NLB Corp.

# Product Application Bulletin

PAB-17

## NLB SPIN-NOZZLE's® Clean Corrosion from Pilings

Madcon Corporation of Ellicott City, MD was contracted to install corrosion-resistant fiberglass jackets on the steel pilings of a pier in Baltimore. The job called for removing all the corrosion and marine life from the pilings to a distance of four feet above and below the mean tide level, since this is where most of the corrosion occurs.

To accomplish the removal, Madcon used an NLB Model 10200D high-pressure water jetting system in combination with an NLB SPIN-NOZZLE-equipped handheld lance, which doubled productivity over previous methods of removal.

After successfully removing the corrosion at 10,000 psi (700 bar) with a flow of 34 gpm (129 lpm), fiberglass cladding was installed and a sealant injected to complete the process.

10,000 psi (700 bar) is applied to the pilings with an NLB 10-280 hand lance and a Model SRH 10-77 SPIN-NOZZLE.

View of the steel pilings prior to application of the high-pressure water.

The fiberglass cladding is installed over the prepared surface and extends the life of the steel pilings.

*The Leader in High-Pressure Water Jet Technology*


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