/2006/EG in force and that they fulfil them.

## EU Directive 2011/65/EC – RoHS

All delivered products must comply with the following European directives:

- 2011/65/EU Restriction of the use of Hazardous Substances in EEE (RoHS)
- 2015/863/EU Change of Annex II from 2011/65/EU

These products shall not contain any of the restricted substances and maximum concentration values tolerated by weight in homogeneous materials

- Lead (0.1 %)
- Mercury (0.1 %)
- Cadmium (0.01 %)
- Hexavalent chromium (0.1 %)
- Polybrominated biphenyls (PBB) (0.1 %)
- Polybrominated diphenyl ethers (PBDE) (0.1 %)
- Bis(2-ethylhexyl) phthalate (DEHP) (0.1 %)
- Butyl benzyl phthalate (BBP) (0.1 %)
- Dibutyl phthalate (DBP) (0.1 %)
- Diisobutyl phthalate (DIBP) (0.1 %)

## EU Regulation 1005/2009EC - Ozone Depleting Substances

In addition to the above-mentioned regulations, the EU Regulation 1005/2009EC prohibits the use of all substances listed in this regulation in products, operating materials or consumables or as auxiliary materials in the production. By delivering merchandise to SMA, the supplier confirms the compliance with the following directives in the entire supply chain: EU Directive 1005/2009EC or for suppliers downstream in the supply chain, the locally applicable equivalent regulations and guidelines for the implementation of the Montreal Protocol of 1987.

## **Dodd-Frank Act, Section 1502 – Conflict Minerals**

SMA requires according to Section 1502 Dodd-Frank-Act that suppliers shall ensure that the minerals "Tantalum, Tin, Tungsten and Gold" so-called "conflict minerals" in the products do not come from the Democratic Republic of the Congo or an adjoining country. The evidence of the due diligence is mandatory.

## **Artificial Radioactivity**

Artificial radioactive substances are not be permitted under any circumstances.

## **International Living Future – Red List**

All delivered products must comply with the latest version of the Red List of the International Living Future Institute (<https://living-future.org/>) in force. The supplier provides us a corresponding manufacturer's declaration of conformity.

## **General Requirement**

With changing of the above-mentioned directives, the supplier has to evaluate the compliance with the new directive.

In case of infringement, the supplier has to inform SMA immediately. However, the supplier is obligated to deliver SMA unrequested an updated manufacturer's declaration of conformity.

The Supplier has to send the information and declaration of conformity to the given SMA contact address: [Changenotification@SMA.de](mailto:Changenotification@SMA.de).