

Customer: SDV Limited

WE Order No: 20382/1

Site: Felixstowe

Customer Plant No: -

MAKE	Winder	RATING	10-16 MVA
SERIAL NUMBER	T19183/1	VECTOR GROUP	YND11
PRIMARY VOLTAGE	34400	SECONDARY VOLTAGE	11000
OIL QUANTITY	9080 Litres	SAMPLE POINT	Bottom

ANY PHYSICAL DAMAGE	Minor Scratches			
PAINTWORK	Fair			
RATING PLATE FITTED	Yes			
YEAR OF MANUFACTURE	2007			
IMPEDANCE	9.95%			
AUXILIARY TRANSFORMER / VT	N/A			
TAP CHANGER (ON OR OFF-LOAD)	On Load			
HV CABLE BOX / BUSHINGS	33kV Air			
LV CABLE BOX / BUSHINGS	11kV Air			
CONSERVATOR	-			
RADIATORS	-			
SIGHT GLASS / OIL LEVEL	-			
BUCHHOLZ DEVICE AND VALVES	YES			
OIL TEMPERATURE INDICATOR	ACTUAL READING:	°C	MAX READING:	°C
WINDING TEMPERATURE INDICATOR	ACTUAL READING:	°C	MAX READING:	°C
PRESSURE RELEASE DEVICE	Yes			
MAGNETIC OIL GAUGE	-			
OIL FLOW RELAY	-			
TAP CHANGER PRESSURE RELAY	-			
BREATHER TYPE & CONDITION	-			
COVERS & LABELS	Good			
EARTHING STATUS	-			
CIRCULATION PUMP (NUMBER & SIZE)	-			
COOLING FANS	-			
DRAIN VALVE / OTHER VALVES	Good			
UNIT CHECKED FOR OIL LEAKS	-			
PARTIAL DISCHARGE READINGS	-			
IS TRANSFORMER BUNDED	-			

OIL TEST REQUIREMENT	FULL	OIL SAMPLE NUMBER	8654
OIL TEMPERATURE		AMBIENT TEMPERATURE	

REMARKS New DN50 Valve Fitted.

Inspected By: A. Pickles

Date: 23-06-12

Revision: I

Date: 15th February 2012

Authorised By: J. Stockwell

Customer: SDV Limited

WE Order No. 20382/1

Site: Felixstowe

Customer Plant No.

Serial No. T19183/1

Description Transformer

Transformer Rating: 10-16 MVA

Transformer Ratio: 34400-11000

CORE TO EARTH INSULATION RESISTANCE TEST

TESTING TO BE CARRIED OUT AT 500V DC FOR AROUND ONE MINUTE

Test Voltage (v DC): 500

Duration (s): 60

Resistance (MΩ): 18.4

TEST EQUIPMENT SERIAL NUMBER: SN366

PHASE TO PHASE & PHASE TO EARTH INSULATION RESISTANCE TEST

TESTING TO BE CARRIED OUT AT 1kV DC FOR ONE MINUTE FOR LV & 5kV DC FOR ONE MINUTE FOR HV

	HV - E	LV - E	HV -LV
Test Voltage (kV DC):	5	1	5

	HV - E	LV - E	HV -LV
Duration (s):	60	60	60

	HV - E	LV - E	HV -LV
Resistance (GΩ):	41G	40G	76G

TEST EQUIPMENT SERIAL NUMBER: SN366

POWER FREQUENCY WITHSTAND VOLTAGE (FLASH TEST)

TESTING TO BE CARRIED OUT AT SPECIFIED DC VOLTAGE FOR AROUND ONE MINUTE

	HV - E	LV - E
Test Voltage (kV DC):		

	HV - E	LV - E
Duration (s):		

	HV - E	LV - E
Leakage Current (mA):		

TEST EQUIPMENT SERIAL NUMBER:

POWER FREQUENCY WITHSTAND VOLTAGE (FLASH TEST) TABLE

EQUIPMENT VOLTAGE (kV)	FLASH TEST VOLTAGE (kV for 60s)	
	New Equipment	Used Equipment
1.1	3.2	2.4
3.6	10.6	8
7.2	21.2	15.9
12	29.7	22.3
17.5	40.3	30.2
24	53	39.8
36	74.2	55.7

TEST ENGINEER: A Pickles

DATE: 26/06/2012

REVISION: C

DATE: 15th February 2012

AUTHORISED: J. Stockwell