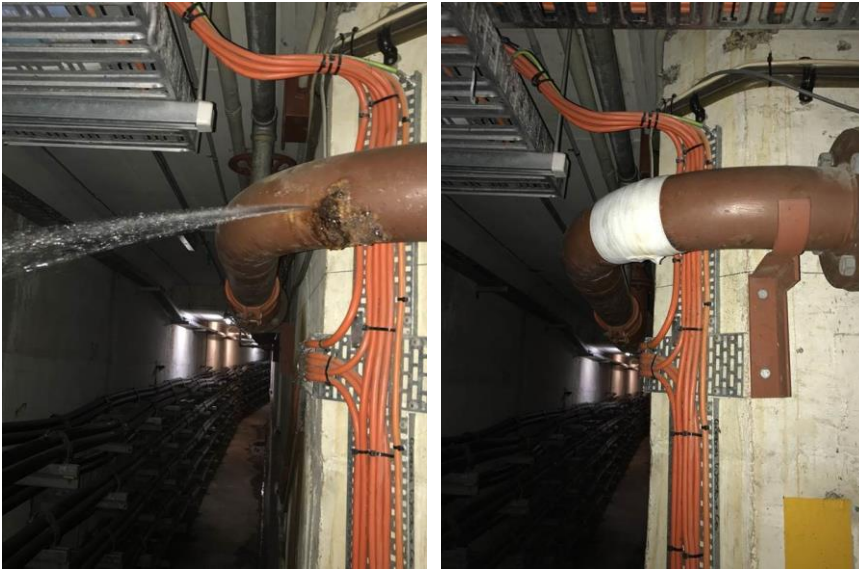




PIPE REPAIR BANDAGE

HYDROELECTRIC POWER STATION CASE STUDY



EMERGENCY REPAIR SOLUTION FOR HYDROELECTRIC POWER STATION

Rapp-it is suitable for use on corroded fluid lines, water articulation pipelines and outflow pipes that are widely used in the hydroelectrical power stations.

SCOPE

The customer advised that they had an overhead leak in a 100mm water main line. The pipe required urgent repair, as the damaged area was dangerously close to electrical conduits which was creating a safety hazard for staff accessing the area.

Pipe Substrate	Steel
Pipe Contents	Water
Internal Pressure (psi)	800kpa / 117psi
Temperature (°C)	8°C – 15°C
Pipe Diameter (mm)	100mm
Damaged Area (mm)	180mm

SOLUTION

The customer reduced the line pressure and then cleaned and roughened the damaged area. The leak was stemmed with Rapp-it Steel Putty and a RAP164 was applied over the top. The line was up and running at full capacity, 30 minutes after application.

RAPP-IT EMERGENCY WATER CONTAINMENT

“We recently applied the Rapp-It bandage repair kit to a leaking 4-inch water main pipe. Upon return to service of the pipe, no leakage was detected, and the water main line has remained in service allowing us to now long-term budget plan replacement of this section instead of an unplanned budget cost and replacement.”

Really happy with the performance and highly recommend the product to all manufacturing industries for usage in breakdown situations maintaining production.”

**Generation Technician
Hydroelectric Power Station, TAS.**

