

JVSOLINDIA INC



Foundary Dashboard Web Application

Industrial Sand Processing & Quality Control

Dual PLC Integration with MySQL Database

Cooler PLC

Mixer PLC

MySQL Database

Foundry Web Application

- Website access to foundry production information
- Centralized dashboards and reports
- Designed for engineers, supervisors, and management

System Overview

- **Unified Web Access Platform**
 - Acts as a central interface between users and foundry systems
 - Displays real-time data, reports, and interactive charts
 - Ensures consistent and seamless access across browsers and devices



Key Capabilities

- **Enterprise-Grade Foundry Web Application**
 - Comprehensive dashboard visualization and report analysis
 - Secure access and controlled document downloads
 - Smooth and intuitive navigation across all application modules



Data Visualization

- **Clear & Actionable Insights**
 - Visual trend analysis through intuitive charts and graphs
 - Structured tabular views of production and operational data
 - Rapid identification of performance deviations and process variations

Document Management

- **Report Export & Storage**
 - Download and store reports for offline access and future reference
 - Automatic file naming and structured organization
 - Clear status messages and confirmations for successful downloads



Application Screen Overview



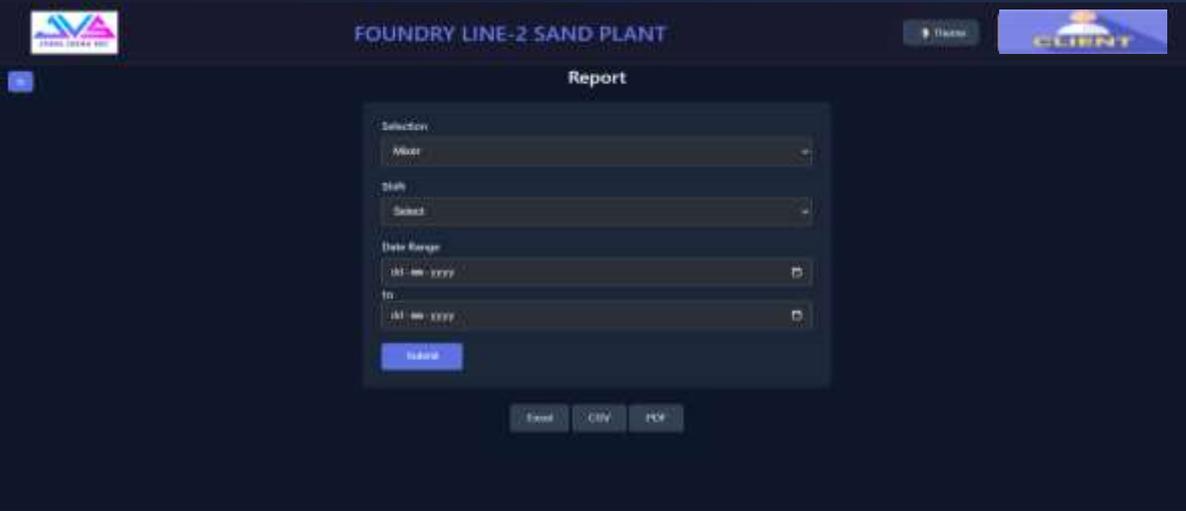
- **Production Overview Page**
 - Displays real-time mixer live status
 - Shows cooler live status for continuous monitoring
 - Provides quick access to production reports
 - Visualizes key data through interactive graphs and trends

Application Screen Overview

- **Production Dashboard View**
 - Displays the overall production status in real time
 - Enables quick navigation to detailed reports and analytical charts
 - Provides high-level visibility into operational performance



Application Screen Overview



- **Report Export & Storage**
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 - Automatic file naming and structured organization
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Application Screen Overview



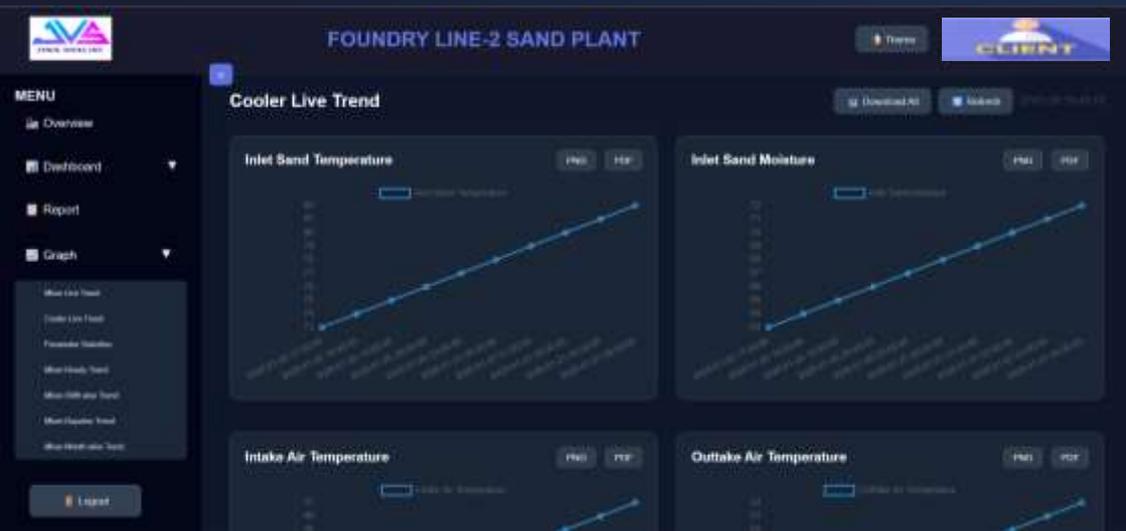
- **Graph & Trend Analysis**
 - Visual representation of production trends over time
 - Helps identify operational variations, patterns, and anomalies
 - Supports effective performance comparison and decision-making

