

CPRI

TEST REPORT



Central Power Research Institute

(A Govt. of India Society,
P.B. No. 8066, Sadashivanagar, S.P.O.
Prof. Sir. C.V. Raman Road,
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CPRI

HIGH VOLTAGE DIVISION
CENTRAL POWER RESEARCH INSTITUTE

P.B. NO. 8066, SADHASHIVNAGAR SUB P.O.
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NABL Accredited
Laboratory
Certificate No. T-0010

MEMBER STL

Sheet 1 of 3

TEST REPORT

Test Report Number : No.43/1/2010-HV/8339/FPPL Dated : 09-08-2010

Name & Address of the Customer : M/s. Fibradite Products Pvt. Ltd.,
4-15, HMT Main Road, Bangalore-54.
Ref No.: Test/2010. Dated: 05-08-2010

Name & Address of the Manufacturer : M/s. Fibradite Products Pvt. Ltd.,
4-15, HMT Main Road, Bangalore-54.

Particulars of sample tested

Condition of the Sample on Receipt : New.

Type : Air Core.

Designation : 33kV, 10.95mH, Single phase, Air core series Reactor.

Serial Number : 1ph/10.95mh/24/10.

Number of samples tested : One.

Date(s) of Test(s) : 06-08-2010.

CPRI Sample Code Number : HVML 2010 S0785.

Particulars of tests conducted : 1. Lightning Impulse Voltage Withstand Test (Dry) across terminals.

Test in accordance with standard/ Specification : IS 5553 (Part III)/1990 RA 2003.

Sampling plan : Not Applicable.

Customer's requirement : Nil.

Deviations if any : Nil.

Name of the witnessing persons

Customer's representatives : Mr. V.R.G. Kaimal & Mr. Pramod Kumar.

Other than Customer's representatives : None.

Test subcontracted with : Nil.

Address of the laboratory

Documents constituting this report (in words)

Number of sheets : Three.

Number of oscillogram/s : Sixteen.

Number of graphs : Nil.

Number of photo/s : Nil.

Number of Test circuit diagrams : Nil.

Number of drawings : One { Drawing No. 1) 1Ph/10.95mh/24/10 amd 2}

(K.R.DASHARATHI)
Test Engineer



(P.V.VASUDEVAN NAMBU DIRI)
Additional Director



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Sheet 2 of 3

Test Report No. 43/1/2010-HV/8339/FPPL

Dated : 09-08-2010

1. LIGHTNING IMPULSE VOLTAGE WITHSTAND TEST (Dry) ACROSS TERMINALS

HV connected to	Earth connected to	Shot No.	Negative Polarity *		
			Wave Type	Test Voltage (kV Peak)	Osc. No.
Top Terminal	Bottom Terminal through Shunt.	1	RFW	137	002
		2	FW	200	005
		3	FW	200	006
		4	FW	200	007
Bottom Terminal	Top Terminal through Shunt	1	RFW	138	009
		2	FW	200	010
		3	FW	200	011
		4	FW	200	012

Result: The Air Core Series Reactor has Withstood the above mentioned impulse voltage applications.

* These voltages are applied under ambient conditions which are as given below:

Temperature in Degree Celsius		Atmospheric Pressure in mm of Hg
Dry	Wet	
* 25.5	21.5	683


**(K.R.DASHARATHI)
Test Engineer**



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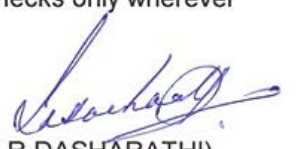
Sheet 3 of 3

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NOTE

- a) The test results relate only to the item(s) tested.
- b) Publication or reproduction of this test report/certificate in any form other than by complete set of the whole report and in the language written is not permitted without the written consent of CPRI.
- c) Any corrections/erasure invalidates this test report/certificate.
- d) Any anomaly/discrepancy in this test report/certificate should be brought to our notice within 45 days from the date of issue.
- e) The verification of the sample drawings by CPRI is limited to dimensional checks only wherever possible.


(K.R.DASHARATHI)
Test Engineer