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**Permabond Steel Mechanical Coupling Encapsulation System  
Passes GTI 90psig Pressure Test and Corrosion Resistance Testing**

SOMERSET, NJ - Permabond LLC received test reports from Gas Technology Institute (GTI) regarding the pressure and corrosion resistant capabilities of the Permabond Mechanical Coupling Encapsulation System. GTI tested for pressure by encapsulating a mechanical steel coupling with the Permabond system. A seven day test including temperature and pressure cycling was performed and upon test completion no measurable loss of pressure was detected. The salt fog corrosion test was performed in accordance with ASTM B117. The test duration was 500 hours and, upon completion, there was no corrosion on the pipe section that was protected by the Permabond Encapsulation System.

The system is comprised of a sealant and an encapsulation bag. The polyurethane sealant requires no primer and provides excellent adhesion to cast iron, cement, lead alloy, and steel. The sealant is TDI free, contains no solvents and has a low odor. It is prepackaged for use with the exclusive new encapsulation bags. The encapsulation bag is made of Dupont Cordura nylon and is rated at 90 denier strength, to allow positioning around the bell joint without tearing. Once positioned, the enclosed C-clamps secure it in place prior to injecting the sealant. The encapsulation repair system can be used through traditional excavation or with the use of extension tools in a cored hole or 1'X1' excavation.

Permabond LLC is a privately held company headquartered in Somerset, NJ with facilities in Pottstown, PA and Cesano Maderno, Italy. Permabond Energy Market Products include: Encapsulation Systems, Gaseal® anaerobic sealant, Utility-Grade pipe sealants and threadlockers.

To receive a copy of this test please contact Permabond by mail: 20C World's Fair Drive, Somerset, NJ 08873; phone: 800-640-7599; fax: 800-334-3219 or email: [joe.cairoli@permabond.com](mailto:joe.cairoli@permabond.com).