

Pressure Injection - Pictorial

**LOCATION**

Undisclosed

**OPERATION**

Tower void filling

**PRODUCTS**CORLOK™ B Mortar
HB™ Mortar

1. Plant Overview



3. Threaded nipples so plugs can be put in after pressure grouting.



2. Nipples were welded on tower body as well as gas inlet.



4. Coupling with on/off valve and pressure gauge.



5. T valve gate with quick connect coupling is screwed onto threaded nipple.



7. Note two on/off valves. First valve closest to tower is open. Second valve on line is closed. Now ready to start pressure grouting.



6. Both valves open. Material is flowing in under pressure. Pressure is monitored to not exceed 80 psi. Material used is a mixture of ErgonArmor's HB™ and CORLOK™ B Mortars.



8. Once void is filled, valve is shut off. Material pressure line is then moved to next nipple. Nipple that was just grouted is then capped. Material will flow out adjacent nipples when void is filled.