



## PIPE REPAIR BANDAGE

# WASTE TREATMENT PLANT CASE STUDY

### EMERGENCY REPAIR SOLUTION FOR WASTE TREATMENT PLANT

Rapp-it is suitable for use on sterilisation systems used to quarantine waste which are commonly found in waste treatment facilities.

### SCOPE

Stainless steel steam pipes are used to quarantine waste in waste treatment plants. However, sometimes abrasive materials can contaminate the steam which can impact the integrity of the pipe. The customer advised that they had a crack at the crimped joint on the steam pipe. The pipe required an urgent repair otherwise approximately a 6-hour unplanned shutdown maintenance was needed, costing thousands of dollars in unnecessary downtime.



Pipe Substrate	Stainless steel
Pipe Contents	Steam / Air / Low pH water
Internal Pressure (psi)	36psi / 250kPa (+/- pressure)
Temperature (°C)	130°C
Pipe Diameter (mm)	40mm
Damaged Area (mm)	Crack

### SOLUTION

The customer cleaned and filed the damaged area. The customer then applied Rapp-it Steel Putty around the crack and Rapp-it Pipe Repair Bandage (50mm x 3.6m) around the damaged area. The steel pipe was up and running at full capacity 30 minutes after applying Rapp-it.

### RAPP-IT EMERGENCY PIPE REPAIR

*"Rapp-it worked perfectly; I'd seen it before a few times but never used it. Repaired in 2 hours and that includes procurement. Excellent stuff. I'll keep a spare on site."*

**Mechanical Engineer, Ipswich QLD.**