



جمهوری اسلامی ایران
وزارت نیرو

پژوهشگاه نیرو

بسمه تعالی

تاریخ: ۸۳/۱۰/۱۲

شماره: ۵۵۲۶۶/۶۰۲

پیوست: دارد

(۸۸۸۸۱۴۱)

جناب آقای مهندس چیت ساز

مدیریت محترم فروش شرکت پارس شار بارز

موضوع: اعلام نتایج آزمون CT حفاظتی

شماره رجوع: ۸۳۳۴۰۱۳۴

باسلام

عطف به نامه شماره ۷۳۹-۲۳۳ مورخ ۸۳/۹/۲۹ و دریافت وجه آزمون، بدینوسیله نتایج آزمون‌های تعیین خطای فاز و خطای نسبت تبدیل براساس IEC44-1 به پیوست به حضورتان تقدیم می‌گردد.

با احترام

گروه پژوهشی خط و پست

پژوهشگاه نیرو

فرمانی زار

فاکس شد

تاریخ: ۱۳/۱۰/۸۳ ساعت: ۱۶:۴۸

TEST REPORT

Type Test According to: IEC 60044-1

Instrument Transformer**Current Transformer**

Tested by : Atousa Sepehr

Approved by : Farshid Mansourbakht

Tests Witnessed by : hamed Chitsaz

Date of issue : 1383.09.24

Testing Laboratory Name: Relay and Protection Lab.

Address: End of Poonak Bakhtari Blvd. , Shahrak Ghods , Tehran , Iran .

TEL/FAX: (+98-21)8079401-8 / (+98-21)8078296

Web-Site: WWW.NRI.AC.IR

Testing location NRI(Niroo Research Institute) , Relay and Protection Lab.

Applicant's Name: PARS SHAR B.C

Address: 3rd Floor, No.6, Baghsara Alley, Shad St., Vanak Sq., Tehran, Iran

Test Specification

Standard: IEC 60044-1

Test procedure: Standard

Non - standard test method: -----

Test Report Form No: TR83008

Specimen Registry Code: STR83008

Test Request Date/Code: 83.08.27

Test Item Description:

