TYPE APPROVAL

DR.-ING. HANS RITZ TYPE "OTEF 60" VOLTAGE 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 "OTEF 60" Voltage Transformer, manufactured by Dr.-Ing. Hans Ritz, Messwandlerwerk G.M.B.H. Hamburg, Western Germany, and distributed in Canada by Electric Power Equipment Limited, 1285 Homer Street, Vancouver 3, B. C.

Rating of Apparatus:

Primary Voltage .... $69,000/\sqrt{3}$ volts
Secondary Voltage .... X1-X2 $115/\sqrt{3}$ volts, X1-X3 115 volts
Frequency .... 60 cycles
Accuracy Rating .... 0.3WXYZ[*], 1.2ZZ
Insulation Class .... 60 KV
Style .... Single bushing, outdoor, oil-insulated, hermetically sealed

[*] 0.3WXYZ marked on nameplate.

Description: This transformer has a single bushing and is designed for operation between line and ground on a 69KV line to line 3-phase circuit. It is oil-insulated and hermetically sealed by metallic bellows. It has a single primary winding and a single secondary winding, the latter being provided with a tap. The end of the primary winding that is to be grounded, "H2", is located in a terminal box at the base of the transformer. One end of the secondary winding is connected to a stud marked "X1", the tap to a stud marked "X2" and the other end of the secondary winding to a stud marked "X3". All three studs are placed inside a terminal box at the base of the transformer on the opposite side to "H2".

The ratios of the primary and secondary are such that with rated voltage of $69,000/\sqrt{3}$ volts applied to the primary winding, the voltage between the secondary terminals X1 and X2 will be $115/\sqrt{3}$ volts, and between X1 and X3 will be 115 volts.

W. J. S. Fraser

(for) E. F. Power,
Chief, Electricity and Gas Division,
Standards Branch.

R. W. MacLean,
Director,
Standards Branch.

Ref: A7

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