

**Electrical Test Laboratory
TEST CERTIFICATE**


SUBSTATION: _____

DATE: _____

OIL TEST REPORT

	DESCRIPTION
SUBSTATION	
TRANSFORMER	
MAKE	
DATE OF MANUFACTURE	
SERIAL No.	
KVA RATING	
VOLTAGE HV/LV	
DATE OF SAMPLE	
OIL VOLUME GAL/LITRE	

	TEST RESULTS	ACTION REQUIRED
	BOTTOM SAMPLE	
OIL TEMPERATURE DEG. C		
WATER CONTENT/KARL FISCHER (ppm)		
APPEARANCE/COLOUR OF OIL		
N.N. ACIDITY mg KOH/g OIL		
DIELECTRIC BREAKDOWN STRENGTH AVR. (kV)		
RECOMMENDATION		

A THE SAMPLE COMPLIES WITH THE REQUIREMENTS.

B THE OIL MUST BE FILTERED IN ORDER TO IMPROVE ITS DIELECTRIC BREAKDOWN STRENGTH.

C THE OIL MUST BE FILTERED WITH HEAT AND VACUUM IN ORDER TO REMOVE THE EXCESS MOISTURE.

D OIL MUST BE REGENERATED/REPLACED AND A SAMPLE SUBMITTED AFTER 6 MONTHS. (SHOULD THE ACIDITY HAVE INCREASED BY MORE THAN 0.03mg KOH/g OIL, THE TRANSFORMER SHALL BE DE-SLUDGED).

E A SLUDGE TEST MUST BE CARRIED OUT. PLEASE SUBMIT SAMPLE FOR TEST.

TESTED BY: _____