



STANDARDS BRANCH

T 44

OTTAWA, January 29, 1969.

NOTICE OF APPROVAL

FOR

SANGAMO TYPE "MI-50" 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 amperes
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

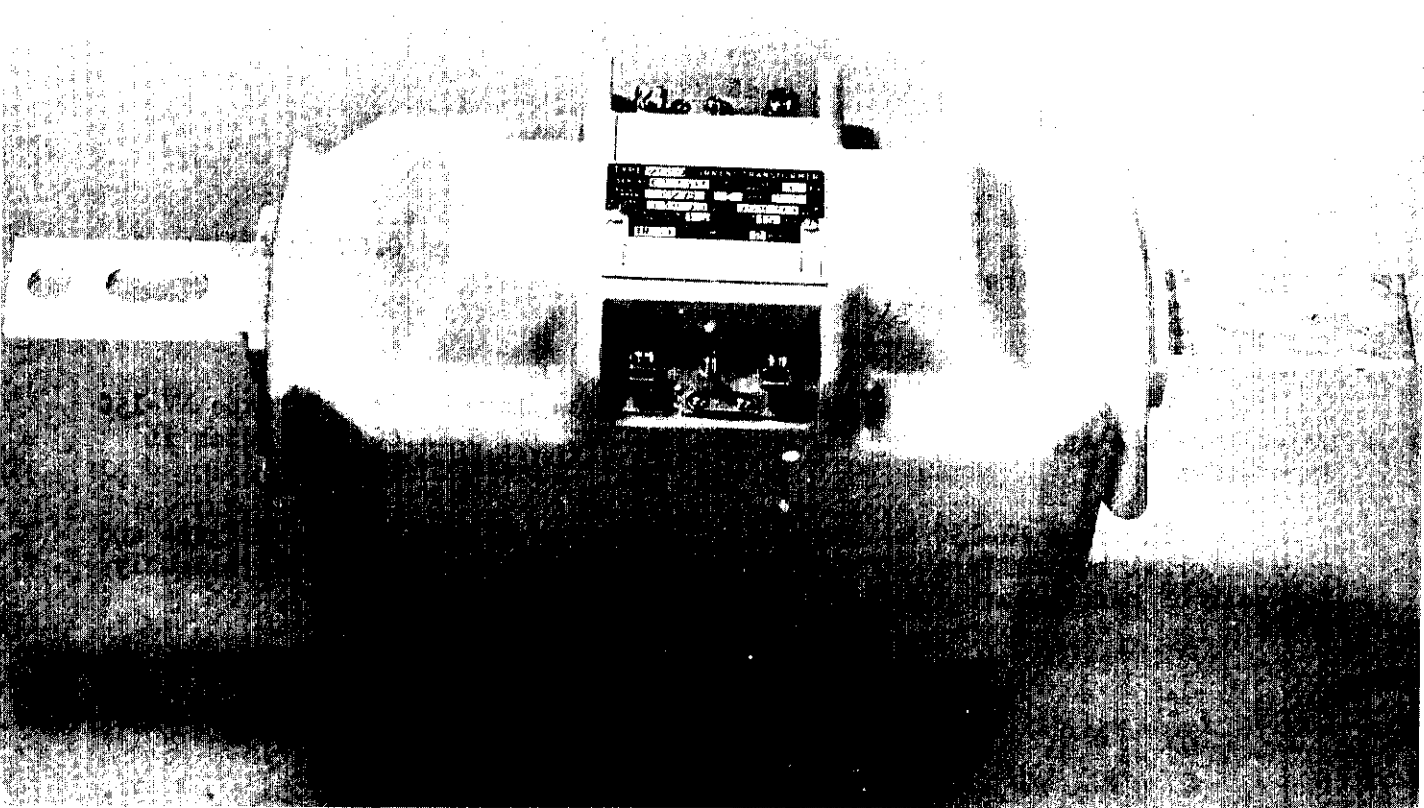
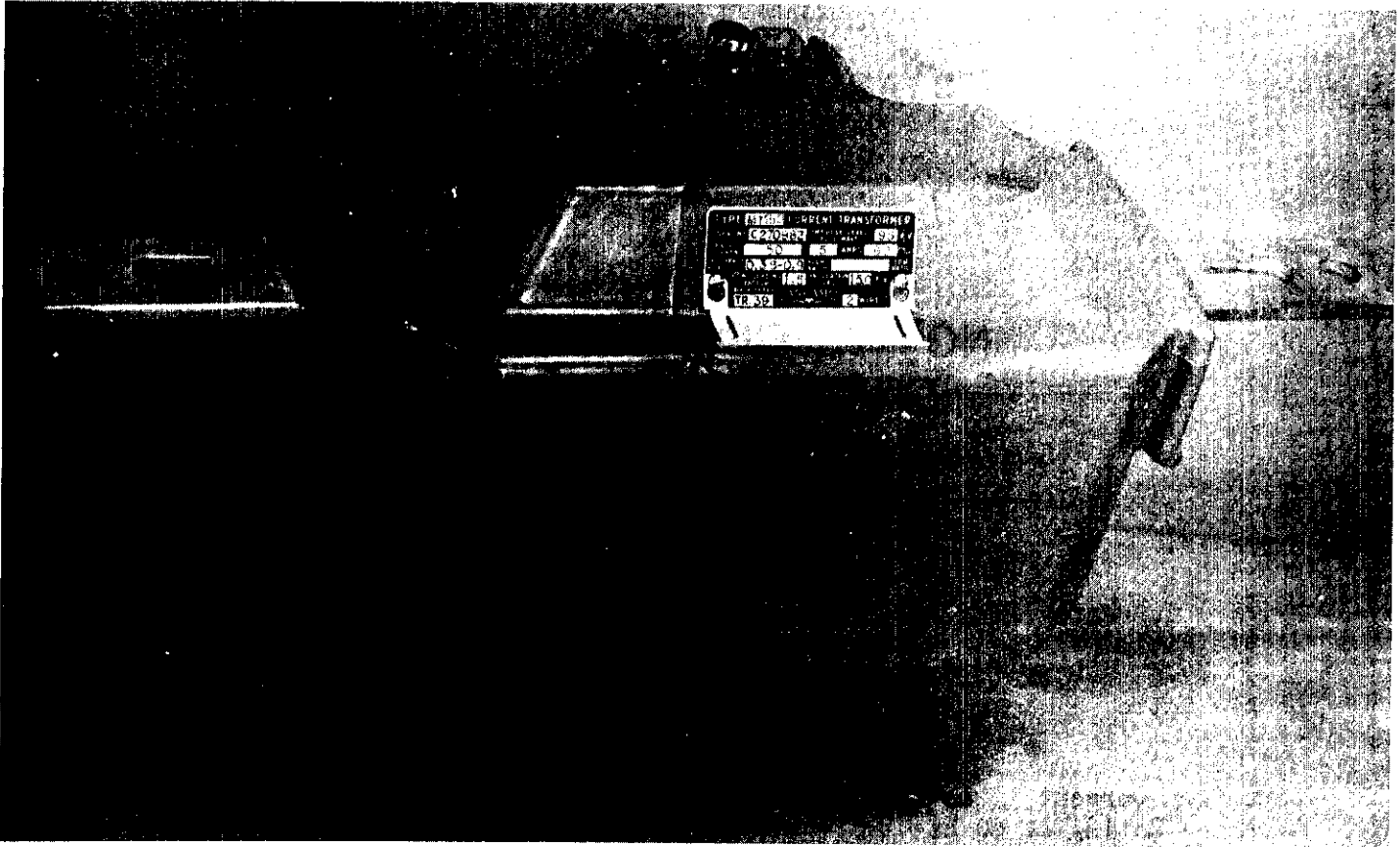
* Single ratio units have 0.3B0.9 marked on the nameplate.
 Double ratio units have 0.3B0.9 for the high ratio and 0.6B0.9 for the low ratio marked on the nameplate.

Description

The design of these transformers is very similar to the type MV-150 which received approval under circulars S-EA.517 and S-EA.602 and which it supersedes.

The type MI-150 is identical to the type MV-150 in ampere turns and core material but differs in that the core window has been enlarged slightly for ease of manufacture.

SANGAMO TYPE "M1-50" SINGLE AND DOUBLE RATIO
CURRENT TRANSFORMERS



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.

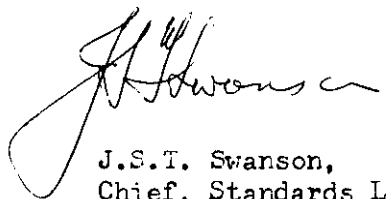
Note: The illustration of the single ratio transformer does not show the required polarity marks which will be added in production.

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 Co. Ltd.,
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