Application Screen Overview



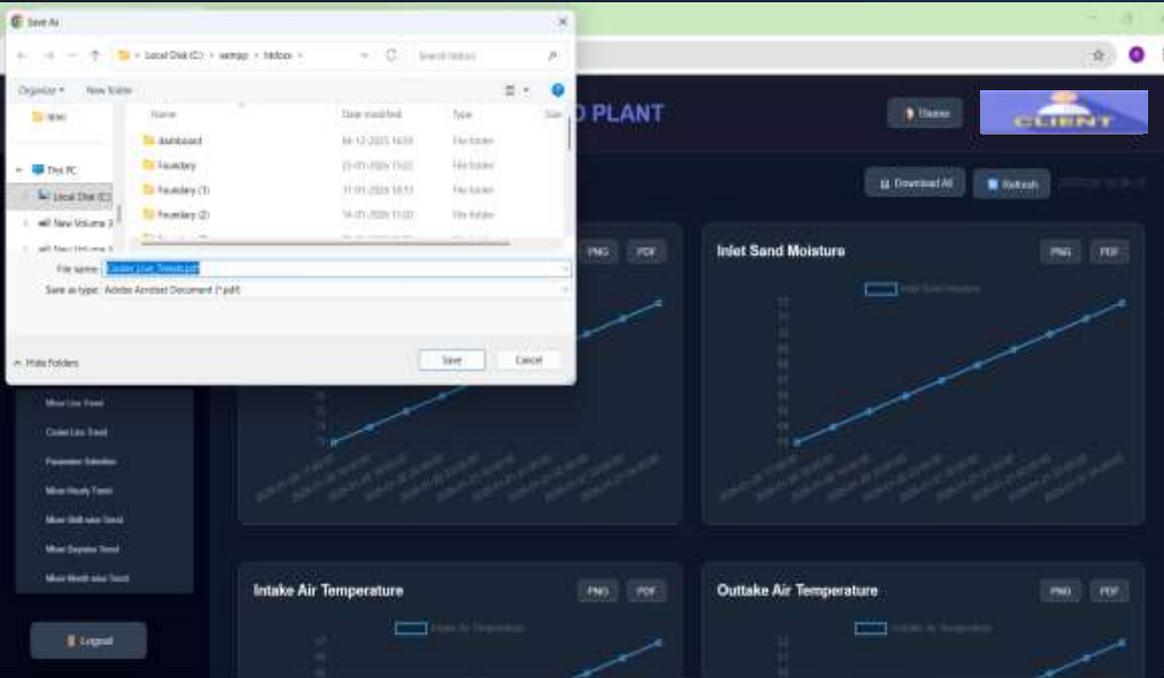
- **Detailed Report View**
 - Provides a focused view of selected production and operational records
 - Enables in-depth analysis of individual parameters and metrics
 - Enhances accuracy and confidence in data-driven decision-making

Application Screen Overview



- **Download & Export Screen**
 - Enables users to export and download reports securely
 - Ensures files are saved correctly with clear confirmation messages
 - Supports offline access to downloaded documents

Application Screen Overview



- **Download Confirmation**
 - Notifies users upon successful report download
 - Ensures user confidence in secure and accurate file storage
 - Provides immediate feedback for completed download actions

Benefits & Applications

- **Why This Application Is Useful**
 - Improves accessibility to real-time foundry data anytime, anywhere
 - Reduces dependency on desktop systems and manual monitoring
 - Enables faster, data-driven operational decisions



Conclusion

- **Reliable & User-Friendly Foundry Solution**
 - Enhances visibility of real-time and historical production data
 - Simplifies report access, downloads, and secure storage
 - Designed for ease of use in demanding industrial environments

