



# Process Management

## Fiber preparation

### Balancing cost and quality



#### Customer values

- Obtain techno-economic advantage
- Balancing cost and quality requirements for better profitability
- Quick response to technology changes
- Avoidance of production losses
- Instant stability in operation
- Trouble-free operation

#### Day 1

- Need of opening, cleaning, blending and mixing
- Understanding the definition of degree of cleaning and cleaning efficiency
- Factors influencing the degree of cleaning and cleaning efficiency
- Air measurement and adjustment and its role in achieving required degree of cleaning
- Understanding the role of ambient climate in blowroom performance

#### Day 2

- Raw material management, fiber testing and its interpretation
- Bale laydown and does and don'ts for bale laydown
- Understanding what is Stop/Go ratio in blowroom and its importance in quality consistency
- Machine optimization based on waste analysis

#### Day 3

- Infeed material requirement for better carding performance
- Carding machine setting based on waste analysis
- Sliver testing and test report interpretation – doing neps report analysis
- Trouble shooting – nep removal efficiency/fiber damage
- Role of wire maintenance in overall carding performance

#### Duration:

- 3 days

#### Target audience:

- Supervisors and above – production, quality, maintenance, utility

#### Number of participants:

- Up to a maximum of 10 – 15

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