Elevate your factory with solutions that maximize the efficiency and effectiveness of operations. Engineered for simplicity, our systems aim to streamline workflows, enhancing both productivity and operational ease.

> in providing Rubber **Industry Solutions**

EXPERIENCE

TRANSFORM YOUR FACTORY INTO A STATE-OF-THE-ART, INTELLIGENT HUB

OIL

Barcoded RM Inward

RM Quality Check

RM Return to Stores

Poka-Yoke at Material

Real-Time GRN based

Material Consumption

Weighing as per

the Recipe BOM

Material weight cross

Loading into Silos

verification

WEIGHING SYSTEM

Location

Stores Management System

CHEMICAL

RM Quality Check

FIFO Based WIP Issue

WEIGING SYSTEM

Poka-Yoke at Material

Real-Time GRN based

Material Consumption

Accurate

Weighing as per

the Recipe BOM

Loading into Bins

verification

FINAL COMPOUND

FB compound quality check

Compound identification till

Final batch barcode

FG

Location

RM Inventory with Storage

DIGITAL **MIXING SYSTEM**

Quality Management System

POLYMER

- Barcoded RM Inward
- RM Ouality Check
- FIFO Based WIP Issue
- RM Return to Stores

WEIGHING SYSTEM

- Poka-Yoke at Material Loading Real-Time GRN based
- **Material Consumption** Material weight cross
- verification
 - Weighing as per the Recipe BON

CARBON

- Barcoded RM Inward
- RM Quality Check
- RM Inventory with Storage Location

WEIGHING SYSTEM

- Poka-Yoke at Material Loadina into Silos
- Real-Time GRN based
- verification



Weighing as per the Recipe BOM

RM FEEDING

INTERMIXER / BANBURY

BATCH OFF

- Batch quantification
- Real-time visibility of a running batch

OPEN MILL

- Poka-Yoke at compound feeding before and after
- Real-time visibility of a

- running batch

Mixer Recipe Management System & SCADA

- Poka-Yoke at feeding
- Accurate direct injection weighing
- Real-time visibility of a running batch

 - Reports



Track & Trace (RM to FG)

Energy Monitoring System

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What Are the Key Area Of Value?

DELIVER QUALITY AT REDUCE

Enhanced Operational Efficiency

COST & RISK

- Improve Quality and Compliance
- **Innovative Process Control**
- **Advanced Data Analytics**
- **Increased Asset Utilization**
- **Robust Traceability and Transparency**
- **Energy and Cost Savings**
- **Customized Integration**

Why Not BASE?

ISO certifications, 28+ years of expertise, seamless system integration, customer-focused services, and cutting-edge innovations in Smart Factory concepts.

BATPL excels in industrial automation with CSIA &

OEE - Downtime Statistical Process Control **Workforce Enablement Trend Analytics Process Historian Production Scheduleing SAP Integration** Machine Learning and Al Real-time Monitoring and Diagnostics **Asset Performance Management Environmental Compliance**





Execution part was good. Updates on the status of the Project was given. Communication and Governance execution was good.





