



Consumer and  
Corporate Affairs

Consommation et  
corporations

Standards

Normes

**NOTICE OF APPROVAL  
AVIS D'APPROBATION**

**T-114**

Ottawa, May 26, 1976

**FERRANTI-PACKARD TYPES CMS-15 AND CMS-25**  
**SINGLE PHASE METERING OUTFITS**

Current Transformer

Primary Currents	20/10, 40/20, 50/25, 100/50, 150/75, 200/100 amperes
Secondary Current	* 5A
Accuracy Rating	0.3 B-0.9
Rating Factor (RF)	1.5

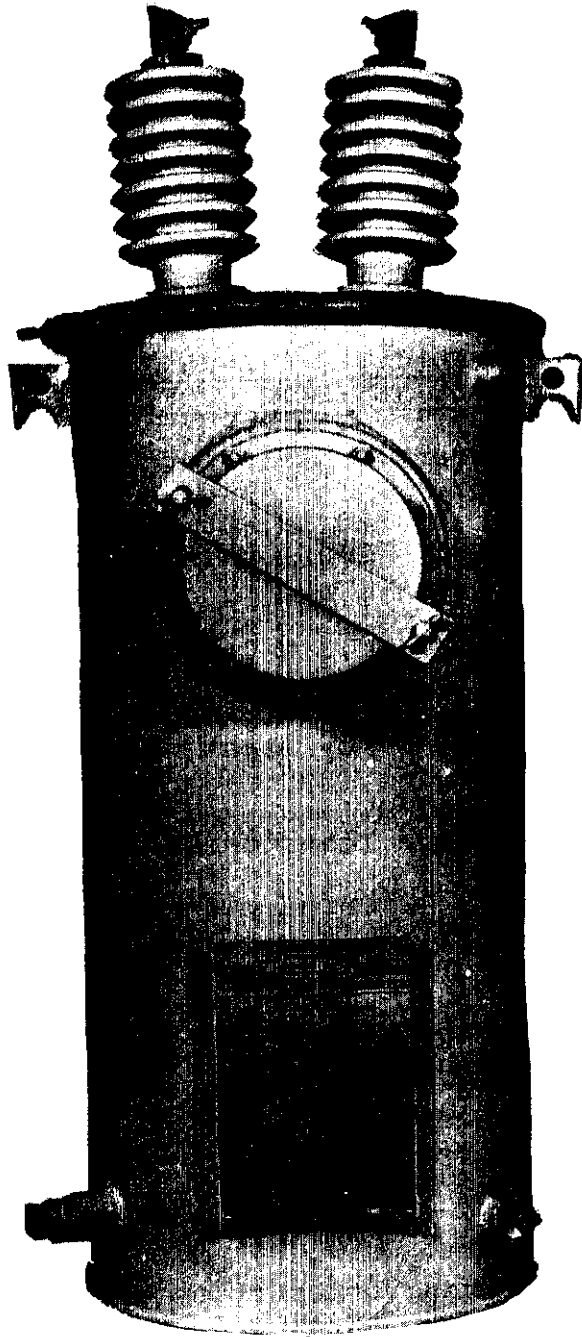
\* Double ratios obtained by means of centre-tapped secondary windings.

Voltage Transformer

Rated Voltages	Primary	Secondary
Type CMS-15	7200	120
	8400	120
Type CMS-25	14400	120
	20125	115
Accuracy Rating	0.3 W, X, Y, Z, ZZ	
Continuous Thermal Rating	4000 VA	

NOTE: The current transformer types E8.7 Special and KC-25, used in the CMS-15 and CMS-25 respectively were approved under T-14, July 15, 1966.

The voltage transformer types MC-15 and MC-25 used in the CMS-15 and CMS-25 respectively were approved under T-13-2, June 4, 1970.



CMS-25

The types CMS-15 and CMS-25 metering outfits are designed for outdoor service on overhead line-to-ground systems.

Each unit is equipped with one single ratio voltage transformer and one double ratio current transformer mounted on a common frame which is secured internally to the oil-filled tank.

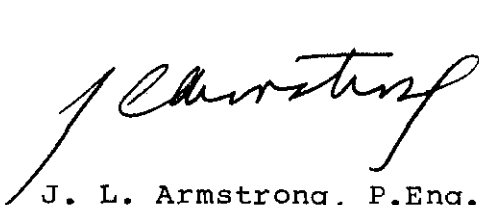
The high voltage bushings containing the primary terminals are mounted on the tank cover and identified by the markings H1+ LINE and H1 LOAD. The primary winding of the current transformer is connected between these two terminals while the primary of the voltage transformer is connected with one end to the H1 LINE terminal and the other to the tank wall at the ground connector.

The solderless connector type secondary terminals marked C1, C2 and C3, are sealed in a glastic plate and contained in a box which is equipped with a sealable cover and mounted on the side of the tank.

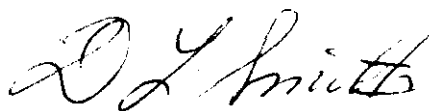
The connection diagram is marked on the nameplate located below the terminal box.

Approval granted to:

Ferranti-Packard Limited,  
St. Catharines, Ontario.



J. L. Armstrong, P.Eng.,  
Chief, Standards Laboratory,  
Metrology and Laboratory Services.



D. L. Smith, P.Eng.,  
Chief, Electricity and Gas Division,  
Metrology and Laboratory Services.

Ref: G 6565-F2-33