

# Drain out time increase in chemical treatment

**Location:** Energypac Ltd., Bangladesh

**Process:** Metal sheet fabrication

## Before

- Adequate drain out time was not maintained while removing fabricated sheets from chemical treatment tanks
- As a result, lots of chemicals and water were carried to the next process tank thus resulting in a diluted chemical mixture with acid / water loss



## After

- The company has installed a stop watch for the workers controlling dipping crane in the chemical treatment section
- Workers are trained to follow adequate drain out time (15-20 seconds) by measuring time from the watch



## Costs/benefits

**Cost:** BDT 2,000

**Payback:** < 1 month

**Annual savings:** 3-5% of acid and water

*(Approx. 137 l acid and 10800 l water per annum)*

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