Department of consumer and corporate affairs / Ministère de la consommation et des corporations

STANDARDS BRANCH - DIRECTION DES NORMES

NOTICE OF APPROVAL E - 81

OTTAWA December 1, 1969

LANDIS & GYR TYPE "NAA2/4" MAXIPRINT AVERAGE DEMAND IMPULSE PRINTER

Apparatus

Input	Up to 60 pulses per minute
Min. Impulse Length	0.06 second
Min. Impulse Spacing	0.6 second
Chart Speed	6mm per printing (valid for all demand periods)
*Demand Periods	15, 20, 30 minutes
Min. Timing Pulse	2 seconds
Register	6 digit cyclometer
Supply	120 volts 60hz

* Determined by external time switch, but will be marked on the nameplate, unless reading and print are in impulses rather than energy (wh, vah, etc.) and demand (w, va, etc.) in which case the demand value of an impulse is automatically equal to its energy value, multiplied by the number of demand periods in an hour.

Description

The type NAA2/4 Maxiprint is the same as the type NAA2 receiving approval under circular S-EA.504 but which has been modified by Landis & Gyr Inc. to use the same width of chart as that used on type NAA4, circular E-22, hence the "/4" in the type designation.

The modification consists of a different chart roll spool, different feed and guide rollers and different chart advance gear ratio. Other than this, the characteristics of the type NAA2/4 are the same as the type NAA2.

The Maxiprint is a recording instrument intended to provide a printed record of the variations in average load, i.e. variations in demand. It is not a self-contained device, but is operated by an approved re-transmitting contact, such as the "r4" or "r6" on meters or the "r" on summators and summating Trivectors. The pulses from these contacts serve to trip a receiving relay which, through a servo mechanism, causes these pulses to be recorded on the printing mechanism and the cyclometer register.

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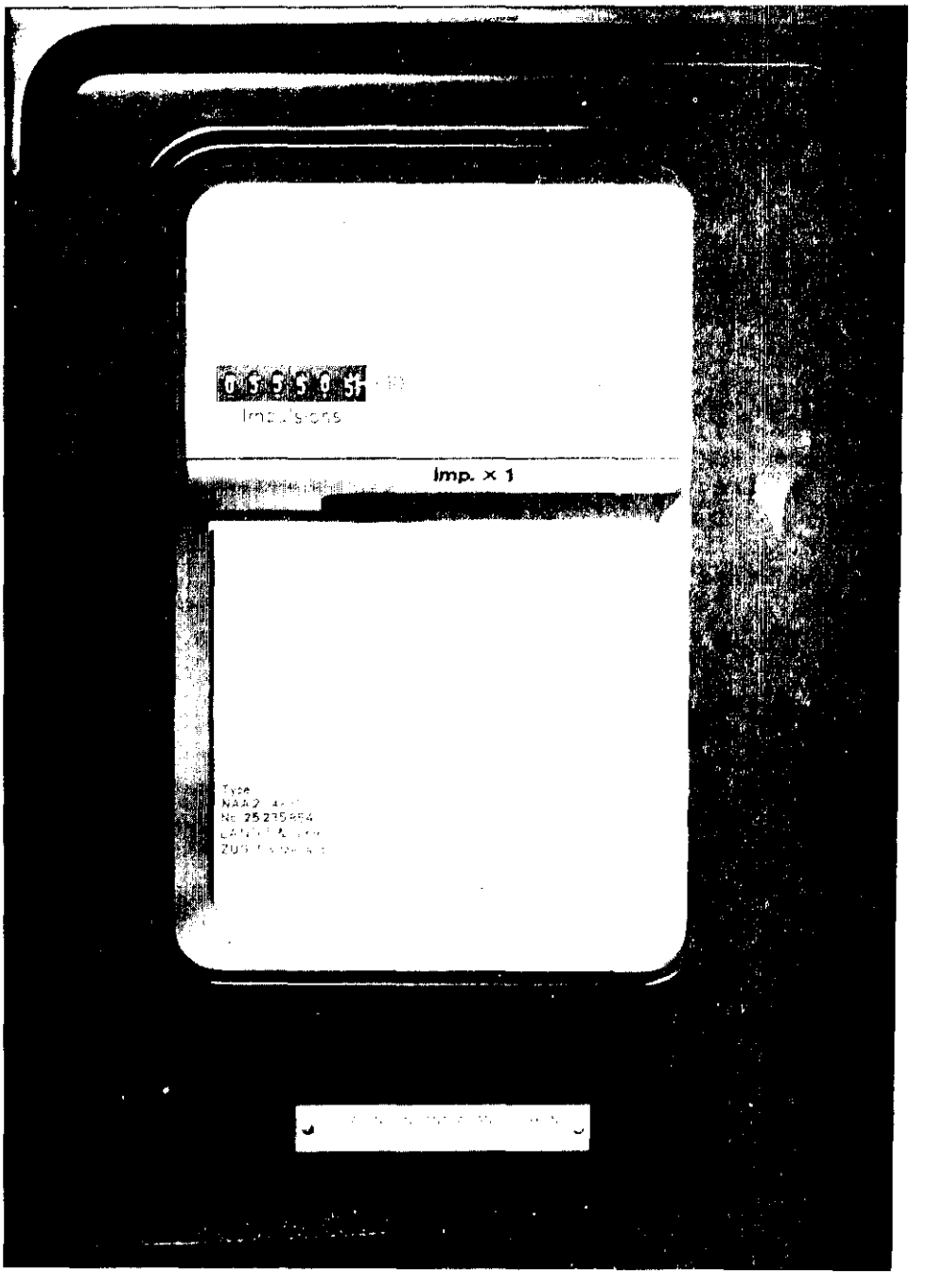

An external time switch such as the types "KYA1" or "WA1" controls the demand period, so that periodically a pulse is transmitted to the Maxiprint which through a relay and a servo-mechanism, causes it to print on a paper chart the total number of pulses received from the transmitting contact on the primary meter during the demand period: after which the printing mechanism is returned to zero and the chart is advanced.

Thus the cyclometer register records the accumulated total number of pulses, and the chart records the total number of pulses received during each demand period.

The time interval of its associated time switch will be marked on the front plate of the Maxiprint.

The Maxiprint is available in either a flush mounting case "f1" or a surface mounting case "f2".

The register is identified in the type designation by "e" so that the full type designation of the Maxiprint covered by this approval would be e.g. "NAA2/4ef1".

The Maxiprint is approved for indoor use only where the temperature does not drop below 40°F. A wiring diagram giving details of the connections to the associated instruments will accompany each Maxiprint.

Approval granted to:

Landis & Gyr Incorporated,
2063 Chartier
Dorval, Quebec.

J.S.T. Swanson, P. Eng.,
Chief, Standards Laboratory,
Standards Branch.

W.J.S. Fraser,
Chief, Electricity and Gas Division,
Standards Branch.

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