

# CASE STUDY

## A Meat Processing Plant in East Central Canada



### Problem

- High rejection rate
- Underweight and burnt meat balls and meat patties from the production line

### Objective

To maintain optimum temperature and moisture profile for improved productivity

### Solution

- Extensive audit of the processing plant's systems
- Desuperheating system with variable nozzle desuperheater, control panel and temperature and pressure transmitters
- Controller programmed to adjust the amount of water based on incoming steam pressure

### Benefit

- Steam temperature optimised to suit process requirements
- Weight of meat balls and patties regulated with adjustment of water injection
- Reduction in rejection rate due to charring
- Increased productivity