

**Completion of water supply and
drainage pipes to prevent Red water**

Emergency Effects/Piping Restoration



**Functional Ceramics
Mechancera HES Type Series**



- **Permanent water supply & drainage pipes available**
Removal of red bumps, red rust, and red water
Stripping of existing scale
Existing scale corrosion resistance, exfoliation of coatings due to black rust (magnetite mineralization)
- **Removal of red bumps inside water pipes** (see photo, left)
- **Water quality improvement action**
Silica, Iron, Manganese, Phosphate Ions
Sulfate Ion, Chloride Ion, TDS (total hardness)
M-Alkalinity, Electrical Conductivity, Color, Turbidity, Hydrogen Ion concentration, Permanganate consumption, Ammonia nitrogen, general bacteria, Escherichia coli, Legionella spp.
- **Fuel Economy Energy Saving**
Gas, heavy oil, consumption reduction
- **No chemical injection required**
Water from Boilers, Cooling Towers, Fountain Ponds
Rust prevention, prevention of Algae formation, No need for cleaning agent
- **deodorization**
Building and condominium abatement equipment
Odor removal from drains
Improvement of various sanitary facilities
- **Unclogged drainpipes and grease traps**
Improved emulsion reduction
(improved surfactant action)
- **Wastewater treatment system BOD, COD improvement**
- **Elevated tank purification/cleaning**