

TRADE AND COMMERCE  
CANADA

## STANDARDS DIVISION

OTTAWA, June 18, 1956.

TYPE APPROVALEASTERN POWER DEVICES TYPE "CTO-5" CURRENT TRANSFORMER

The apparatus specified and illustrated herein has been duly approved by the Standards Division under the provisions of the Electricity Inspection Act, Chapter 94, R.S. 1952, and may be admitted to verification in Canada:

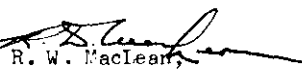
Apparatus Approved: Type "CTO-5" Current Transformer, manufactured by Eastern Power Devices Limited (ITE), 29 Wabash Avenue, Toronto 3, Ontario.

## Rating of Apparatus:

Primary Current ..... 1000 amperes  
 Secondary Current ..... 5 amperes  
 Accuracy Rating ..... 0.3B0.1, 0.3B0.5<sup>\*</sup>, 0.6B2.0  
 Voltage Rating ..... 5 KV  
 Frequency ..... 25-60 cycles  
 Style ..... Dry Outdoor

\* 0.3B0.5 normally shown on nameplate. In special cases all ratings may be shown.

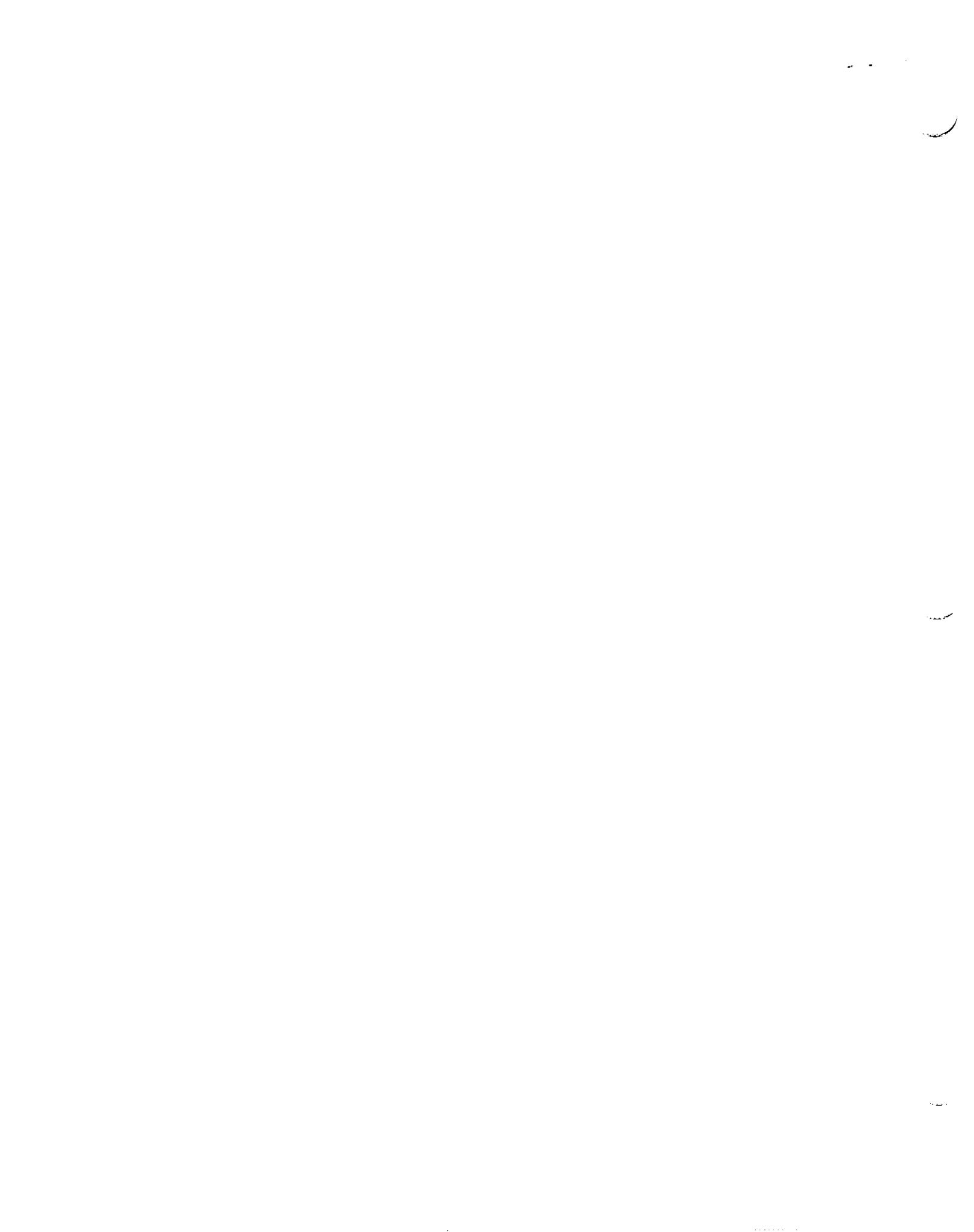
Description: The primary winding of this transformer consists of a primary bar passing through the primary insulation consisting of a porcelain tube. Each end of this bar is threaded for the retaining nuts and terminal conductor fittings. The core is tightly wound from strips of 29-gauge oriented grain transformer steel and annealed. The secondary winding is then applied in a toroidal fashion evenly distributed around the circumference of the core. The secondary core and coil are enclosed in a housing made up of two aluminum castings which incorporate a terminal box and this housing after complete assembly is filled with a thermoplastic compound. The secondary terminals terminate in the connection box. They are marked  $X_1$  and  $X_2$ . A ground terminal is also included in the box. One primary terminal is marked on the core housing with the designation  $H_1$  and also a white painted ring on the cover at the base of the bushing. The terminals of these transformers will be arranged in the usual "subtractive" manner although a few transformers from initial production will have the terminals arranged in an "additive" manner.

  
 R. W. MacLean,  
 Director,  
 Standards Division.



E. F. Pover,  
 Assistant Director (E&G),  
 Standards Division.

Ref: A-553



EASTERN POWER DEVICES TYPE "CTO-5" CURRENT TRANSFORMER

SD-EA.249

