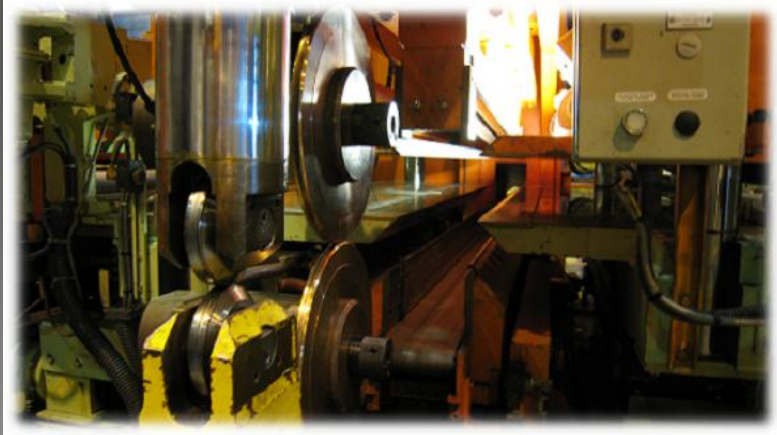


Steel industry – Weld quality monitoring

Welding machine



Customer *problem*: weld failure in furnace during coating process



***V*₂*i* solution:** dedicated hardware & development of KPI's for weld quality monitoring

- Weld parameters recorded
 - Current intensity & voltage
 - Sound & vibrations
 - Welding machine position
 - Strip parameters (thickness, material, ...)
- Remote access
- Database



KPI's computation & communication to operator

V*₂*i