

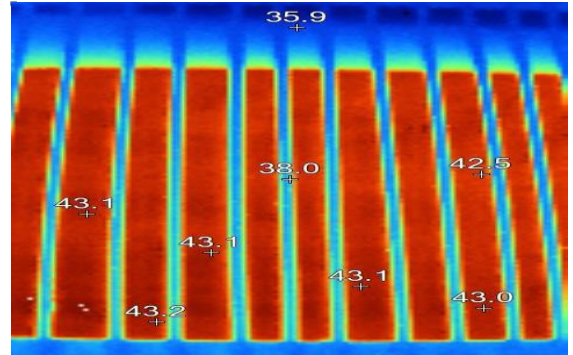
# Heat loss reduction

**Location:** IWW Steel, Sri Lanka

**Process:** Rolling unit

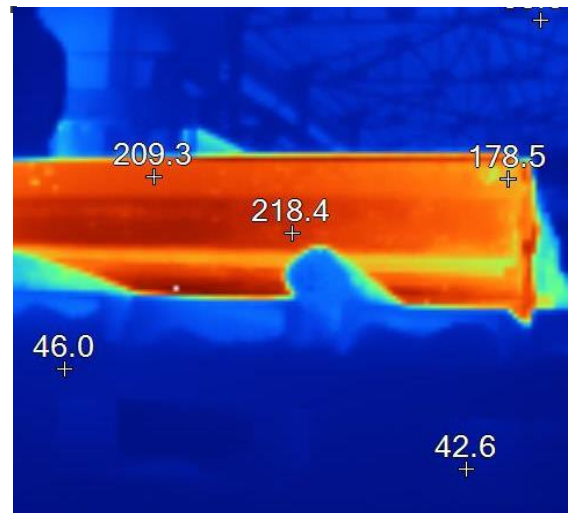
## Before

- Billets produced from induction furnace melt were allowed to cool down
- Billets at around  $\sim 45^{\circ}\text{C}$  were fed to re-heating furnace for heating, prior to rolling



## After

- Billets from induction furnace are fed to reheating furnace when hot ( $\sim 200^{\circ}\text{C}$ ) before having cooled down
- Savings of 0.2 L of fuel (heavy fuel oil (HFO)) per tonne of production



## Costs/benefits

**Cost:** Nil

**Payback:** Immediate

**Annual savings:** LKR 3,078,000

(34,200 L of HFO)

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