

OTTAWA, January 27, 1978

Consumer and  
Corporate AffairsConsommation et  
corporationsConsumer  
Standards  
DirectorateDirection  
générale  
des normes

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G 6565-C4-32SPECIAL APPROVAL

**Granted to:** ASEA Limited,  
10300 Henri-Bourassa Blvd. West,  
Saint-Laurent, Quebec  
Box 700, Postal Station Cartierville,  
Montreal, Que. H4K 2J8

**Attention:** Mr. M. Jemczyk, P. Eng.  
Power Department

**Subject:** Three only, ASEA Type IMBD-145-A3  
Current Transformers with three secondary  
coils (X, Y, & Z). Nominal secondary  
current 5-5-5A. Serial Nos. 6691469,  
6691470 and 6691471.

Three only ASEA Type IMBD-145-AA Current  
Transformers with four secondary coils  
(X, Y, Z & W). Nominal secondary current  
5-5-5-5A. Serial Nos. 6691466, 6691467,  
and 6691468.

All six transformers have the following  
ratings: Primary current 800/700/600/500/  
400/300/200/100A. Nominal Voltage Class  
138 kV, Frequency 60 Hz.

Special Approval has been granted by the Standards Directorate  
for use of the subject transformers at primary current ratings:  
800, 700, 600, 500, 400, 300 and 200A for revenue metering in  
Canada.

The accuracy rating, and the terminals used to obtain the approved ratios are as listed below:

TERMINALS

<u>RATIO</u>	<u>IMBD-145-A3</u>	<u>IMBD-145-A4</u>	<u>ACC. RATING</u>
800-5A	X1-X5	X1-X5, Y1-Y5	0.6B0.1
700-5A	X2-X5	X2-X5, Y2-Y5	0.6B0.1
600-5A	X1-X4	X1-X4, Y1-Y4	0.6B0.1
500-5A	X2-X4	X2-X4, Y2-Y4	0.6B0.1
400-5A	X1-X3	X1-X3, Y1-Y3	0.6B1.0
300-5A	X2-X3	X2-X3, Y2-Y3	0.6B0.1
200-5A	X3-X4	X3-X4, Y3-Y4	0.6B0.1

Note that use of the 100:5A ratio for revenue metering is not approved.

These transformers will be used by Newfoundland and Labrador Hydro at Sunnyside Terminal Station, Newfoundland.



D.L. Smith  
Chief,  
Electricity and Gas Division,  
Legal Metrology Branch.

c.c. Mr. J. Strachan, D.I. (E&G) St. John's  
Newfoundland & Labrador Hydro (through Mr. Strachan)