

Clarification of requirements set out in TR13-04-01 for reporting of materials and equipment upon handover

The purpose of requesting information about the composition of materials and products is to see how these affect the environment during their life cycle and what role they play in the ecocycle. When appropriately filled out, a declaration becomes a valuable form of documentation of a product's content. This gives Svenska kraftnät the opportunity to gain knowledge of the environmental impact of its operations throughout the entire service life of the installation. In addition, chemicals legislation imposes requirements on the manufacturer's obligation to provide information to recipients and users about which hazardous substances are present in goods. The material manufacturer must report this information, and you as the recipient have the right to demand this information.

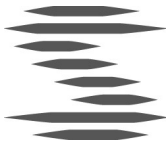
The following requirements are taken from Chapter 4, *Materials and equipment*, in TR13-04-01.

4.1 Information about the composition of materials and equipment

For all purchased products forming part of fixed installations (construction materials, equipment and chemical products, etc.) documentation must be available in the form of e.g. a building or environmental product declaration. The documentation shall be broken down by commodity/product and be in Swedish or in English.

The documentation shall contain at least:

- > Materials and components of the product. The content must be expressed in weight percentage (weight %) of the entire product or in grams.*
- > Information concerning any occurrence of the particularly hazardous substances on the candidate list of the REACH regulation (Article 59 of Regulation (EU) No 1907/2006) and in a concentration above 0.1 per cent by weight (1,000 mg/kg) per substance in the products offered. 0.1 per cent by weight applies to every component of a product.*
- > Information whether the product is classified as hazardous waste by demolition.*
- > Information about whether the product contains stand-alone chemicals, such as transformer oil in transformers. In these cases, information about the constituent chemicals, for example, a safety data sheet, must be provided - see Chapter 5.*



4.1.1 Reporting to the Customer

Building product declaration, environmental declaration or the equivalent, according to the requirements in 4.1 shall be reported as follows:

- > *For construction projects, the report should be included in the final documentation.*
- > *For ongoing maintenance work, the Supplier must regularly report documentation into the Customer's maintenance system.*

Clarification of *building product declaration, environmental product declaration* or equivalent

Building product declaration

As the name indicates, a declaration is self-declared, detailed information about a construction product made by the manufacturer. It contains information and instructions on how to handle the product during the design, use and disposal stages. Furthermore, the document also contains information about the product's environmental impact at different stages of its life cycle. ([*Everything you need to know about Building Product Declarations – Byggvarudeklarationer.se*](#))

Building product declarations in the construction industry are standardised. The industry standard is building product declaration eBVD 1.0 or eBVD2015 or the previous building product declaration BVD3 in line with the Swedish Recycling Council's guidelines. In a major collaboration project, the entire construction industry reached an agreement on what is to be registered. The format and content are owned by the Building Materials Industries, who monitor new regulations and develop the building product declaration in collaboration with the construction and real estate industry. Svenska kraftnät accepts the following building product declaration formats as forms of reporting.

Environmental product declaration

At Svenska kraftnät, we consider an environmental product declaration to be a self-declaration of the product's constituent materials and components, the presence of hazardous substances, and waste management, equivalent to a building product declaration. In this context, it is not synonymous with an EPD (environmental product declaration).

Corresponding reporting

If the manufacturer is unable to produce a building product declaration or environmental product declaration, Appendix 1 (p. 5) can be used for reporting.

Svenska kraftnät has also chosen to divide and clarify the reporting of *fixed installations* within different product groups as described below.



Clarification of product group *Fixed installations* (building materials and equipment, etc.)

Product group *Construction materials*

Requirements for building or environmental product declarations apply to solid building materials (e.g. steel) in different types of structural parts (concrete foundations, different structural parts for a building, steel pylons, etc.). A building product declaration must be obtained from the contractor's material suppliers or manufacturers. The contractor must ensure that the information is provided to Svenska kraftnät.

