

Smart Intelligent Manufacturing (SIM4.0) for Transition in Industry 4.0

FACTORY AUTOMATION

SIM4.0
SMART & INTELLIGENT MANUFACTURING

Delivers Insights via Automated Online Dashboards & Reports

Helping factories to reach new heights by setting targets time-to-time

Monitoring plant KPIs (key performance indicators) in real-time, continuous improvisation and benchmarking for future analysis

Plant KPIs Tracking :

Production trends, consumption trends, OEE (Overall Equipment Efficiency), Out Turn % trends

Show all lines

COMPARE	PROCESS	LINE	PARAMETER	UNIT	DESIGN	MIN-MAX	OCCURRENCES	DURATION	Deviation	MIN VALUE	MAX VALUE
<input type="checkbox"/>	Withering trough	Line 1	Withering - Ambient temperature	°C	25	15-28	2	07:35		11.01	33.00
<input type="checkbox"/>	Withering trough	Line 1	Withering - RH	%	68	58-75	2	07:35		53.02	82.99
<input type="checkbox"/>	CTC	Line 1	CTC - Std of Cut	A	34	25-41	2	07:35		20.08	50.97
<input type="checkbox"/>	CTC	Line 1	CTC - Dhool temperature	°C	32	30-34	2	07:35		20.07	44.98
<input type="checkbox"/>	Withering trough	Line 3	Withering - Ambient temperature	°C	25	15-28	2	07:35		11.00	32.98
<input type="checkbox"/>	Dryer	Line 2	Dryer - Inlet temperature at lower side	°C	140	130-150	2	07:35		110.03	150.95
<input type="checkbox"/>	Dryer	Line 2	Dryer - Exhaust temperature at upper end	°C	75	70-100	2	07:35		60.02	100.89
<input type="checkbox"/>	Boiler	Line 1	Boiler - Feed water temperature	°C	92	85-100	2	07:35		70.04	100.98

Actual tracking of process parameters in: withering, feeding, CTC, fermenting, drying, sorting etc.

CLIENTS FEEDBACK

1-5% increase in the production of Made Tea

0.05 - 0.1 kWh reduction in electricity consumption per kg of Made Tea

Wastage reduction & increasing best graded Tea Production

GET IN TOUCH

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