

Ottawa, March 10, 1978

SPE - 0346

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G-6565-C4-32

SPECIAL APPROVAL

Granted to:    ASEA Limited,  
831 Portage Avenue  
Suite 100, Winnipeg, Manitoba  
R3G 0N6

Attention:    Mr. Brian Burnard, P.Eng.,  
Power Department - Winnipeg

Subject:      Eighteen only, ASEA Type IMBD-245-A4 Current Transformers with four multi-tapped secondary coils. Current Ratios 100 x 200/300 x 600/400 x 800/ 500 x 1000/ 600 x 1200 -5-5-5-5A. Serial Nos. 6598172 to 6598189 inclusive.

Special Approval has been granted by the Standards Directorate for use of the subject transformers on the 600 x 1200 -5-5-5-5-A current ratings only, for revenue metering in Canada.

The primary winding of these transformers is in two sections, and provision is made for connecting them in series or in parallel. The approved ratings are obtained from secondary terminals X1-X4, Y1-Y4, Z1-Z4 and W1-W4 only, as indicated on the nameplate.

The primary sections are connected in parallel for the high ratio, and in series for the low.

The accuracy rating for the approved ratios is 0.3 B 2.0.

The transformers will be used by Manitoba Hydro in the following locations:

<u>Serial Nos.</u>	<u>Location</u>
6598172, -174, -175, -177, -178, -179, -180, -181, -182	Letellier Stn
6598186, -187, -189	Raven Lake Stn
6598173, -176, -183	The Pas-Kahls Island Station
6598184, -185, -188	Unassigned spares

*D. L. Smith*  
D. L. Smith, Chief  
Electricity and Gas Division

c.c. Mr. J. Bileski, Winnipeg  
Manitoba Hydro (through Mr. Bileski)