



ANALYTICAL SERVICES INCORPORATED

TCA™

**TRANSFORMER CONDITION ASSESSMENT
TRANSFORMER FLUID
SAMPLE DATA**

ACN 0968 16081

RETURN COMPLETED TO:

**MAHANGA HOLDINGS LTD
24b WILLIAM PICKERING DRIVE
ALBANY
(P O BOX 40221 GLENFIELD)
AUCKLAND
PH 09 444 0663
FAX 09 444 1526**

Send Kit To: _____

Job Ref:

P.O # (If applicable) _____ Sampled By: _____
Syringe Number _____

Sample Date				
Sample Location	(Substation/PHPP)			
Equipment Number				
Bank and Phase				
Serial Number	(Nameplate)			
Manufacturer	(Nameplate)			
Date of Manufacture	(Nameplate)			
Where Manufactured	(Nameplate)			
KVA Rating	(Nameplate)			
Primary kV	(Nameplate)			
Secondary kV	(Nameplate)			
Tertiary kV	(Nameplate)			
Fluid Volume	(Nameplate)			
Cooling	(Nameplate)			
Core & Coil Weight	(Nameplate)			
Oil Filtered/Unit Serviced	(Yes/No)			
Winding Temperature				
Top Oil Temperature				
Sample Temperature				

ALL TESTS BELOW ARE REQUIRED FOR TCA DIAGNOSTICS

- Dissolved Gas Analysis (IEC-599)
- Particle Profile
- Moisture in Oil (IEC-814)
- Dielectric Breakdown (ASTM D-1816)
- Acid Number (IEC-296)
- Interfacial Tension (ISO-6295)
- Color (ISO-2049)
- Furan Analysis

Instructions: Please check with your laboratory services provider for preferred sample collection methods. Flush four litres of oil through the drain valve prior to collecting samples.

PLEASE REMEMBER TO MARK 'TCA SAMPLE' ON SAMPLE CONTAINERS. THANK YOU.

Mahanga Holdings Ltd
PO Box 40221 Glenfield
24b William Pickering Drive
Albany, Auckland
Urgent Inquiries: Ph 9 4440663 Fax 09 4441526

- Reason for Test**
- Routine Test
 - Retest
 - This is a return to Service Test