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AS 1024-1971 UDC 621.317.7

Australian Standard

DIRECT RECORDING ELECTRICAL MEASURING INSTRUMENTS AND THEIR ACCESSORIES

METRIC UNITS



STANDARDS ASSOCIATION OF AUSTRALIA
Incorporated by Royal Charter

THE FOLLOWING SCIENTIFIC, INDUSTRIAL AND GOVERNMENTAL ORGANIZATIONS and departments were officially represented on the committee entrusted with the preparation of this standard:

Associated Chambers of Manufactures of Australia
Australian and New Zealand Railways Conferences
Australian British Trade Association
Electricity Supply Association of Australia
Department of Defence
Defence Standards Laboratories
Electrical and Radio Federation, Victoria
Postmaster-General's Department
The Institution of Engineers, Australia

This standard, prepared by Committee EL/12, Indicating and Recording Instruments, was approved on behalf of the Council of the Standards Association of Australia on 4 February 1971.

In order to keep abreast of progress, Australian standards are regularly reviewed. Suggestions for improvements to published standards, addressed to the head office of the Association, are welcomed.

AUSTRALIAN STANDARD SPECIFICATION

DIRECT RECORDING ELECTRICAL MEASURING INSTRUMENTS AND THEIR ACCESSORIES

AS 1024-1971

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PREFACE

This standard was prepared by the Association's Committee on Indicating and Recording Instruments. It very closely follows Publication 258 of the International Electrotechnical Commission, and supersedes AS C54, Graphic (Recording or Chart Recording) Ammeters, Voltmeters and Wattmeters, which is now withdrawn.

The standard applies to instruments which are used for recording the instantaneous, effective and mean values of one or more measured quantities as a function of time. It refers to strip, drum and disc recording instruments and those instruments which incorporate rectifiers or diodes and the shunts, series resistors, indicators and capacitors used with such apparatus. It also deals with such matters as classification, permissible intrinsic errors, permissible variations of recording instruments and constructional requirements.

In the application of this standard, reference may be necessary to the following Australian standards:

AS C100 Ap.	Definitions and General Requirements for Electrical Materials and Equipment
AS C321	Limits of Radio Interference for Electrical Appliances and Equipment.
AS C328	High Voltage Testing Techniques.
AS 1042	Direct Acting Indicating Electrical Measuring Instruments and their Accessories (in course of preparation as a revision of AS C42, Electrical Indicating Instruments)

This Australian standard is one of a series in which the requirements are expressed solely in metric units. Certain new standards, including revised standards formerly expressed in imperial units, are identified by a four-digit reference without a prefix letter.

CONTENTS

Section	1. GENERAL							Page
1.1	_							
1.1	Scope Application	••	••	• •	••	••	••	
		•• ••	••	••	. • •	• •	• •	
1.3		••	••.	• •	••	••.	• •	1.
1.4	Effective Range	• •	••	• •	• •	••	• •	14
SECTION	2. CLASSIFICATIO	N						
2.1	Recording Instr	uments		• •				10
2.2	Interchangeable	Accessories		• •				10
Section	3. Permissible ments	Intrinsic E	RRORS	of Re	CORDIN	G INS	TRU-	
3.1	Ouantity	ditioning of Interest Conditioning the In	ons of trinsic	ents the In Error	fluence in the	Meas	ured 	17 17 20
	Table 3. Referand Power	rence Conditi Factor	onș Rel	ative to	Volta	ge, Cur	rent	22
3.2	Intrinsic Errors Table 4. Refer	in Timekeep rence Conditi ining the Int	ons of	the Ir				18 23
SECTION	4. Permissible I	NTRINSIC ERR	ORS OF	Acces	SORIES			5
4.1					••			24
4.2		ssories	• •	• •,	• •	• •	••	24
SECTION	5. PERMISSIBLE V	JARIATIONS OF	RECO	RDING	Instru	MENTS		
5.1	Variations for the Table 5. Limi	ne Measured (its of the N Quantities Rel its of Variatio	Quanti lominal ative to on for	Rang the Mag	e of the leasure netic l	use of d Quar Inducto	ntity or of	25 20 25 25
5.2	Variations in Ti Table 8. Limi Influence (mekeeping its of the N Quantities Rel	ominal	Range	e of T	Jse of	the	29 29
Section	6. PERMISSIBLE SORIES	Variations	FOR I	NTERCH	ANGEAE	LE AC	CES-	
6.1	Permissible Var	iations						30



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