Calibration Report

ISSUED BY : *ATE CALIBRATION LABORATORY*

ADVANCED TECHNOLOGY EQUIPMENT CO.,LTD.
29/19-20-21-22 Rama 9 Road, Huaykwang,
Bangkok 10320, Thailand.

Email : service@advanced.co.th
Tel. 0 - 2643 - 0982 EXT. 117
Fax. 0 - 2246 - 2237

Equipment	Oil Dielectric Test Set	**Report No.**	51083
Manufacturer	Foster		
Model	OTS 60 AF	**CRS No.**	N/A
Serial No.	1009 M588990		
ID No.	N/A	**Date Received**	13-Feb-09

Client R Engineering Support Co.,Ltd
208/32 Muangthong 2/1,Pattanakarn Rd.,
Pravet,Bangkok 10250

Procedures This instrument was allowed to stabilise in the laboratory environment. The calibration was performed in accordanced with ATE Work Instruction " PCD 04 "

Ambient Temperature 24.2 °C **Relative Humidity** 52 %

Date of Calibration 17 - Feb -09

Calibrated By Sutthichai Ponchar

The reported uncertainties are base standard uncertainty multiplied by a coverage factor k = 2, providing a level of confidence of approximately 95%. The uncertainty relate only to the measured value and do not carry any implication the long term stability of the instrument.

Date of Issue 17-FEB-09

ATE ADVANCED TECHNOLOGY EQUIPMENT
Tel : 643-0982, 246-2247

Authorized Signature
Chatree Kruamai

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Traceability and Standards Uses

Item	Description / Model	Serial No.	Calibrated By	Certificate No.	Traceability to	Due Date
1.	*Voltage Calibration Meter / VCM 100*	*020402 / 1621*	*Megger*	*COM62497*	*See Note*	*26 -Aug - 10*

Note : -

NPL : National Physical Laboratory (UK)

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Oil Dielectric Test Set Calibration Data Sheet

Standard Value	UUC. Reading	Deviation	Estimate Uncertainty
9.90 kV.	9 kV.	-0.90 kV.	0.6 kV.
20.1 kV.	19 kV.	-1.10 kV.	0.7 kV.
29.84 kV.	30 kV.	0.16 kV.	0.8 kV.
39.96 kV.	39 kV.	-0.96 kV.	0.9 kV.
50.18 kV.	49 kV.	-1.18 kV.	1.0 kV.
60.65 kV.	59 kV.	-1.65 kV.	1.1 kV.

Note : -

- The uncertainty values stated in this measurement report have been calculated at the 95% level of confidenced. This means that chance that the reported value is in error by more than the stated uncertainty is five in one hundred.