



Consumer and  
Corporate Affairs

Consommation et  
corporations

Standards

Normes

**NOTICE OF APPROVAL  
AVIS D'APPROBATION**

E-120-1

Ottawa, April 8, 1976

SANGAMO TYPE "O" PULSE INITIATOR

This Notice constitutes an amendment to Approval Notice E-120 dated January 25, 1973, and permits:

- (a) The extension of the Impulse Range P/DR (pulses per disc revolution) to 40 to 0.05, instead of 20 to 0.05.
- (b) The substitution of type 160-162P00 mercury wetted contact relay manufactured by Midex Ameco Div. Mankato, Minnesota, in place of the C.P. Clare type HGSR 52212P00, in the output circuit.
- (c) The use of an improved bearing system at the lower end of the vertical staffs in order to reduce its wear and friction at high pulse rates. The lower bearing of each of the four vertical compound staffs of the pulse initiator gear train, now consists of a ring bearing of high-lubricity polyimide resin (non-lubricated) with a sapphire endstone supporting the weight of the vertical staff. The pivot in each of the vertical staffs has not been changed and is a polished stainless steel.
- (d) The omission of a reverse running detent in installations not subject to energy reversal.

Approval granted to:

Sangamo Company Limited,  
Toronto, Ontario.

J. L. Armstrong,  
Chief, Standards Laboratory,

D. L. Smith,  
Chief, Electricity & Gas Division  
Metrology and Laboratory Services

Ref: GL 1145-57/S2-93