DEPARTMENT OF

TRADE AND COMMERCE
CANADA

S-EA.459

STANDARDS BRANCH

OTTAWA June 14, 1960

TYPE APPROVAL

MOLONEY ELECTRIC COMPANY OF CANADA TYPE "MU"
INSTRUMENT TRANSFORMER METERING UNIT

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 "MU" Instrument Transformer Metering Unit, manufactured by Moloney Electric Company of Canada Limited, 213-219 Sterling Road, Toronto, Ontario.

Rating of Apparatus:

Primary Voltage	13,800 volts
Secondary Voltage	115 volts
Primary Current	*5/10, 10/20, 15/30, 20/40, 25/50, 50/100, 75/150, 100/200, 200/400 amperes
Secondary Current	5 amperes
Accuracy Class:	
Voltage Transformer	0.6WXY, 1.2Z
Current Transformer	0.6B1.0
Phase and Wire	3-phase, 3-wire
Frequency	60 cycles

* May be connected internally as single ratio units for either ratio.

Description: This unit is identical to the type "MU" metering unit that received approval under Circular SD-EA.393 of March 9, 1959 except that approval is extended to cover current transformers of dual ratio as listed and also any one on the list as single ratio. The current transformer primary winding terminals are brought to a terminal board inside the tank under the oil, and links are provided whereby they may be connected in series or in parallel. If the customer does not wish the dual ratio, the terminal board will be omitted and permanent connections made inside the tank for the ratio desired.

The secondary leads from the current and voltage transformers are brought to terminal blocks inside a box on the side of the tank. On dual ratio units, to identify the ratio in use, an aluminum disc is screwed to the floor of the terminal box. This disc is stamped to correspond with the transformer ratios in such a way that the stamping is right side up for only one ratio at a time. To ascertain the ratio in use, the cover over the hole at the top of the tank must be removed so that the position of the links may be seen. Their position must agree with the position of the aluminum disc which should be firmly screwed down.

R. W. MacLean,
Director,
Standards Branch.

E. F. Power,
Asst. Director (E&G),
Standards Branch.

(Ref: A-781A)

MOLONEY ELECTRIC TYPE "MU" INSTRUMENT TRANSFORMER METERING UNIT