

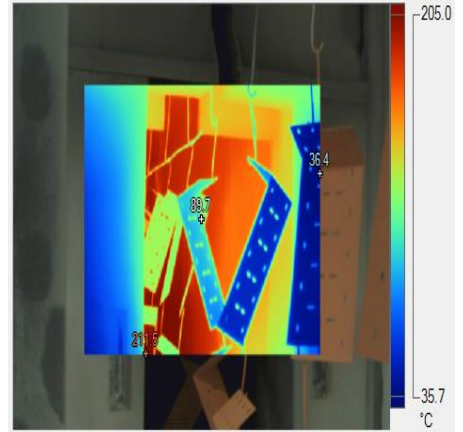
Heat loss reduction

Location: Electro Metal Pressings, Sri Lanka

Process: Fabrication

Before

- Heat losses due to oversized openings
- Doors of the Liquid Petroleum Gas (LPG) fired oven (both feeding and withdrawal) are opened fully irrespective of the shape and size of the part, leading to heat loss through opening



After

- Oven door is kept at an optimum level of opening which is preset at beginning of each work



Costs/benefits

Cost: Nil

Annual savings: LKR 120,000

Payback: Immediate

(1,200 kg of LPG)

Contact: Dr. M Balakrishnan, malinib@teri.res.in

Mr. Samantha Kumarasena, samantha@ncpcsrilanka.org

Disclaimer: This document has been produced with the financial assistance of the European Union. The contents of this document are the sole responsibility of TERI and can under no circumstances be regarded as reflecting the position of the European Union.