Transmag (UK) Limited
Units 2&3, St Andrews
Bayly Works, Great Barr Street
Birmingham, B9 4BB
Tel: 0121 753 4390
Fax: 0121 773 9369

Issue Date: 1/94 Form: TM TV-24B
Rev C Date: 11/08
By: MS App: ADC

VOLTAGE TRANSFORMER CERTIFICATE OF TEST

BSI Registration No. FM 39664

Sales Order: 24-4907
Ins. Level: 36-70-170kV
Frequency: 50 Hz
Tested to Specification: IEC61869-1-3 / BS3941-1975
Type: AN/~~ON~~ ID/~~OD~~

Customer: SIEMENS
Order No:

Ratio: 33000-110-190 Volts. Rated Burden: 100/50 VA/Ph. P.F. 0·8 Class: 0·5
Phases: 3 Voltage Factor: 1·9/8HRS Connections: STAR/STAR/DELTA a1 b1 c1 n1

Serial Number		3KP 703		3KP704					
Burden %	Phase Connection	Ratio Error %	Phase Error Mins	Ratio Error %	Phase Error Mins	Ratio Error %	Phase Error Mins	Ratio Error %	Phase Error Mins
100	A•B	-·120	+9.9	-·211	+8.4				
	B•C	-·180	+6.0	-·260	+5.4				
	C•A	-·236	+9.8	-·288	+8.0				
25	A•B	+·374	+5.4	+·283	+4.0				
	B•C	+·332	+3.0	+·264	+3.9				
	C•A	+·308	+5.4	+·302	+4.4				
Residual Voltage		1.24		1.23					

Ratio: Volts. Rated Burden: VA/Ph. P.F. Class:
Phases: Voltage Factor: Connections:

Serial Number									
Burden %	Phase Connection	Ratio Error %	Phase Error Mins	Ratio Error %	Phase Error Mins	Ratio Error %	Phase Error Mins	Ratio Error %	Phase Error Mins
100	A•B								
	B•C								
	C•A								
25	A•B								
	B•C								
	C•A								
Residual Voltage									

Markings Checked O.K
Polarity Checked O.K

Withstand Voltage Test (1min)	H.V. to L.V., Core and Earth		kV
	L.V. to H.V., Core and Earth		kV
Over Potential Test	secs	Hz	
Insulation Resistance	H.V. to L.V., Core and Earth		Megohms
	L.V. to H.V., Core and Earth		Megohms

Remarks: a2 b2 c2 n2 WIRING CHECKED O.K

Partial Discharge pCoulombs at 1.1/1.2 Um/√3

A	B	C	A	B	C	A	B	C	A	B	C
A	B	C	A	B	C	A	B	C	A	B	C

Test Results confirm conformance with the requirements of IEC 61869-1-3

Date: 18-12-17 Signed: MARK STEPHENS Checked: Transmag M.S Test