



**Title: Banned and declarable substances**

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From Dec 09, 2008 the WN 5020.010 replaces the existing Wieland list of banned and declarable substances UU-TQM-05/03.

## **1. Purpose and scope of application**

This Wieland standard provides rules regarding the ban of prohibited substances and mandatory declarations for all materials delivered to Wieland Electric.

This standard applies to all materials delivered to Wieland Electric such as

- material preparations
- basic materials
- manufactured goods such as
  - components
  - semi-finished goods
  - commodities
  - auxiliary supplies for manufacturing
  - packaging materials

in the following referred to as "materials".

Compliance with this standard is to enable Wieland Electric to fulfill all legal requirements for handling these materials in all phases of the product life cycle. Furthermore it is to be guaranteed that legal and customer requirements regarding the products' substances are fulfilled.

The supplier's obligation of meeting national laws and regulations is not affected by this standard.

## **2. Prohibition and declaration of substances**

### **2.1 Prohibited and declarable substances**

The rules regarding prohibited and restricted substances from the following regulations must be followed.

#### **2.1.1 Global Automotive Declarable Substance List (GADSL, currently valid revision)**

#### **2.1.2 EC directive "Restriction of the use of certain hazardous substances in electrical and electronic equipment" (2011/65/EC, EC RoHS, valid version)**



### 2.1.3 Packaging materials

In packaging materials the cumulative concentration of the following elements must not exceed the limit value of 100 ppm as defined in the EC packaging directive (94/62/EC):

- Lead
- Cadmium
- Mercury
- Chrome (VI)

### 2.1.4 REACH, Regulation (EC) no. 1907/2006

For all materials delivered to Wieland Electric according to item 1 (Purpose and scope of application), which are subject to the scope of REACH, the requirements as per the REACH regulation are to be considered and implemented (e.g. pre-registration, registration, ban and restrictions of substances, duty to inform, provision of Safety Data sheets).

### 2.2 Prohibition of substances

On principle, prohibited substances must not be contained in or released during usage of any delivered materials in concentrations exceeding the limit value indicated in the regulations under item 2.1.

### 2.3 Declaration of substances

Suppliers must declare any substances contained in materials delivered to Wieland Electric, if they are listed in one of the regulations specified under item 2.1 and if they exceed the concentration's limit value.

A substance marked as declarable ("D" in the GADSL list; REACH Candidate list of Substances of Very High Concern (SVHC list)), must be declared, if the limit value specified in the relevant regulations is exceeded.

With no concentration specified, the limit value of 0.1 mass percentage applies.

If limit values are specified for groups of materials, the supplier is to indicate the individual substances.

For manufactured goods the limit value refers to the relevant homogeneous material<sup>1</sup> or material preparation. For auxiliary supplies for manufacturing the limit value refers to the condition on delivery.

Declarable substances are to be declared providing their mass percentage and CAS number.

Declarations are to be provided for:

- Samples of new products
- Samples of modified products
- Initial orders



Independent of this standard's requirements the national requirements for reporting information regarding safety at work and environmental protection are to be fulfilled (e.g., EC safety data sheet according to EC Regulation 1907/2006, ann. II).

<sup>1</sup>(GADSL and EC RoHS definition)

## **2.4 Information about modifications**

Wieland Electric is to be informed immediately about the following modifications to materials:

- Modification to the composition of substances
- Addition or Change of classification of a substance contained in the regulations indicated under item 2.1.
- Previously incorrect declarations

## **3. Other applicable documents**

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