

Pipe Installation

Pipe welding, inspection and weld testing

The welding of steel pipes insulated by the industrial method may be performed only by certified specialists. A welder must have a valid certificate indicating his qualifications. A welder must mark seams with his marker for the identification of seams.

Performing the pressure test of the pipeline by cold water, the pressure must be 1.3 times higher than the normal projected pressure. The duration of the test must be 1 hour. A successful testing is recorded if no decrease of the pressure is indicated.

While performing welding works, it is necessary to protect the polyethylene casing from the heated metal sprays. For this purpose, screens of inflammable material are used. After the defectoscopy of welded seams or after a hydraulic test, the insulation of the junctions of the pre-insulated pipes and their profile parts are performed by specialists who have permissions for this work.