Screen Shots

FOUNDRY LINE-2 SAND PLANT

Theme

CLIENT

Report

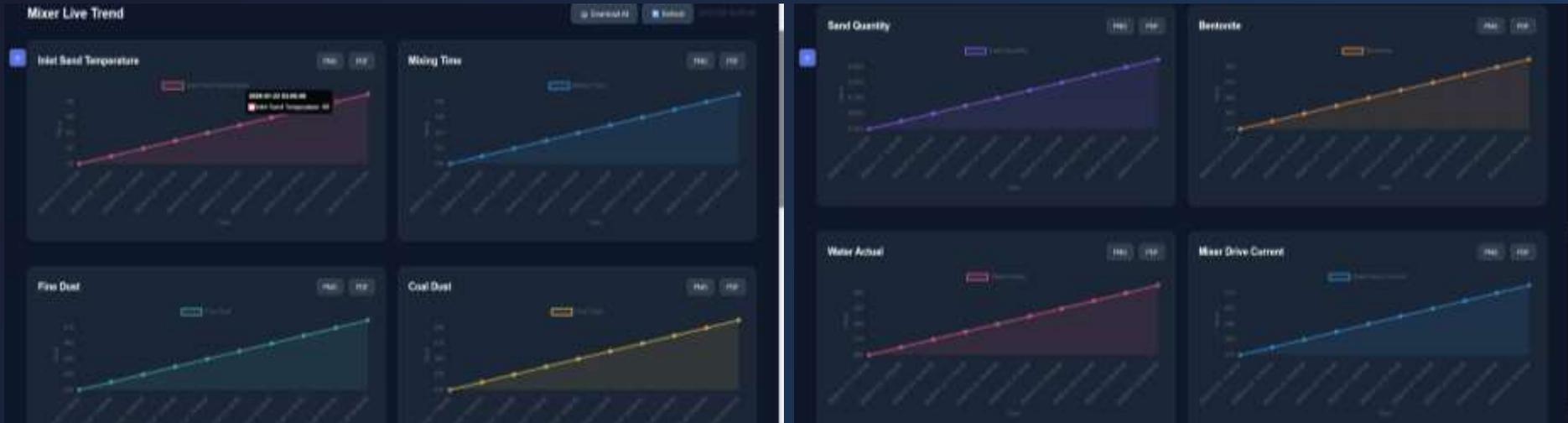
Shift: Set A (07:00-15:00)

Data Range: 01-01-2020 to 01-01-2020

Filter

Date	Time	Shift	Recipe Number	Batch Number	Inlet Temp	Mixing Time	Sand Qty	Ash Content	Coal Feed	Fine Dust	Water Actual	Moist. Entry Curve	Compatibility	SIC Strength	Ball Ball's Count	Inlet Sand Moisture	New Temp	Compressibility Target	Temperature
01-01-2020	06:27:41	A	1	107	41.32	00:00:00	0	0.00	0.00	0.00	0.00	41.00	2633.00	Good	1.04	0.00	40.50	2020-01-01 06:27:41	
01-01-2020	06:40:01	A	1	108	41.00	00:00:00	0	0.00	0.00	0.00	0.00	40.00	2577.00	Good	1.04	0.00	40.00	2020-01-01 06:40:01	
01-01-2020	06:42:20	A	1	109	40.00	00:00:00	0	0.00	0.00	0.00	0.00	40.71	2606.71	Good	1.03	0.00	40.00	2020-01-01 06:42:20	
01-01-2020	06:45:01	A	1	110	41.00	00:00:00	0	0.00	0.00	0.00	0.00	40.00	2604.00	Good	1.07	0.00	40.00	2020-01-01 06:45:01	
01-01-2020	06:47:48	A	1	111	40.40	00:00:00	0	0.00	0.00	0.00	0.00	40.21	2573.10	Good	1.04	0.00	40.50	2020-01-01 06:47:48	
01-01-2020	06:52:25	A	1	112	41.00	00:00:00	0	0.00	0.00	0.00	0.00	40.40	2637.00	Good	0.98	0.00	40.01	2020-01-01 06:52:25	
01-01-2020	06:56:57	A	1	113	47.22	00:00:00	0	0.00	0.00	0.00	0.00	40.20	2571.00	Good	1.07	0.00	40.50	2020-01-01 06:56:57	
01-01-2020	06:59:44	A	1	114	40.47	00:00:00	0	0.00	0.00	0.00	0.00	40.01	2574.21	Good	1.02	0.00	40.00	2020-01-01 06:59:44	

Screen Shots



Screen Shots

FOUNDRY LINE-2 SAND PLANT

Parameter Selection - Trend

Select Mixer/Order: Mixer

Parameter Name: Sand Quantity

Date Range: 21-01-2024 to 21-01-2024

Time Range: 00:00 to 23:59

Submit



THANKYOU

Contact Us

✉ Email: mahaboob@jvsol.co.in

🌐 Website: www.jvsol.co.in

☎ Phone: +91-7795345309, 9380905907

