

PCB DECONTAMINATION

**Expert in the
treatment of
PCB-contaminated
waste**



About PCB Decontamination

Since 1995, PCB Decontamination in Grimbergen treats electrical devices which have been contaminated by PCB (polychlorinated biphenyls) and recycles its metal content.

PCB Decontamination aims to offer a global solution for all the PCB containing devices, which must be made unusable in accordance with the Stockholm Convention, in order to be destroyed permanently.



About PCBs

PCB, or PolyChlorinated Biphenyls, and PCT PolyChlorinated Terphenyls are chlorinated chemical derivatives better known under the brand names of Askarel or Pyralene.

Since the 1930ies, PCB were used in the industry for their qualities of insulation, lubrication and flammability.

We found them as insulation in electrical transformers and capacitors, as lubricants in turbines and pumps, or as components of oils, welds, adhesives, paints and carbonless paper.

What we do

Our **objective** is to completely resolve your PCB problem. PCB Decontamination is able to treat:

- ▶ Oil or PCB transformers;
- ▶ Oil or PCB condensers;
- ▶ Other PCB electric equipment;
- ▶ Liquids contaminated with PCB in drums or tanks;
- ▶ Soils, rubble and all types of waste (absorbents, clothing, rags) contaminated with PCBs;
- ▶ Oil devices.

Process

Our production process aims at separating the metals from the other contaminated materials. These metals are then completely cleaned and can be recycled.

The quality of the metals is checked on a regular basis by a licensed laboratory.

PCB Decontamination can assure the handling, draining, loading and transport (by road or by boat) of dangerous materials, in perfect cooperation with our local partners.

We take care of the formalities related to waste removal towards the treatment center by providing the transporters with the required documents for the tracking of the dangerous waste (BSD, CMR, TTF) and then we send you the destruction certificates.

From their arrival, the transformers are registered and given a unique internal number to make them fully traceable. Their oil is pumped out and stored before incineration in our fully **permitted plant**.

After the transformers have been opened, the cores are separated from their casings before decontamination in our autoclaves.

The solvent that is used in our decontamination process is distilled by us in order **to be reused** in our **production cycle**.

After cleaning, the metals are **recycled**. The other waste (paper, wood and cardboard) are incinerated in fully permitted and audited facilities.

Decontamination process

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