

## Environmental Information

To:

Copy to:

The purpose of this template is to support the compilation of mandatory environmental information requested in the procedure for Industrial <sup>IT</sup> Enabled level 0.

The template is applicable to all hardware products.

Product name	REM 543 & 545 Machine Terminal
ABB Identity number	REM 543 & 545
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Business area	ATCF
Date	30.4.2002

### 1. Related documents

Industrial <sup>IT</sup> Architecture - Introduction and Definitions, 3BSE023904

Industrial <sup>IT</sup> Certification Overview, 3BSE023905

Industrial <sup>IT</sup> Certification Guideline, 3BSE024526

Industrial <sup>IT</sup> Enabled Level 0 - Information, Introduction and Definitions, 3BSE025934

*Ref documents:*

*[http://inside.abb.com/The Insider/Featured Portals/Industrial IT Deployment/06 Product Certification/Document Library](http://inside.abb.com/The_Insider/Featured_Portals/Industrial_IT_Deployment/06_Product_Certification/Document_Library)*

## 2. Template for Environmental Information

### 2.1 Content of hazardous materials

Declare the presence of hazardous materials in the product. Printed circuit boards are declared separately under 2.1.1 and should be excluded from the declaration in the table below.

Material	Example application	Yes	No	Quantity/unit <i>Optional</i> <sup>(1)</sup>
Lead	Batteries, cables		No	
Cadmium	Batteries, switches, additive in lead		No	
Mercury	Batteries, switches		No	
Beryllium	Contact springs		No	
Brominated flame retardants, e.g: PBB, PBDE, TBBPA	Additive in plastics or rubber	Yes		
HCFCs, e.g: R 22, R 123, R 141b	Cooling media		No	
SF6, sulphurhexafluoride	Breakers		No	
Polyvinyl chloride, PVC	Cables	Yes		

(1) Strive to declare the quantity. This is optional, however, since it is today sometimes difficult to retrieve such information, especially regarding supplied components.

#### 2.1.1 Printed circuit boards

Specify the amount of printed circuit boards used in the product by declaring the total board surface:

- < 1 dm<sup>2</sup>
- 1-10 dm<sup>2</sup>
- > 10 dm<sup>2</sup>
- No printed circuit boards used in the product

## 2.2 Recycling information

Is recycling information for the product available?

- Yes Ref. Document:.....
- No

If No, please specify, in the table below, the component/part/physical position where the material is present:

Material	Component/part/physical position
Lead	Printed Circuit Boards
Cadmium	
Mercury	
Beryllium	
Brominated flame retardants	Plastic parts
HCFCs	
SF6, sulphurhexafluoride	
Polyvinyl chloride, PVC	Cables

## 2.3 Energy use and/or losses during the operation of the product

Is energy use and/or losses during operation of the product specified in the product documentation?

- Yes Ref. Document: [REM54 Machine Terminal, Technical Reference Manual](#)
- No
- Not relevant