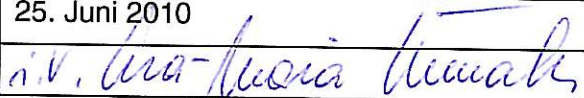




Doc. no. 2CDU 508 014 D0201  
Rev. ind. 01  
Date 2010-06-24  
From Frank Rösch  
Dept. DESTO/GM  
Phone +49 6221 701-629  
Fax +49 6221 701-724  
E-mail Frank.Roesch@de.abb.com

## Environmental Information

The purpose of this document is to provide environmental information requested in the procedure for Industrial <sup>IT</sup> Enabled level 0.

|                                                      |                                                                                      |
|------------------------------------------------------|--------------------------------------------------------------------------------------|
| Product name                                         | Air Quality Sensor<br>LGS/A 1.1                                                      |
| ABB Identity number                                  | 2CDG 120 038 R0011                                                                   |
| Information provided by<br>(Name and e-mail address) | Eva-Maria Kunath<br>eva-maria.kunath@theben.de                                       |
| Company Address                                      | Theben AG<br>Hohenbergstr. 32<br>72401 Haigerloch (Germany)                          |
| Date                                                 | 25. Juni 2010                                                                        |
| Signature                                            |  |

### 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%20Insider/Featured%20Portals/Industrial%20IT%20Deployment/06%20Product%20Certification/Document%20Library)

Group Function Sustainability Affairs

Doc. no. 2CDU 508 014 D0201  
 Rev. ind. 01  
 Date 2010-06-24

## 2. 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<br>Optional <sup>(1)</sup> |
|----------------------------------------------------|---------------------------------------|-----|----|------------------------------------------|
| Lead                                               | Batteries, cables, solder             |     | ✓  |                                          |
| Cadmium                                            | Batteries, switches, additive in lead |     | ✓  |                                          |
| Mercury                                            | Batteries, switches                   |     | ✓  |                                          |
| Beryllium                                          | Contact springs                       |     | ✓  |                                          |
| Brominated flame retardants, e.g: PBB, PBDE, TBBPA | Additive in plastics or rubber        |     | ✓  |                                          |
| HCFCs, e.g: R 22, R 123, R 141b                    | Cooling media                         |     | ✓  |                                          |
| SF6, sulphurhexafluoride                           | Breakers                              |     | ✓  |                                          |
| Polyvinyl chloride, PVC                            | Cables                                |     | ✓  |                                          |

(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

Doc. no. 2CDU 508 014 D0201  
 Rev. ind. 01  
 Date 2010-06-24

## 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                        | No                               |
| Cadmium                     | No                               |
| Mercury                     | No                               |
| Beryllium                   | No                               |
| Brominated flame retardants | No                               |
| HCFCs                       | No                               |
| SF6, sulphurhexafluoride    | No                               |
| Polyvinyl chloride, PVC     | No                               |

## 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 : Technical data sheet  
☐ No  
☐ Not relevant