



DEPARTMENT OF TRADE AND COMMERCE
STANDARDS BRANCH

T-14

OTTAWA July 15, 1966.

NOTICE OF APPROVAL

FOR

FERRANTI-FACKARD TYPES "E2.5", "E2.5 SPECIAL", "E5", "E5 SPECIAL", "EU5", "EC5", "KC5", "E8.7", "E8.7 SPECIAL", "EC8.7", "KC8.7", "EU8.7", "E15", "EC15", "KC15", "EU15", "EU25", "K25", "KC25", "WC25", "K35", "KC35", "WC35", "K46", "KC46", "WC46", "K69", "KC69", AND "WC69" CURRENT TRANSFORMERS.

Apparatus

Primary Currents
Single Ratio 2.5, 5, 6, 10, 15, 20, 25, 30, 37.5, 40, 50, 60, 75, 100, 125, 150, 200, 250, 300, 400, 500, 600, 800, 1000 and 1200 amperes.

Double Ratio 5/10, 10/20, 15/30, 20/40, 25/50, 37.5/75, 40/80, 50/100, 75/150, 100/200, 150/300, 200/400, 300/600, 400/800, 500/1000 and 600/1200 amperes.

Secondary Currents 5 amperes

Accuracy class at 60Hz
Single ratio, high ratio of double ratio with tapped secondary and both ratios of units with series/parallel primary.
0.3B0.1, B0.2, B0.5*, B0.9*, B(2 x 0.9), B1.0, B2.0

Low ratio of double ratio units with tapped secondary
0.3B0.1, B0.2, B0.5*, B0.9*; 0.6B(2 x 0.9), B1.0, B2.0

Voltage Rating Forms part of type designation, e.g. E5-5kv, EU25-25kv

Frequency 60Hz all ratings

E2.5, E5, E8.7, E15 Dry, indoor

K25, K35, K46, K69 Outdoor oil immersed

EU5, EU8.7, EU15, EU25 Outdoor, compound filled

EC5, EC8.7, EC15 Used in outdoor compound filled metering units

E5 special, E8.7 special)

KC25, KC35, KC46, KC69) Used in outdoor oil immersed metering units

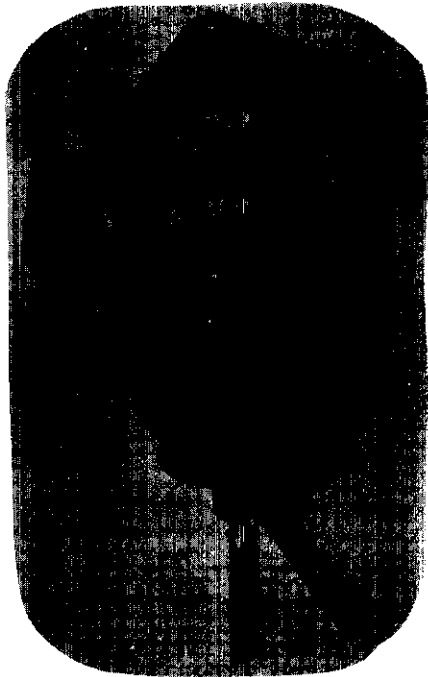
WC25, WC35, WC46, WC69 Used in outdoor askarel filled metering units

Note 1: Types E2.5, and E2.5 special are available only as single ratio units.

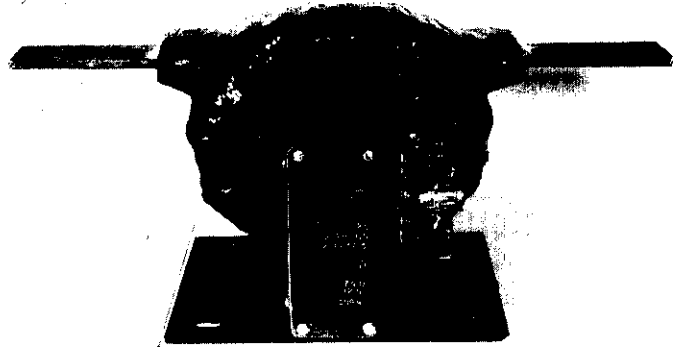
The double ratio of the other types is obtained by a series/parallel arrangement of the primary windings producing the same accuracy class on both ratios, or by means of a tapped secondary winding which latter has a lower accuracy on the low ratio when using the tap.

