TEST REPORT

Type Test According to:IEC 60044-1

Instrument Transformer, Current Transformer

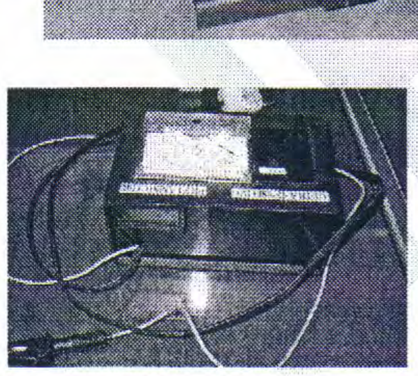
Tested by :	Atousa Sepehr
Approved by :	Farshid Mansourbakht
Date of issue :	1383.3.23
Testing Laboratory Name:	Relay and Protection Lab.
Address:	End of Poonak Bakhtari Blvd. , Shahrak Ghods , Tehran , Iran
Testing location	NRI , Relay and Protection Lab.
Applicant's Name:	Pars Shar Barez Co.
Address:	----
Test Specification	
Standard:	IEC 60044-1
Test procedure:	---------
Non - standard test method:	---------
Test Report Form No:	CT-83-2
Specimen Registry Code:	233-111
Test Request Date/Code:	83.3.20
Test Item Description:	
Manufacturer/Client:	Pars Shar barez Co.
Model:	MC 232
Type Designation:	-----
Serial No:	400

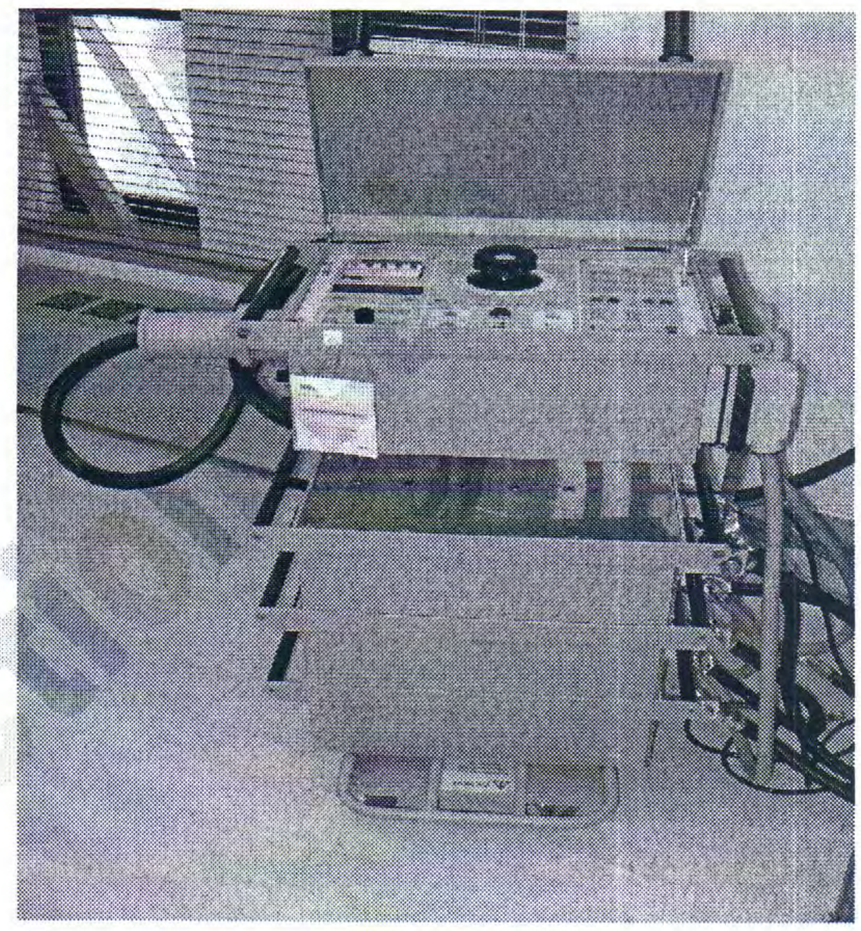
NOTES:

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.

NRI Relay&Protection Lab





Marking plate

The Tests Performed by ODEN AT/3H with Applied Secondary Burden Equal to 100% of

Rated Burden(According to the Standard).

The Secondary Burden Used for Test Have a Power Factor of 1 .

Laboratory Ambient Temperature was 26.2 ° and Recorded via TESTO Logger.

Summery of testing

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Test Item Particulars			
Rated Primary Current (IPN):	1200 [A]	**Accuracy Classes(taps 1S - 2S):**	CL5P10-CL1
Rated Secondary Currents(ISN):	5-5 [A]	**Insulation Level Voltage:**	24/50/125 KV
Rated Frequency:	50 [Hz]	**Short Time Thermal Current (Ith):**	80 IN
Rated Burden:	10 [VA]	**CT Ratio:**	1200/5-5

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.

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IEC 60044-1			
Clause	**Requirement-Test**	**Result-Remark**	**Verdict**
7.2	**Temperature-Rise Test**		**PASS**
	The Rated Continuous Thermal Current(Ipn) With Rated Unity Power Factor Burden is Applied. Windings Temperature Rise Shall not Exceed the Appropriate Value Given in Table 2 of IEC. Temperature was Recorded when the CT be Deemed to Have Attained a Steady Temperature when Rated of Rise does not Exceed 1K per Hour.		---
Measuring Time [minutes]=1	Measuring Temperature [C]=26.5º	Ambient Temperture[C]=26.2 º	----
Measuring Time [minutes]=30	Measuring Temperature [C]=39.8º	Ambient Temperture[C]=26.5 º	----
Measuring Time [minutes]=60	Measuring Temperature [C]=45.9º	Ambient Temperture[C]=26.6 º	----
Measuring Time [minutes]=90	Measuring Temperature [C]=46.1º	Ambient Temperture[C]=26.7 º	----
Measuring Time [minutes]=110	Measuring Temperature [C]=46.1º	Ambient Temperture[C]=26.7 º	----
Permissible Temperature Rise=65K	**Actual Max Temperature Rise=19.6 º**		**PASS**

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