



Final report from the study on water hammer in fire protection system

By Agnieszka Malesinska

LAP Lambert Academic Publishing Apr 2015, 2015. Taschenbuch. Book Condition: Neu. 220x150x6 mm. Neuware - The disturbance which spreads in a form of pressure wave occurs in transient fluid flow conditions. The disturbance speed in the pipes under pressure can reach the value close to the speed of sound in the medium. Course of the disturbance is so complex that it cannot be described in a simple and direct way. Water hammer phenomenon is accompanied by the formation of the oscillatory motion of the pipes in the system. It may even lead to significant displacement of the pipes, which in extreme cases can lead to fire protection system mounting damage. Therefore, correct identification of the dynamic load affecting the system during hydraulic shock wave propagation is essential to increase operational reliability of fire protection systems. In the book the results of the measured forces and the associated displacements are presented. 92 pp. Englisch.



READ ONLINE
[8.79 MB]

Reviews

Certainly, this is actually the very best job by any author. It really is rally exciting throgh studying time. You may like how the blogger write this pdf.

-- **Rudolph Jones MD**

Completely essential go through ebook. I was able to comprehended almost everything using this created e pdf. You will not sense monotony at anytime of your time (that's what catalogs are for relating to if you request me).

-- **Timmothy Schulist**