* Either 0.3B0.5 or 0.3B0.9 may be marked on the nameplate.

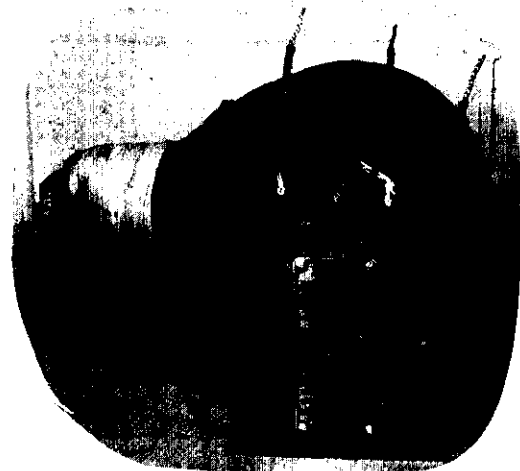
CURRENT TRANSFORMERS



EU 5 EU 8.7
EU 15 EU 25



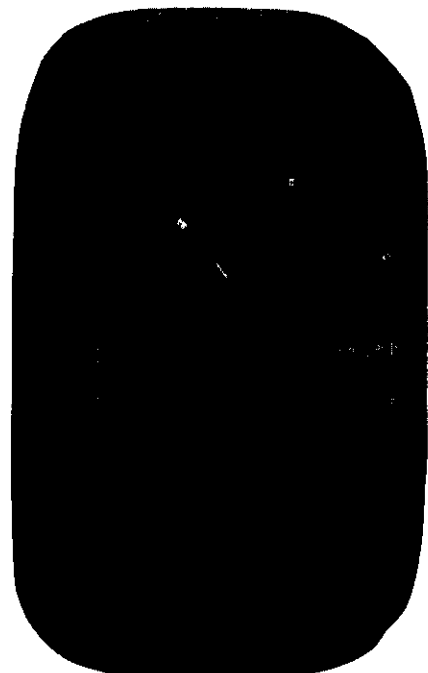
E 2.5



KC 25



K 25 K 35
K 46 K 69



KC 69

Note 2: Double secondary current transformers may be built in all the designs listed. Each secondary would be complete with its own windings and magnetic circuit and would therefore be completely independent of the other. Its accuracy would be maintained regardless of the load on the other. Because of this, any unused secondary must be short-circuited. The nameplates of units having this arrangement would be marked, e.g. 400-5-5. Double ratio units will be marked, e.g. 200/400-5.

Metering Outfit Type	Current Transformer Type	Voltage Transformer Type
CSS5	Ry or E5 special	VC5
EM5	EC5	DC5
EVP5	KC5	VC5
CSS8.7	E5 special or RY	MC8.7
EM8.7	RY or EC8.7	DC8.7
CSS15	E8.7 special or RY	MC15
EVP15	KC15	VC15
EM15	EC15	DC15
KM25	KC25	MC25
WN25	WC25	NC25
KM35	KC35	MC35
WN35	WC35	NC35
KM46	KC46	MC46
KM69	KC69	MC69
KMD69	KC69	MC69

This approval covers metering units containing current transformers of any approved ratio along with voltage transformers of any ratio covered by circular T13 provided that the insulation and voltage ratings are compatible.

This approval granted to: Ferranti-Packard Electric Limited,
St. Catharines, Ontario.

