District heating substation

Environmental declaration

Product name
Maxi
Product
District heating substation

COMPANY INFORMATION

Name, address, phone, fax, E-mail
Cetetherm AB
Fridhemsvägen 15
SE-372 38 Ronneby
Sweden
Phone +46 (0)457 75592

Date of declaration
2018-08-16

Quality security system is established
☑ Yes ☐ No
Quality security system is supported by ☑ Certified by ISO 9000
Environmental policy is established
☑ Yes ☐ No

General information: Cetetherm and its subcontractor Jitech has routines for approvals and environmental reports, delegating environmental responsibility, environmental declarations, environmental accounts, environmental information and environmental communication, supplier classifications, emergency preparedness, waste handling, chemical handling, etc.

PRODUCT INFORMATION, FIELD OF APPLICATION, MARKING ETC

Recommended field of application can be concluded from technical documentation
☑ Yes ☐ No
The product is provided with clear and durable marking (manufacturer, product name, No etc)
☑ Yes ☐ No
The marking links to technical documentation so the product can be clearly identified
☑ Yes ☐ No

PRODUCT INFORMATION, CONTENTS DECLARATION

Subject

1. RESOURCE USAGE

Content of                         Weight %
Carbon steel                     10-20
Stainless steel                  20-50
Copper/ Brass                    20-30
Other, depending on level of     1-10
equipment

Gaskets
Electronics, cables
Aluminum details
PUR/ ABS- insulation

2. PRODUCTION

Production facilities are subject to authorization or reporting in accordance with Regulations for environmentally hazardous activity and health protection (1998:899)
☑ Yes ☐ No

Environmental accounting in the latest balancing of the books
☐ Yes ☐ No

Production facilities are approved and registered under the EMAS-regulations
☐ Yes ☐ No

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3. DISTRIBUTION OF READY PRODUCT

The product is manufactured in
Tingsryd, Sweden
Packing material used
☑ Plastic ☑ Wood ☑ Cardboard/Paper ☑ Steel ☐ Other Metal
### 4. INSTALLATION

| Documented instructions for assembly and installation are available | Yes ☐ No ☒
| The instructions comprise demands and recommendations for: |
| - minimizing the waste | Not applicable ☐ Yes ☒ No ☐
| - condition description if the producer recovers the waste | Not applicable ☐ Yes ☒ No ☐

### 5. USE

| The product demands energy supply (electricity, fuel, etc) for operation in intended application | Yes ☐ No ☒
| The product demands chemical products (cooling medium, lubrication oil, etc) for operation in intended application | Yes ☒ No ☐
| The product emits environmentally straining emissions to air/water (outer environment) when operated as intended | Yes ☒ No ☐
| The product demands other products for normal maintenance (gaskets, filters, etc) | Yes ☒ No ☐
| Type of other products: Gaskets | Yes ☐ No ☒
| The product demands chemical products at normal maintenance (detergent, etc) | Yes ☒ No ☐
| Normal maintenance might give environmentally straining emissions to air/water (outer environment) | Yes ☒ No ☐
| It is possible to estimate the approximate life length of the product on beforehand | Yes ☒ No ☐
| Documented trade standard for expected life length at different conditions is available | Yes ☒ No ☐
| Documented instructions for operation and maintenance are available | Yes ☒ No ☐

The instructions comprise:
- How life length at normal wearing and intended use can be optimized | Yes ☒ No ☐
- Energy use, needed effects and water consumption during normal function | Yes ☒ No ☐
- How to dismount the product (take apart) | Yes ☒ No ☐
- How to recycle product and packing | Yes ☒ No ☐
- How to recover product material | Yes ☒ No ☐

### 6. DEMOLITION

| The product is prepared for environmentally suited dismounting (disassembly) | Yes ☐ No ☒
| The manufacturer/or assigned will take back the product | Yes ☐ No ☒

### 7. REST PRODUCTS

| Product recycling is possible | Yes ☐ No ☒
| Material recycling is possible | Yes ☐ No ☒
| Energy recovery is possible | Yes ☒ No ☐
| Energy recovery is recommended | Yes ☒ No ☐

No risk for environmentally straining emissions when burning
Instructions for the handling of waste products when burning not applicable

### 8. WASTE PRODUCTS

| Does the product comprise parts not possible to recover | Yes ☐ No ☒
| The product or product parts might be classified as hazardous waste | Yes ☐ No ☒