Manufacturer/Client: PARS SHAR B.C

Model: -----

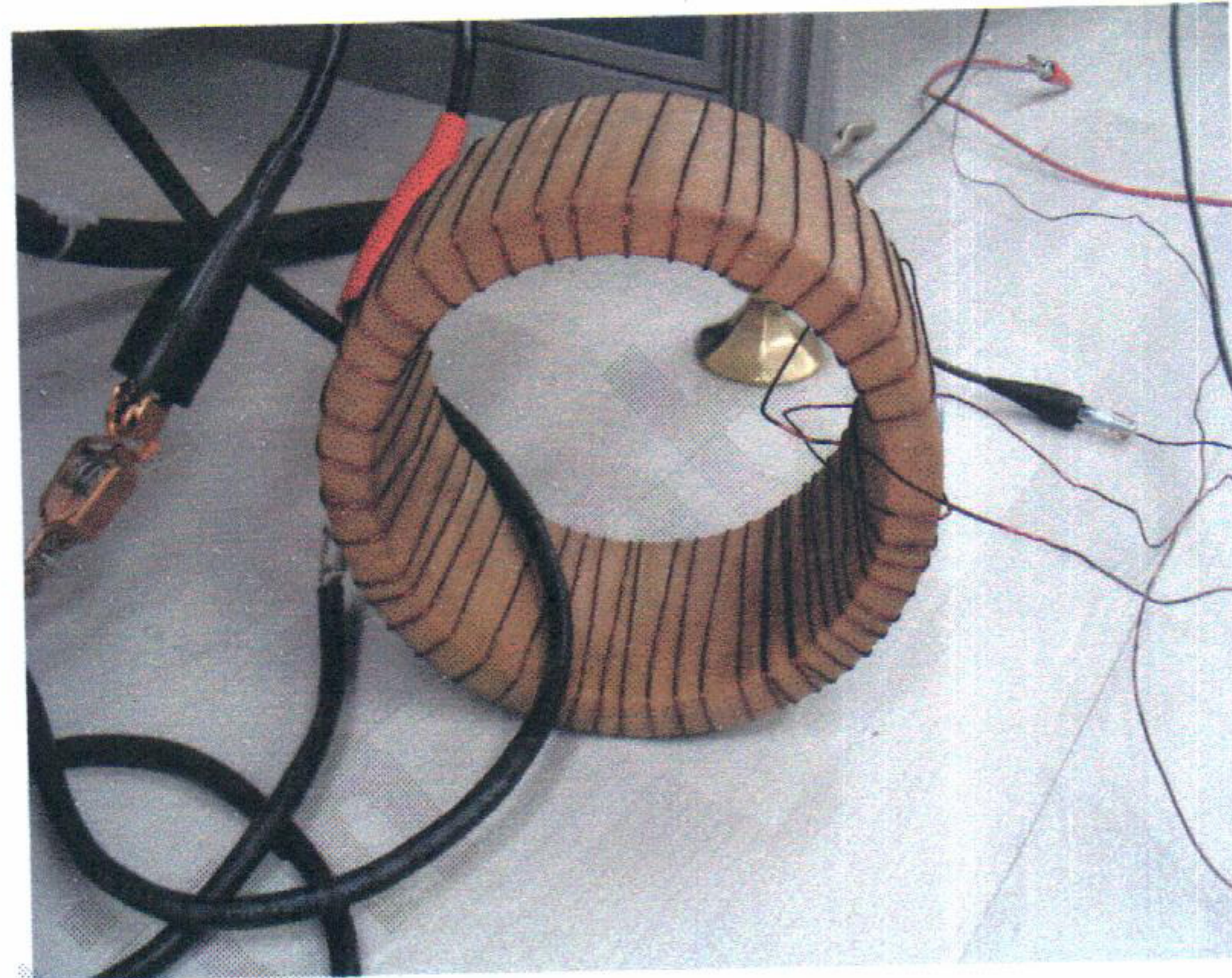
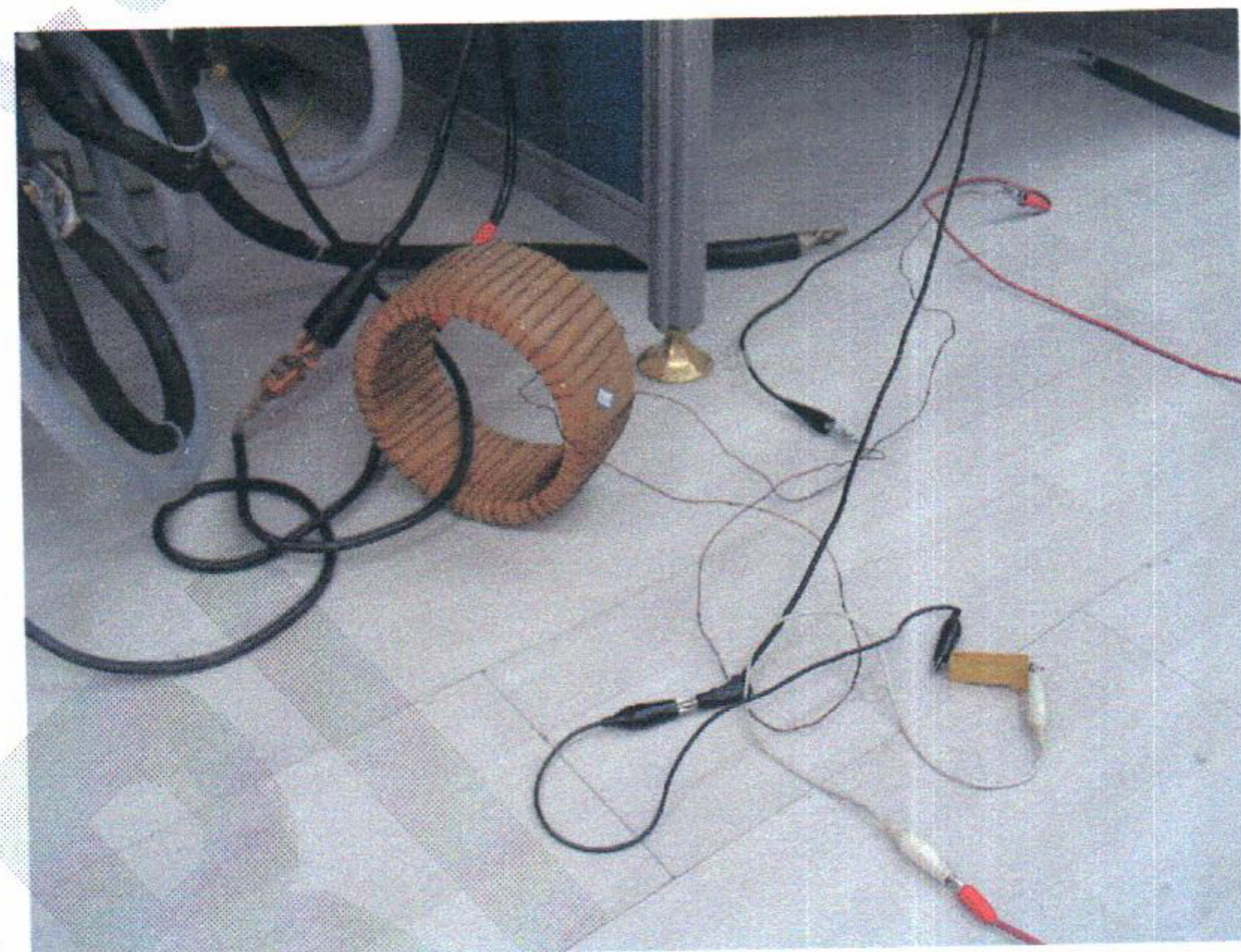
Type Designation: LV

