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NOTICE OF APPROVAL
AVIS D'APPROBATION

G-64-6

Ottawa, March 4, 1976

CANADIAN METER COMPANY, SERIES GT AND GT-F GAS TURBINE METERS

This approval supplements Circulars G-64-1, G-64-2, G-64-3, G-64-4 and G-64-5.

APPARATUS

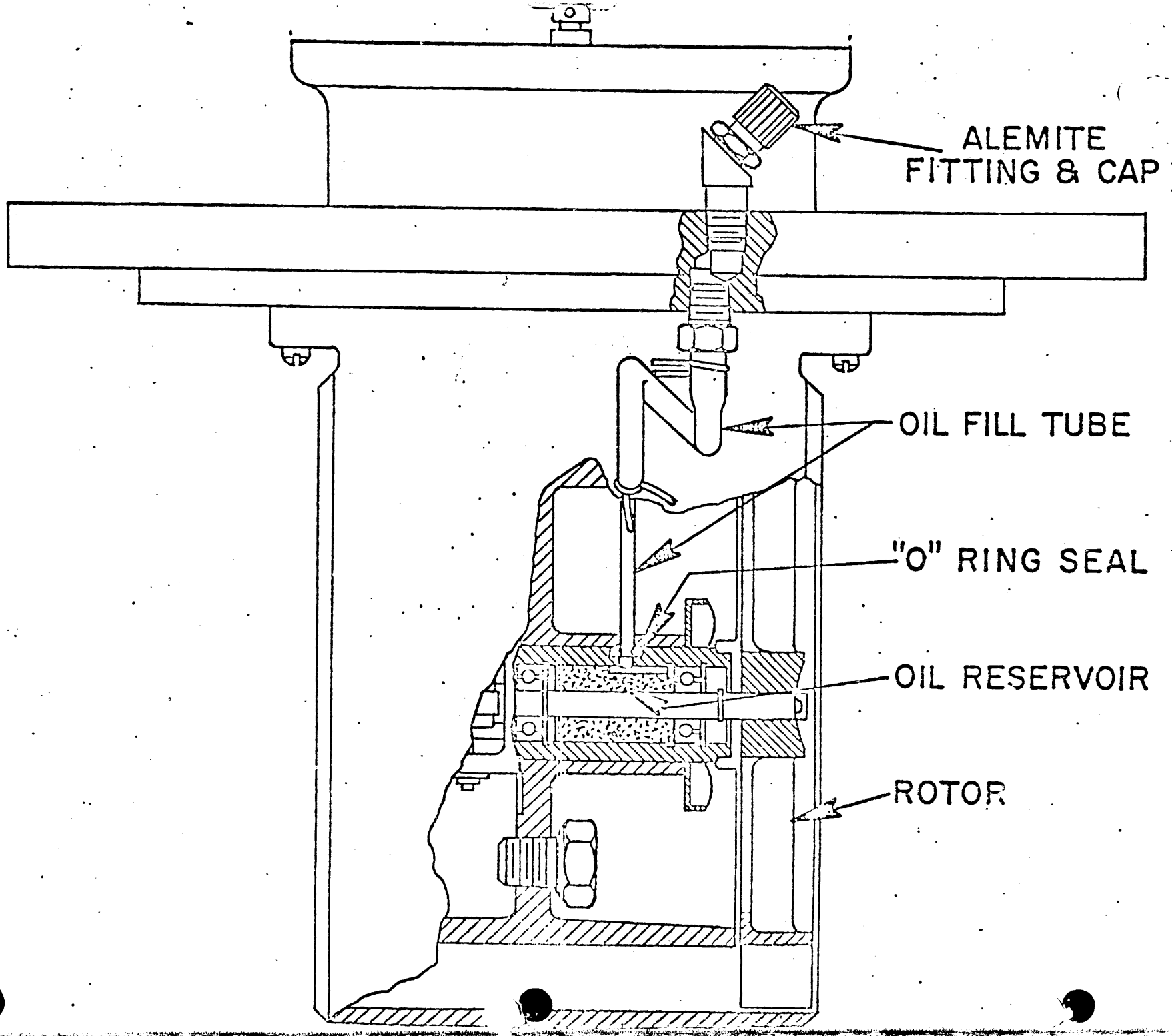
	MODELS			
	GT-4 and GT-F-4	GT-6 and GT-F-6	GT-8 and GT-F-8	12GT-150 M
Rated capacity, cu. ft. per hr. at line conditions	16,000	30,000	60,000	150,000
Capacity per revolution of meter output shaft, cu. ft.	100	100	1,000	1,000
Maximum approved working pressure, psig	125, 300, 575 720, 1440	125, 300, 575 720, 1440	125, 300, 575 720, 1440	125, 275 720, 1440
Flange rating, ANSI	125, 300, 600	125, 300, 600	125, 300, 600	150, 300, 600
Meter connections, flange	4"	6"	8"	12"

The working pressure is dependent on the Case Material, as follows:

1. All 12 GT-150 M model cases are made of Steel, regardless of pressure.

2. For all other models the following information applies:

Working Pressure, psig	Case Material
125	Aluminum
300, 575	Ductile Iron
720, 1440	Cast Steel


ALEMITE
FITTING & CAP
OIL FILL TUBE
"O" RING SEAL
OIL RESERVOIR
ROTOR

DESCRIPTION

This Notice of Approval extends the maximum working pressure for the complete line of approved, Canadian Meter Company, turbine gas meters and it also deals with the introduction of an external oiler provision in these meters.

The introduced oiler is contained entirely in the removable measuring module, or cartridge, and it provides access for field lubrication. An illustration contained in this circular provides further information.

Spin time and low end accuracy may be affected when the bearing holder and the oil reservoir are completely filled with oil, as would occur when the bearings are flushed. However, this condition will be temporary until the excess oil within the holder drains off through the rear bearing and is carried downstream. Test results indicate that the meter spin time and accuracy return to the original values after one to three hours of normal operation.

Therefore, it is recommended that turbine meter spin test and calibration test be performed prior to lubricating the meter. This will permit determination of the net change in meter performance during the service interval when compared to the original test values.

Meters currently in service may have the external oiler provision incorporated by the manufacturer at the time of their repairs.

Approval granted to:

Canadian Meter Company,
Milton, Ontario and
Edmonton, Alberta.

J.L. Armstrong, P. Eng.,
Chief, Standards Laboratory,

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

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