

Mr. C. B. Rumble  
The Australian Gas Light Company  
P.O. Box 944  
North Sydney NSW 2060  
Australia

Dear Mr. Rumble:

This responds to your letter of May 2, 1978, concerning the requirements of Section 192.105(b) of Part 192, Transportation of Natural and Other Gas by Pipeline: Minimum Federal Safety Standards. This Section limits the design pressure of steel pipe that has been cold worked to meet SMYS to 75 percent of the pressure determined under Section 192.105(a) if the pipe is heated, other than by welding, to 600°F or more.

The term "cold worked" does not relate to thermo-mechanically rolled steel plate that is later made into pipe. It does relate to pipe that has been "cold expanded."

The 600°F limitation on the heating of such "cold worked" pipe was adopted directly from U.S.A.S. B31.8, Code for Pressure Piping, Gas Transmission and Distribution Piping Systems, 1968 edition.

If we may assist further please let us know.

Sincerely,

/signed/

Cesar DeLeon  
Associate Director for  
Pipeline Safety Regulation  
Materials Transportation Bureau

The Director,  
Office of Pipeline Safety Operations,  
Department of Transportation  
Materials Transportation Bureau,  
400, 6th Street, S.W.,  
Washington, D. C. 20590,  
U.S.A.

Dear Sir,

Minimum Federal Safety Standards

Part 192 Gas Pipelines

As a member of a Task Group working on the revision of certain sections of the Australian Standard AS2697, Gas Pipeline Code, on behalf of the Standards Association of Australia, I have been requested to contact your office for elucidation on Paragraph 192.105(b).

Whilst the clause related to, appears specific in its intent, there are two questions I am requested to direct to you for assistance:

1. Does the term "cold worked" also relate to thermo-mechanically (controlled rolled) steel plate, which is subsequently used for pipe manufacture and supplied as pipe in the "non expanded" condition, or does it only relate to pipe in the "cold expanded" condition?
2. Could you advise on the origin of the 600°F limitation on the heating of such "cold worked" pipe.

Trusting that you are able to assist in this matter.

Yours faithfully,  
THE AUSTRALIAN GAS LIGHT COMPANY,

C. B. Rumble,  
Chief Inspector - Engineering Division

