CANADA

DEPARTMENT OF TRADE AND COMMERCE

STANDARDS BRANCH

S-EA.532
(amended)

OTTAWA, November 27, 1963.

TYPE APPROVAL

MOLONEY COMPANY OF CANADA AND SANGAMO COMPANY

TYPES "MU-50", "MU-87" and "MU-150" 3-PHASE 4-WIRE METERING UNITS

The apparatus specified herein have 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: Types "MU-50", "MU-87" and "MU-150" Metering Units, manufactured jointly by Moloney Electric Company of Canada Limited, 213-219 Sterling Road, Toronto, Ontario, and by Sangamo Company Limited, Leaside, Toronto 17, Ontario.

*Rating of Apparatus:*

| | |
|---|---|
| Primary Voltages | |
| Type MU-50 | 2400/4160Y volts |
| Type MU-87 | 4200/7280Y, 4800/8320Y volts |
| Type MU-150 | 7200/12470Y, 8400/14560Y volts |
| Secondary Voltage (all types) | 120 volts |
| Primary Current (all types) | 10/5, 20/10, 30/15, 40/20, 50/25, 100/50, 150/75, 200/100, 300/150, 400/200, 500/250, 600/300, 800/400 amperes |
| Secondary Current (all types) | 5 amperes |
| Accuracy Class (all types) | |
| Voltage Transformers | 0.3WXYZ# |
| Current Transformers | 0.3B0.1, B0.2, B0.5, B0.9, B(2 x 0.9)# |
| Phase | 3 |
| Wire | 4 |
| Frequency | 60 cycles |
| R.F. (rating factor) | 1.5 (current transformers) |
| Style | oil filled |

#Marked on nameplate

Description: These units are similar to those described in circular S-EA.508 (amended), and are normally supplied with two voltage transformers and three current transformers in a tall tank but may on special order, be supplied with a third voltage transformer.

The high voltage bushings in types "MU-50" and "MU-87" will be mounted on the side walls of the tank, 'line' on one side 'load' on the other. The type "MU-150" may have the high voltage bushings either on the side walls of the tank, or alternatively on the top of the tank, (double conductor type).

The arrangement of secondary leads is similar to that described for the 3-wire units in circular S-EA.508 (amended).

This circular cancels and replaces circular S-EA.532 of January 3, 1962, to separate the 3-phase 3-wire units from the 3-phase 4-wire units and to show the actual voltages stamped on the nameplates of the latter.

E. F. Power
E.F. Power,
Chief, Electricity and Gas Division
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R.W. MacLean,
Director,
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Ref: A880A