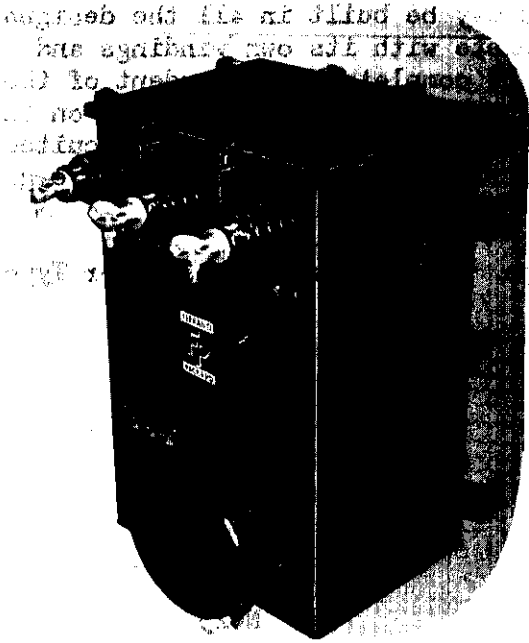
W. J. S. Fraser

W. J. S. Fraser,
Chief, Standards Laboratory,
Standards Branch.

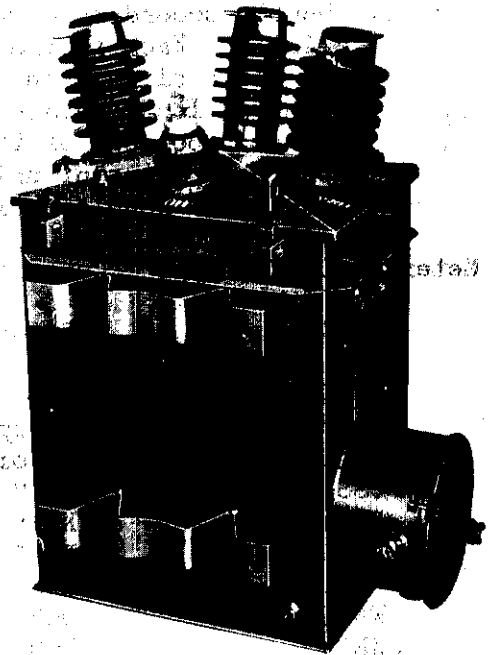
K. Cryer

K. Cryer,
Chief, Electricity & Gas Division,
Standards Branch.

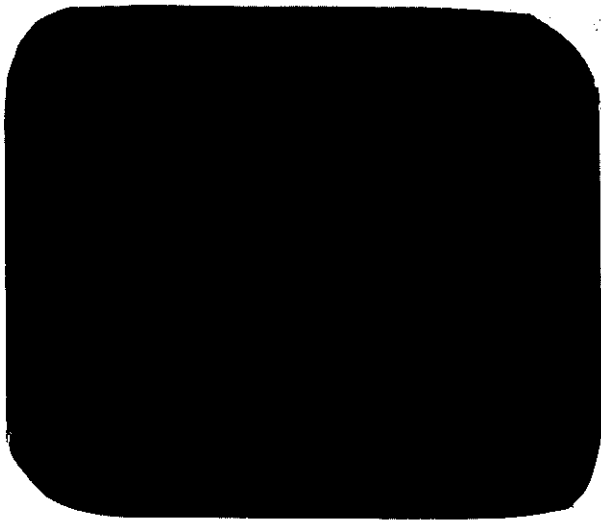
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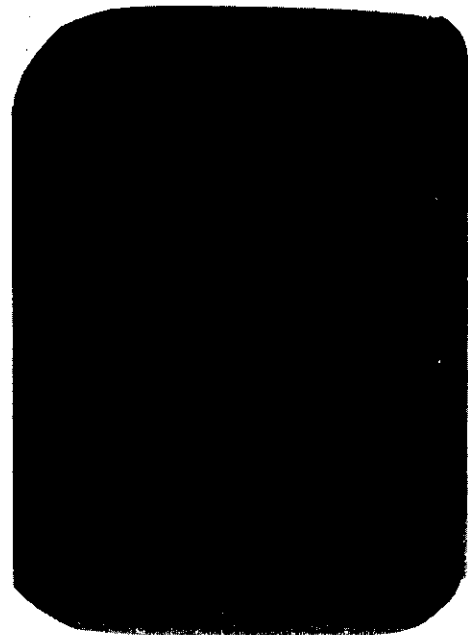
CSS 5 CSS 8·7
CSS 15



EVP 5 EVP 8·7
EVP 15



EM 5 EM 8·7
EM 15



KM 25 KM 35
KM 46 KM 69