Solid building materials and chemical products must be reported in a building product declaration that follows Swedish Recycling Council guidelines.

Product group *Equipment, etc.*

For devices and equipment (e.g. batteries, transformers, units, circuit breakers) that may be used in Svenska kraftnät's operations, information must at least be reported for the following (use Appendix 1, see p. 5):

- > constituent materials and components of the product,
- > content of substances on the candidate list (and if they contain substances on Svenska kraftnät's prohibited list in concentrations equal to or above the respective substance's property criteria) and
- > information on the final handling of products in connection with demolition or scrapping,
- > information on whether products contain *built-in stand-alone* chemicals.

Built-in stand-alone chemicals

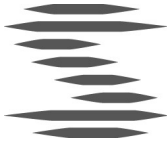
Built-in stand-alone chemicals do not only refer to oils that are consumed and filled during the product's lifetime, but also chemicals that are not supposed to be filled. For example, hermetically sealed devices and equipment. The purpose of the contractor providing safety data sheets for built-in stand-alone chemicals is so that chemicals are handled correctly either in the event of an injury/accident or in connection with demolition/disposal.

Reporting of building product declaration, environmental product declaration or equivalent not required

Screws, nails, nuts, metal strips, hanger tape, plastic strips or equivalent are not included.

Prequalified products

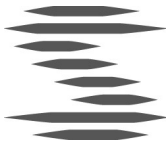
Specific manufacturer products prequalified by Svenska kraftnät.



Svenska kraftnät may in some cases have prequalified products such as transformers, circuit breakers, etc. Such prequalified products are approved for use within Svenska kraftnät's operations.

However, regardless of prequalification, the supplier must provide project-specific environmental documentation in accordance with TR01-04, Chapter 5.3 as the chemicals and material quantities may have changed or been updated after prequalification.

In projects, the contractor is responsible for requesting these documents from the suppliers of the procured material, ensuring that the documentation meets the set requirements, and that the correct documentation is available and delivered to Svenska kraftnät.



Appendix 1

Approximate quantity of constituent materials and components of the product. The content must be expressed in weight percentage (weight %) of the entire product or in grams.

EC/CAS and Classification are normally available for constituent materials. Below is an example of a DC motor report.

Constituent materials /components	Constituent substances	EC-no./ CAS-no (or alloy)	Weight % (of the entire product)	Classification	Comment (specify any application of non-harmonised classification)
aluminium	aluminium	7429-90-5	55		
Iron		7439-89-6	30	-	
PUR		9017-09-8	≤1		
Copper		7440-50-8	8		
Silicon		7440-21-3	1		
Neodymium		42320-27-4	0,5		
Chromium		7440-47-3	1		
other			4		RoHS 3 compliant

Hazardous substance content

If a composite, does the product or any of its sub-components contain substances with particularly hazardous properties (Substances of Very High Concern, SVHC) that are on the candidate list in a concentration of ≥ 0.1% by weight?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If Yes, please list these substances in the table above together with other substance content of the product.		
Specify the date (year, month, day) for reconciliation with the candidate list:	Date:	
The concentration is calculated at the component level according to the principle "once in existence, always in existence". The candidate list can be found here: http://echa.europa.eu/sv/candidate-list-table .		
If a composite, does the product or any of its subcomponents contain substances from Prohibited List TR 13-04-02?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, please list these substances in the table above together with other substance content of the product.		

Waste management

Final handling in connection with demolition or scrapping. Please describe:		
Is the delivered product covered by the WEEE Directive 2012/19/EU (Swedish ordinance 2014:1075) on producer responsibility for waste electrical and electronic equipment?	<input type="checkbox"/> Yes	<input type="checkbox"/> No

Stand-alone chemicals

Does the product contain stand-alone chemicals, such as transformer oil in transformers?	<input type="checkbox"/> Yes	<input type="checkbox"/> No
If yes, provide information about the constituent chemical in line with TR 13-04-01, Chapter 5.5		