

CASE STUDY

A rice bran based solvent extraction plant in Southern India



Problem

- High DOC and hexane duct temperature
- Variation in DOC temperature
- Moisture variation in dt outlet
- Variation in DOC quality
- High SSC/ steam consumption

Objective

- to reduce overall Specific Steam Consumption in the plant
- to achieve consistent DOC quality

Solution

Installation of Forbes Marshall dtMAC automation package with iLogic

Benefits

- Specific steam consumption reduced from 385 kg/ton to 305 kg/ton
- 20% saving in steam consumption
- improved quality of DOC in terms of temperature, colour and moisture
- all trends accessible remotely with real-time data