



Department of consumer and corporate affairs / Ministère de la consommation et des corporations



STANDARDS BRANCH - DIRECTION DES NORMES

NOTICE OF APPROVAL

T-44-1

OTTAWA September 18, 1969

SANGAMO TYPE "MI FORM 150" SINGLE AND DOUBLE RATIO CURRENT TRANSFORMERS

Apparatus

Primary Currents

Single Ratio

5, 10, 15, 20, 25, 30, 40, 50, 75, 100,
150, 200, 300, 400, 500, 600 and 800 amperes

Double Ratio

5/10, 10/20, 15/30, 20/40, 25/50, 50/100
75/150, 100/200, 150/300, 200/400, 250/500
300/600 and 400/800

Secondary Current

5 amperes (all ratings)

Accuracy Rating at 60 hz

Single Ratio and High

Ratio of Double Ratio

0.3B0.1, B0.2, B0.5, B0.9*, B1.0, B(2x0.9);
0.6B2.0

Low Ratio of Double Ratio

0.6B0.1, B0.2, B0.5, B0.9*, B1.0

Frequency

60 hz

Voltage Class

15 kv

R.F. (rating factor)

1.5

Style

Moulded, indoor

* Single ratio units have 0.3B0.9 marked on the nameplate.

Double ratio units have 0.3B0.9 for the high ratio and 0.6B0.9 for the low ratio marked on the nameplate.

Description

This is a reissue of circular T-44 to cover these transformers with revised and bi-lingual nameplates where the type and voltage insulation class have been separated, the latter appearing as "Form 150" denoting 15kv.

The design of these transformers is similar to the type "MV-150" which received approval under circulars S-EA.517 and S-EA.602 and which they supersede. They have the same ampere turns and core material, but have a slightly larger core window for ease of manufacture.

SANGAMO TYPE "MI 150" SINGLE AND DOUBLE RATIO CURRENT TRANSFORMERS

CURRENT TRANSFORMER		SANGAMO		TRANSFORMATEUR DE COURANT	
		CO. LTD. CANADA TORONTO-TROIS RIVIÈRES			
TYPE _____	FORM MODÈLE _____	SERIAL SERIE _____			
RATIO RAPPORT _____	AMP _____	R. F. SURCHARGE _____			
INSUL. CLASS CLASSE D'ISOL. _____	K. V. _____	B. I. L. TENUE AU CHOC _____	K. V. _____		
ACCURACY (60 HZ) PRÉCISION					
HI - RATIO RAPPORT SUP. _____	_____	_____	_____	_____	_____ HZ
LO - RATIO RAPPORT INF. _____	_____	_____	_____	_____	_____ WIRE FILS

REVISED NAME PLATE

The outside configuration is also modified to give improved creepage distance from the primary terminals.

The primary terminals are silver plated and are connected to the coils by brazing.

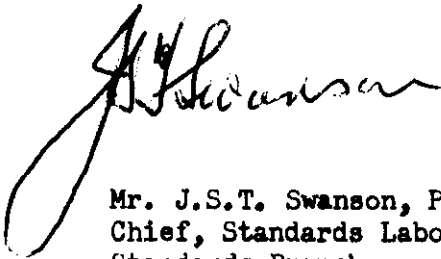
The secondary terminals are moulded into the transformer and are fitted with the conventional non-automatic short-circuiting link. The transparent plastic cover, which is so constructed as to indicate the position of the short-circuiting link, fits over the secondary terminals and is provided with a sealing device.

Note: The illustration of the single ratio transformer does not show the required polarity marks which will be added in production.

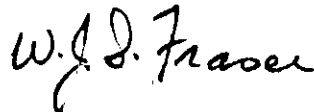
The illustration of the double ratio transformer does not show the ratios as they relate to the secondary terminals. This will also be added in production.

Approval granted to:

Sangamo Company Ltd.,
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Toronto 17, Ontario.



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Ref: SE-85-6-9
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SANGAMO TYPE "MI 150" SINGLE AND DOUBLE RATIO CURRENT TRANSFORMERS

