

TRADE AND COMMERCE
CANADA

S-FA.517

STANDARDS BRANCH

OTTAWA August 21, 1961.

TYPE APPROVALSANGAMO TYPE "MV-150" CURRENT TRANSFORMER

The apparatus specified and illustrated herein has been duly approved by the Standards Branch under the provisions of the Electricity Inspection Act, Chapter 94, R.S. 1952, and may be admitted to verification in Canada.

Apparatus Approved: Type "MV-150" Current Transformer, manufactured by Sangamo Company Limited, Leaside, Toronto 17, Ontario.

Rating of Apparatus:

Primary Current	5, 10, 15, 20, 25, 30, 40, 50, 75, 100, 150, 200, 300, 400 and 600 amperes
Secondary Current	5 amperes
Voltage Rating	15.0 KV
Accuracy Rating: (60 cycles)	0.3B0.1, B0.2, B0.5, B0.9*, B(2x0.9)
(25 cycles)	0.6B0.1, B0.2, B0.5, B0.9, B(2x0.9)
Frequency	25 and 60 cycles
Wire	2
Phase	1
R.F. (rating factor)	1.5 (25 and 60 cycles)
Style	Dry type, Indoor
Thermal Rating, continuous	1.5 x rated current
Thermal Rating, 1 second	110 x rated current
Short Time Mechanical Rating	200 x rated current.

* marked on nameplate.

Description: The type "MV-150" current transformer is designed for indoor service, primarily for metering purposes, and is of wound primary construction with single primary ratings and a single 5-ampere secondary. The core is of the high grade of directional grain silicon steel. The entire coil and core assembly is vacuum impregnated and moulded in an epoxy resin of high electrical strength.

The primary terminals are silver-plated and connected to the coils by brazing. The secondary terminals are moulded into the transformer. They 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. A sealing device is provided on this cover.

E. F. Power

E. F. Power,
Chief, Electricity & Gas Division,
Standards Branch.

R. W. MacLean
R. W. MacLean,
Director,
Standards Branch.

Ref: A-898

SANGAMO TYPE "MV-150" CURRENT TRANSFORMER



