



TRADE AND COMMERCE
CANADA

SD-EA.115

STANDARDS DIVISION

OTTAWA, August 18, 1953.

TYPE APPROVALSANGAMO TYPE "MA-50" CURRENT TRANSFORMERS

The apparatus specified and illustrated herein has been duly approved by the Standards Division under the provisions of The Electricity Inspection Act, Chapter 22, 1928, as amended, and may be admitted to verification in Canada.

Apparatus Approved: Type "MA-50" Current Transformers, manufactured by the Sangamo Company Limited, Leaside, Toronto 17, Canada.

Rating of Apparatus:

Primary Current 5, 10, 15, 20, 25, 30, 40, 50, 75, 100, 125, 150,
200, 250, 300, 400, 500, 600, 750, 800 amperes
(underlined capacities are preferred, or standard, ratings)

Secondary Current 5 amperes

Voltage Rating 5 KV. Normal insulation test 19.0 KV and full wave
impulse level 60 KV.

Accuracy Rating ASA, 0.3 for B0.1, B0.2, B0.5, B2.0 on 60 cycles


Frequency 25 to 60 cycles.


Note: Nameplate is stamped 25 to 60 cycles but accuracy rating refers to 60 cycles only. The 25-cycle accuracy, as well as other technical data, is given on a data sheet which is available on request.

Description: The type "MA-50" current transformers are designed for indoor service, primarily for metering purposes. They are of the wound primary type with single primary and single secondary. The primary terminals are silver-plated. The secondary terminal block is provided with a non-automatic short-circuiting link. The transparent plastic cover has two slots to fit over the secondary external connections.

When shipped, the link is in the "shorted" position. In this position it permits the cover to be fastened in place only with the lead slots facing inward. Once the secondary leads are connected, the cover will fit only when reversed to fit the slots over the leads and with the link in "open" position.

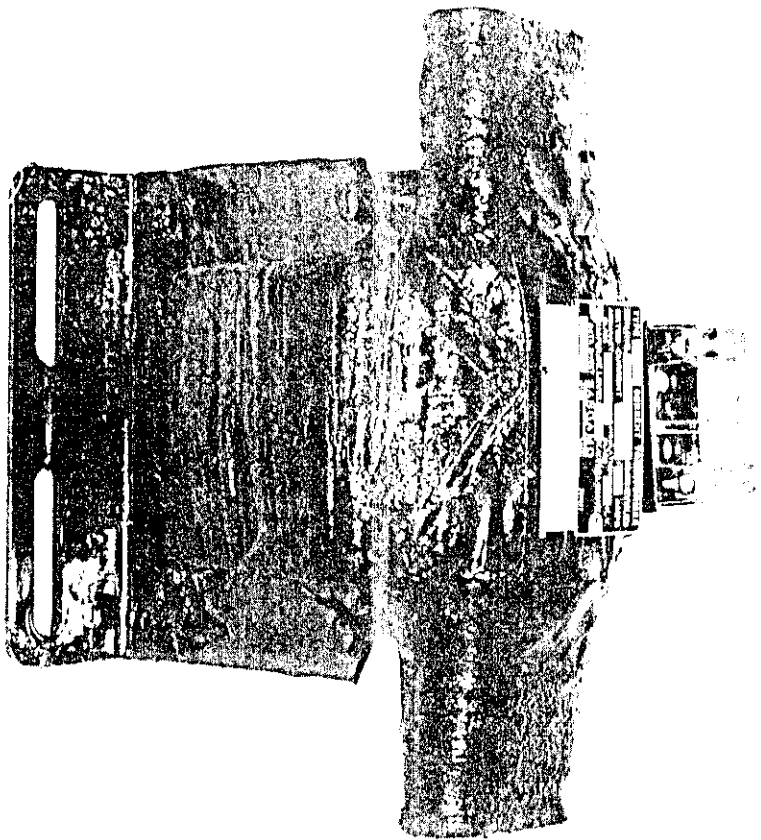
The nameplate shows the accuracy rating for 60 cycles only. However, the performance of the transformers is well within the requirements of the department on 25 cycles at the burdens listed.


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Director,
Standards Division.


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