Serial No: 833152199

NOTES:

- 1-The test results relate only to the sample tested.
- 2-This document shall not be reproduced except in full without the written approval of NRI Relay & Protection Lab.and of the accreditation body ,if any.



**TEST SETUP****Parss shar Protection CT****Standard Ct Burden with ODEN AT/3H****Marking plate**

The Tests Performed by ODEN AT/3H. ODEN AT Consists of a Control Unit Equipped with a Control Panel and can be Connected to one, two or three Current Units. For this Test these three Current Units Connected to each other in Series.

Applied Secondary Burden Equal to 100% of Rated Burden(1VA) and Power Factor of 1.0 According to the Standard and Current Ratio Error and Phase Error were Measured by Power Multimeter

Model PMM1 With 0.05 Accuracy.

Summery of testing

Test Item Particulars	
CT Ratio:	50A/1A
Class:	5P10
Un:	0.75KV
Rated Burden:	1VA

Possible Test Case Verdict	
Test Case does not apply to the object:	N/A
Test item does meet the requirement:	PASS(P)
Test item does not meet the requirement:	FAIL(F)

General Remarks
This report shall not be reproduced except in full without the written approval of the testing laboratory. The test results presented in this report related only to the item(s) tested.

IEC 60044-1

Clause	Requirement-Test	Result-Remark	Verdict
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Ambient Conditions

Ambient Temperature:

24.3°C

Ambient Pressure:

971mBar

Ambient Humidity:

18.90%

12.3	Limits of Errors for Protective Current Transformers	PASS
	The In is Injected in Primary and The Secondary Current is Measured. The Current Error and Phase Displacement Shall not Exceed The Values Given in Table14 . The Secondary Burden is 1VA.	Injected Primary Current=50.197 Measured Secondary Current=1.0127 Actual %C.R Error =0.822% Actual Phase Error = 47.4[min] PASS