BALDWIN & FRANCIS LIMITED

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TITLE

TRANSFORMER SPECIFICATION
750kVA 10kV / 1000V
SNSG. Quote ref: V3282C

BALDWIN & FRANCIS REFERENCE NUMBERS	
Contract reference	9004353
Purchase order number	
Style number	TRANS9004353
Number of transformers	3
Transformer tank	B&F
Transformer core & coils	Transmag

BB&F REFERENCE NUMBERS	
BB&F reference	BB&F/T/XXX
Enquiry number	B&F/xxxx
Enclosure	TBA
Core & coils	NO
Water pressure test	To be witnessed by BB&F

ENCLOSURE DETAILS	
Material	Mild steel
Ingress protection	Standard - IP55
Transformer rating	750kVA
Tank size	TBA
External paint spec / colour	White to PS/0008
Internal paint spec / colour	Black to PS/0008
Temperature monitoring	3 x PT100 wired to HT end
Drain plug & position	25mm, end wall.
External earth bosses	HT and LT ends of tank

ENCLOSURE DETAILS	
Height	
Width	
Depth	
Transformer tank weight	
G.A. drawing reference	

ENCLOSURE FIXTURES	
Wheels (4) and axles (2)	No
Skid base	Supplied by UK
Alignment dowel sockets	No
Lifting points	4
Hi tensile bolts	Yes

LABEL DETAILS - FITTED AT B&F	
Label language	Norwegian
FLP identification label	9709.1XXX
Drain plug warning label	8068.6089
Warning label (covers)	2 off 8068.5452

HT FLANGE DETAILS	
Flange type	TD8210
Height (base to centre line)	705mm
Moulding type / qty.	3 off 3518.2001
Moulding orientation	
Compression glands	1 off M25 for PT100
Auxiliary terminals	4 to LT end, 9801.1023

LT FLANGE DETAILS	
Flange type	TD8124
Height (base to centre line)	740mm
Moulding type / qty.	1 + 1, 2918.2135 & 2141
Moulding orientation	Horizontal mounting
Compression glands	Blank, 6818.2219
Auxiliary terminals	4 to HT end, 9801.1023

TRANSFORMER ELECTRICAL DETAILS	
Type	Double wound (Type 2)
Rating	750kVA
Number of phases	3
Frequency	50Hz
Primary voltage	10kV
Over-voltage capability	110% at full load
Primary tappings	±5%.
Secondary voltage	1000V on load
Secondary tappings	None
Vector type	Dyn11
Impedance	< 6%
Insulation class	C
Specification	IEC60726/BS5067
Test requirements	To QPFLPTRANS-TR2000
Heat run required	No

TRANSFORMER ELECTRICAL DETAILS	
Primary current	34.6 Amps
Secondary current	329.9 Amps
Winding temp rise by res.	180 °C
Iron loss	2300 Watts
Copper loss	3800 Watts
Number of limbs	3

ISSUE	A	B	C	D	E	F	G	H	REFERENCE	9004353
DATE	14.05.10	16.07.10							SHEET NOS.	1 of 2
INITIAL	MN	JDL								