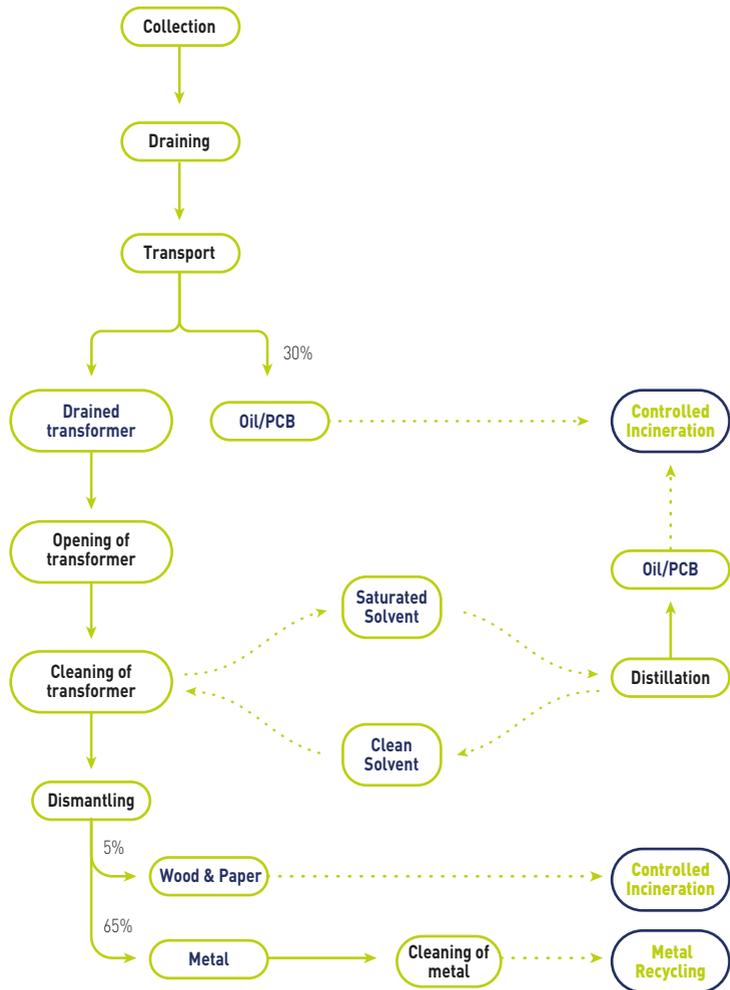


SUEZ PCB

Decontamination : The Process

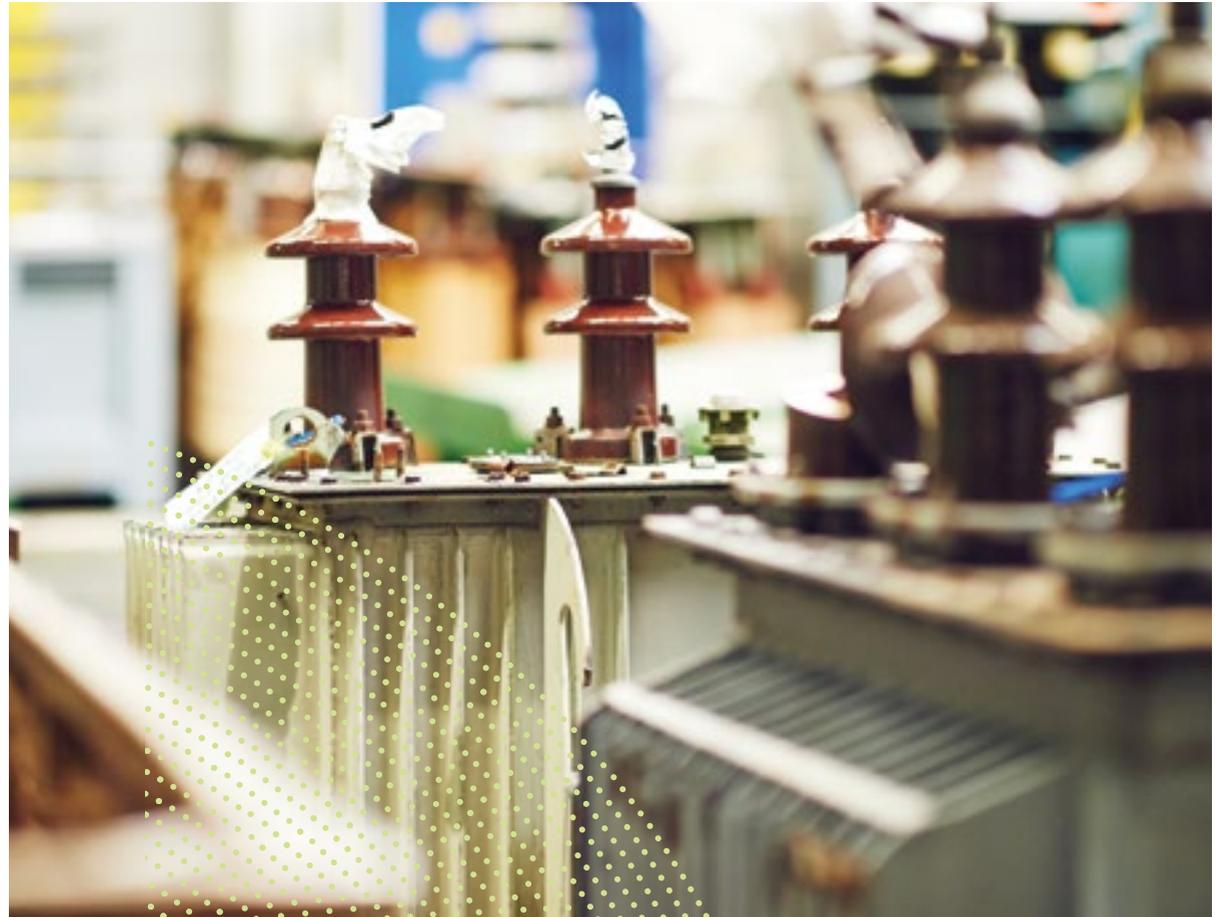


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SUEZ PCB Decontamination

Expert in the
treatment
of PCB-
contaminated
waste



Who are we ?

Founded in 1995, SUEZ PCB Decontamination SA is the SUEZ company specialised in the management and treatment of electric appliances and other waste contaminated with PCBs.

Having all the necessary permits, our advanced decontamination methods allow **the recycling of reusable metals** and **the destruction of PCB waste** (solid and liquid) in an incineration plant licensed for hazardous waste.



► What are PCBs?

PCB, or PolyChloroBiphenyls, also called Pyralene or Askarel are chemical compounds that were used by the industry between the 1930's and 1980's for their **insulating, lubricating and fire-retardant properties**.

You can find them in many electric appliances, turbines and pumps but also as weld, adhesives and paint components. They were completely **banned in 1987**.

Because they are not bio-degradable, PCBs can accumulate in our food chain. PCBs can cause adverse effects on our immune, neurological and endocrine systems. They can also cause cancer.

Therefore it is essential to call in specialised companies with personnel trained in handling PCBs.



► What do we do?

Our **objective** is to completely resolve your PCB problem. SUEZ 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

SUEZ 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 centre 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**.

► 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.

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.