

Environmental Work Method Statement

PCB Sampling



1. PCB Sampling

Collection of PCB oil samples must be undertaken in accordance with the instructions in this EWMS. PCB oil samples should be sent to Ausgrid's Insulating Oil Testing Laboratory.

2. Sampling oil and oil filled equipment

These requirements must be undertaken when sampling oil or equipment:

1. Collect PCB oil samples in clean jars. Jars and sample tags are available from the Insulating Oil Testing Laboratory, email tim.yang@ausgrid.com.au.
2. Drain all water from equipment prior to collecting oil samples for testing.
3. Collect 20-30 mL of oil for PCB content testing.
4. Label sample jars with a pre-printed sticker label as shown in Figure 1. Alternatively, a label can be tied to the sample jar if sticker labels are not available.

The following information must be included on the sample labels:

Supervisor	Depot
Work Order No.	Cost Centre
Equipment Tx, OCB, CT, VT, RMI, Fuse Switch or	
Sub No.	Sub Name
SAP No	
Inventory No. (from SAP)	
Serial No.	
Manufacturer	Date sampled

Labels are available from Ausgrid's Insulating Oil Testing Laboratory, email tim.yang@ausgrid.com.au.

Note: If oil has been drained from equipment into drums, then the sample tag must include details sufficient to identify the drum, location and where the oil came from.

5. Care should be taken to avoid cross-contamination of oil samples from different items of equipment.
6. Deliver samples to the laboratory as soon as possible (within 7 days).

3. Oil containment tank sampling

These requirements must be undertaken when sampling oil containment tanks:

- Collect samples in clean 1 L sample bottles (fill completely). These can be supplied by the laboratory.
- Collect an oil sample from the top of the tank above the water level.
- Label sample bottles either on the bottle or with a tied pre-printed label.

- Include the following information on the sample labels:
 - substation number and substation name
 - date of sampling
 - details of which chamber or oil containment tank the sample was collected from.
- Deliver samples to the laboratory as soon as possible (within 7 days).

4. Sample results

Oil sample results will be made available within 5 working days of receipt of the sample. Allowances can be made for emergencies.

Samples which do not meet the sampling requirements may be rejected by the laboratory.