

SPG-161

1147-4

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OTTAWA, May 15, 1972

SPECIAL APPROVAL

Granted to: Fluor Canada Ltd.,
P.O. Box 35000
Houston, Texas 77035

Attention: Mr. G. B. Pylant,
Project Manager

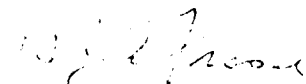
Subject: Two 16" Scheduled 80 Non-Standard Orifice
meter runs

Special Approval has been granted by the Standards Branch to Fluor Canada Ltd. for the use of two 16" Schedule 80 non-standard orifice meter runs at the Canadian Superior Oil Harmattan Plant.

Details of the meter run are as follows:

	FE 702	FE 706
Identification No.	FE 702	FE 706
Nominal Pipe Size	16"	16"
Schedule No.	80	80
Inside Diameter	14.314"	14.314"
Maximum Flow	178442 MCFD	194299 MCFD
Normal Flow	166040 MCFD	151807 MCFD
Flow Pressure	936.4	903.4
Flow Temperature	100°F	100°F
Base Pressure	14.65 psia	14.65 psia
Base Temperature	60°F	60°F
Plant Elevation	3764.0 ft.	
Gas Mol. wt.	19.50	17172
Meter run fitting	Senior	Senior
ASA Rating	600# RTJ sched. 80	600# RTJ sched. 80
Flange taps		
Upstream Straight Pipe	28'	21'
Downstream Straight Pipe	6'	6'
Beta ($\frac{d}{D}$) ratio	.645	.664

This approval is temporary and will expire when permanent regulations pertaining to pressure factor measurement are put into effect.



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

c.c. Mr. A. S. Park , Calgary
Mr. W.A. Sayers, Winnipeg

