

3x150 TPH BOILER PACKAGE ALONG WITH STEAM TURBO-BLOWER BUILDING (EXCLUDING ENABLING WORKS), PKG NO:- 011-01A



TECHNICAL DATA SHEET OF AUXILIARY TRANSFORMER (1MVA/2MVA)

TECHNICAL DATA SHEET OF AUXILIARY TRANSFORMER

(1MVA/2MVA)

CATECODY		V			
CATEGORY	APPROVAL	INFORMATION	REFERENCE	RECORD	CONSTRUCTION
CLIENT	Steel Authority of India Ltd. Bhilai Steel Plant Bhilai, Chhattisgarh				
CONSULTANT	HONO COMPACT	MI	ECON Limi Ranchi	ted	
	CONSORTIUM OF:				
CONTRACTOR	No. 81, Lingy	Longking Co. Lto ruan Road, Longyan o n Province, China	City, Plot	no. 293, Keha	y Systems Pvt. Ltd. r Singh Estate, West End ab, New Delhi-110030
PACKAGE	3x150 TPH Boilers along with Steam Turbo-Blower Building (Excl. Enabling Works)				
1 / CIMIGE	[PKG NO. 011-01A]				

REVIS	SION HISTORY	•			
Rev.	Rev. Date	Prepared By	Checked By	Approved By	Description
00	13-05-13	M/s Voltamp	M/s Voltamp	M/s Voltamp	Submitted For Information

Document No:-			Sub. Date		Rev. No.		Format	NO. OF SHEETS
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Prepared By	M/s Voltamp	Check	ked By	M/s	Voltamp	Appro	ved By	M/s Voltamp

VOLTAMP TRANSFORMERS LIMITED

JAROD-SAVLI ROAD, VILL.-VADADLA, TAL.-SAVLI, DIST.-VADODARA, GUJARAT, INDIA



Client : Longking Engineering India Pvt. Ltd.

Cunsaltant : Mecon Ltd., Ranchi

Project : 3X150 TPH Boiler & Turbo Blower System at Bhilai Steel Plant at Chattisgarh

P.O. No. : LK1304C-WFD004-D003 Dtd. 18.04.13

Voltamp's REF. NO. : 61620

Date: 02.05.2013

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Data Sheet for 01 No. 1000 kVA, 6.6 / 0.433 KV Cast Resin Dry Type Transformer

MAKE VOLTAMP TRANSFORMERS LTD

TYPE OF TRANSFORMER Cast Resin Transformer

LOCATION OF TRANSFORMER Indoor

RATING 1000 kVA

VOLTAGE RATIO (HV / LV) 6.6 0.433 kV

VECTOR GROUP Dyn11

TAPPING RANGE +5.0% | -5% | Steps : 2.50%

TAPPING BY Off Circuit Tap Links

TAPPINGS ON On HV side

CLASS OF INSULATION "F"

TEMPERATURE RISE IN WINDING 80 °C Over Ambient: 50 °C

% IMPEDENCE AT 75℃ & PRINCIPAL TAP 5.00 % (IS Tol.)

NO LOAD LOSS 1.8 KW (MAX)

FULL LOAD LOSS AT 75℃ 11.0 KW (MAX)

ENCLOSURE PROTECTION IP 42

EFFECIENCY*

% LOAD	1 PF	0.8 PF
100	98.74	98.43
75	98.95	98.69
50	99.10	98.88

REGULATIONS *

% LOAD	1 PF	0.8 PF
100	1.219	3.859

PAINT SHADE Epoxy: 632 of IS 5

I.& Approved By:

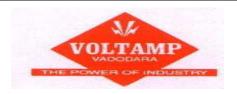
Checked & Approved By:

^{*} The above furnished values of Efficiency & Regulation are based on Losses / Impedance. Which are subjected to the Tolerance as applicable of Losses & Impedance.

^{**} Prepared by : Vipul Ajmeri

VOLTAMP TRANSFORMERS LIMITED

JAROD-SAVLI ROAD, VILL.-VADADLA, TAL.-SAVLI, DIST.-VADODARA, GUJARAT, INDIA



Client : Longking Engineering India Pvt. Ltd.

Cunsaltant : Mecon Ltd., Ranchi

Project : 3X150 TPH Boiler & Turbo Blower System at Bhilai Steel Plant at Chattisgarh

P.O. No. : LK1304C-WFD004-D003 Dtd. 18.04.13

Voltamp's REF. NO. : 61619

Date: 02.05.2013

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Data Sheet for 04 Nos. 2000 kVA, 6.6 / 0.433 KV Cast Resin Dry Type Transformer

MAKE VOLTAMP TRANSFORMERS LTD

TYPE OF TRANSFORMER Cast Resin Transformer

LOCATION OF TRANSFORMER Indoor

RATING 2000 kVA

VOLTAGE RATIO (HV / LV) 6.6 0.433 kV

VECTOR GROUP Dyn11

TAPPING RANGE +5.0% | -5% | Steps : 2.50%

TAPPING BY Off Circuit Tap Links

TAPPINGS ON On HV side

CLASS OF INSULATION "F"

TEMPERATURE RISE IN WINDING 80 °C Over Ambient: 50 °C

% IMPEDENCE AT 75℃ & PRINCIPAL TAP 6.25 % (IS Tol.)

NO LOAD LOSS 3.5 KW (MAX)

FULL LOAD LOSS AT 75℃ 18.0 KW (MAX)

ENCLOSURE PROTECTION IP 42

EFFECIENCY*

% LOAD	1 PF	0.8 PF
100	98.94	98.67
75	99.10	98.88
50	99.21	99.01

REGULATIONS *

% LOAD	1 PF	0.8 PF
100	1.091	4.528

PAINT SHADE Epoxy: 632 of IS 5

d & Approved By:

Checked & Approved By:

^{*} The above furnished values of Efficiency & Regulation are based on Losses / Impedance. Which are subjected to the Tolerance as applicable of Losses & Impedance.

^{**} Prepared by : Vipul Ajmeri