

CPRI

TEST REPORT



Central Power Research Institute

(A Govt. of India Society)

P.B.No. 8066, Sadashivanagar Post Office,
Sir C.V. Raman Road,
Bangalore - 560 080 (INDIA)



CPRI

SHORT CIRCUIT LABORATORY
CENTRAL POWER RESEARCH INSTITUTE
(Member of STL)

P.B.NO.8066, SADASHIVANAGAR POST OFFICE
SIR C.V.RAMAN ROAD, BANGALORE - 560 080 (INDIA)
Phone : +91 (0) 80 - 23602662 Fax : +91 (0) 80 - 23601213



T-0010

Sheet 1 of 5

TEST REPORT

Test Report Number	SC09617N	dated: 4 th November, 2009
Name & Address of the Customer	M/s. Krishnaa Energy Private Limited, DP:69, SIDCO Industrial Estate, Thirumudivakkam, Chennai - 600 044	
Name & Address of the Manufacturer	M/s. Krishnaa Energy Private Limited, DP:69, SIDCO Industrial Estate, Thirumudivakkam, Chennai - 600 044	
Particulars of sample tested	L.T. Current Transformer	
Condition of the sample on Receipt	New	
Type	Indoor, ring, resin cast	
Designation	---	
Serial Number	014 / 09	
Number of samples tested	One	
Date (s) of test (s)	23 rd September, 2009	
CPRI sample code no(s)	SC09S1822	
Particulars of tests conducted	Accuracy	
Test in accordance with Standard / specification	Sub-clause 7.1.1.1 of IS 2705 (Part 2): 1992 (Reaffirmed 2002)	
Sampling plan	Not applicable	
Customer's requirement	None	
Deviations if any	Nil	
Name of the witnessing persons		
Customer's representative	Mr. K. S. Suresh Kumar, Manager - Production	
Other than customer's representative	None	
Test subcontracted with address of the laboratory	None	
Documents constituting this report (In words)		
Number of sheets	Five	
Number of oscillograms	Nil	
Number of graphs	Nil	
Number of photos	Nil	
Number of test circuit diagrams	Nil	
Number of drawings	One	


(Nagananda)
Test Engineer




(B. R. Ravishankar)
Joint Director

AUTHORISED SIGNATORIES



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Report Number: SC09617N

Description of sample tested (rating as assigned by the manufacturer)

Test sample	Current transformer
Type	Indoor, ring, resin cast
Designation	---
Serial number	014 / 09
Nominal system voltage	0.66 kV
Highest system voltage	0.72 kV
Rated insulation voltage	3.0 kV
Frequency	50 Hz
Number of cores	One
Rated Output-VA	15
Accuracy class	0.5
Rated transformation ratio	1000 / 5 A

Documents attached to this report

Drawing number (s)

KEPL-LTRCT-014 SHT.No. 1 OF 1 REV. 0

Ragunatha
Test Engineer



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Report Number: SC09617N

Schedule of test

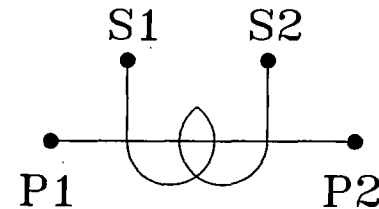
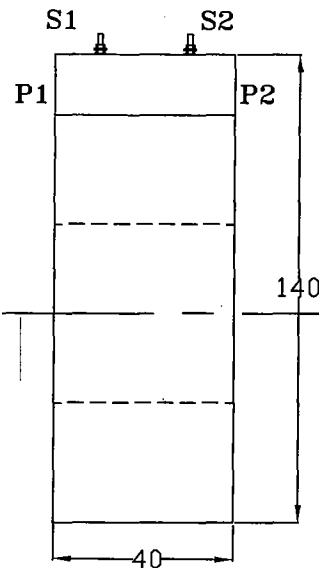
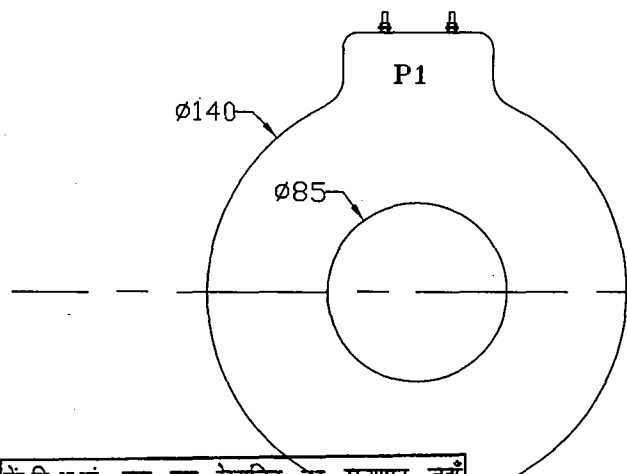
ACCURACY TEST

Current ratio : 1000 / 5
Accuracy class : 0.5
Primary connection : Single turn through window
Secondary connection : S1 - S2

Burden (VA) & Power factor	Type of error	Error at percentage primary current			
		120	100	20	5
15 & 0.8 lag	% Current error	0.055	0.048	- 0.168	- 0.415
	Phase displacement (min)	0.2	0.3	8.1	14.9
3.75 & UPF	% Current error	0.366	0.365	0.340	0.280
	Phase displacement (min)	4.5	4.5	9.1	14.1

Remarks: The sample tested complies with the sub-clause of the standard referred to.


Ragunanda
Test Engineer



के.वि.अ.सं. द्वारा इस रेखाचित्र का सत्यापन जहाँ कहीं भी संभव हो सिर्फ विमीय जाच तक ही सीमित है।
 THE VERIFICATION OF THIS DRAWING BY CPRI IS LIMITED TO DIMENSIONAL CHECKS ONLY WHEREVER POSSIBLE



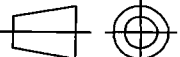
LT RESIN CAST CT

RATING PLATE

CURRENT TRANSFORMER			
RATIO	: 1000 / 5A	BURDEN	: 15 VA/CL 0.5
HSV	: 660 V 50Hz	ILV	: 0.66/3 KV IS 2705/1992
SL.NO.	: 014/09	MFD. YEAR	: 09
MFD.BY :	 KRISHNAA ENERGY PVT LTD., CHENNAI - 44		

रिपोर्ट क्रमांक.....
 से संबंधित दस्तावेज
 Document Pertaining to
 Report No: **SC09617N**

R. Ganapathi
 परीक्षण अभियन्ता / Test Engineer
 ल.प. प्रयोगशाला / S. C. LAB
 सी. पी. आर. आई. / CPRI
 बंगलूर / Bangalore

TYPE: INDOOR RESIN CAST		QTY: -	ALL DIMENSION ARE IN mm			TITLE: RESIN CAST CURRENT TRANSFORMER				SCALE : NTS	
0			BJM	K.S.S.KK.S.S.K	21/9/09	MFG BY: 		 Alliance Partner of Schneider Electric for MV Components Integration			
REV.	DATE	DESCRIPTION	DRAWN	CHD.	APPD.	SIGN	DATE.	KRISHNAA ENERGY PRIVATE LIMITED., DP:69, SIDCO Industrial Estate, Thirumudivakkam, Chennai-44 www.krishnaenergy.net		SHT.No.	DRAWING No.
CUSTOMER : -										1 OF 1	KEPL-LTRCT-014

THE POLICY OF KRISHNAA ENERGY IS CONTINUAL IMPROVEMENT & DEVELOPMENT.

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