



Energy Supply / Stations & Cabins

Operation and maintenance

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Image 1



Description

Transformer stations, insulated stations, component cabins and technical cabins do not generally require any maintenance. However, in order to ensure an optimal level of corrosion protection and a long service life, it is necessary to inspect the products and repair any damage that may be caused by the surrounding environment and similar.

Inspections

We recommend inspecting the stations/cabins after approximately one year in operation to check for damage and to assess what kind of future wear is likely. Depending on the degree of wear identified, Priess A/S recommends carrying out an inspection, in which any damage that may have occurred is remedied, at intervals of every two to five years at most. This should of course be based on the assessment made during the first inspection. If there is no damage/wear, then the interval can be extended.

Image 2



Image 1

Example of a station with minimal mechanical impact due to the surfacing around the construction which prevents weeds from growing.

Image 2

Example of a station with paving slabs around it which ensure minimal mechanical wear to the surfaces. However, the location of the installation by the coast means that special attention needs to be paid to corrosion.



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Example of a station with considerable mechanical wear on the paint surface caused by vegetation.

Description

Special attention should be paid to stations and cabins in coastal areas and to installations that are exposed to salt and snow from the roads in the winter months.

Maintenance

Efforts should be made to keep stations and cabins free from grass, tree branches and other vegetation that is in physical contact with the building or at risk of coming into contact with it.

Door hinges need to be checked and lubricated with oil.

Stations should be inspected for paint damage and any damage identified must be remedied. You can order primer and topcoat by contacting Priess A/S. Remember to cite the order number that can be found on the door.

If no paint damage is found, or once such damage has been repaired and cured, the product should be sprayed with algae remover (at minimum the roof).

Repair of paint damage

Before paint repairs are carried out, any loose paint needs to be sanded off with sandpaper with a grit of 60–80. The surfaces should then be cleaned with a degreasing agent or thinner before paint is applied. In the case of older damage, we recommend priming the area with an epoxy primer F-294/2TX or similar.

Paint repairs may only be carried out in dry weather and at temperatures above 15°C.

When using paint products in general, it is important to always follow the safety instructions and technical guidance for the actual products concerned, and to use the prescribed safety equipment.

Paint can be ordered from Priess A/S by citing the order number.