

Inspire Real Time Apparel Production Monitoring System

We are pleased to introduce ourselves as Xcellent Automations Pvt.ltd.,India, developers of "Inspire" an unique "Real-Time Apparel Production Monitoring System" which is user friendly and simplifies the monitoring process but still acquires enormous data from the production floor alongwith reasons for the production delay.

Inspire works with the basis of SCADA concept an Industrial Control System commonly used in Engineering Industries where there are lots of parts involved in an assembly process. Inspire System comprises of Software cum Hardware alongwith "Operator Overhead Status Indicator Light".

Inspire Software:

Inspire software works based on the Operation Bulletin of a Style and allows the users to plan the Machine & Operator for different operations. Most importantly Inspire doesn't require any Barcode, RFID, etc, to monitor the production, reducing the hassles of Pre production work.

Inspire Hardware:

Inspire SCADA device will be fitted on individual Sewing Machines to collect the real time production data, the plan for the device will be sent vide software.

Inspire Operator Overhead Status Indicator Light:

A Light will be fitted on individual Sewing Machines which act as a visual aid for the floor management to identify the bottlenecks in real time, enables dynamic corrective action resulting in improved productivity.

Real Time Data Collection:

Inspire records the production data of individual operators in real time and also records the idle time alongwith the reason.

Automatic Data Capture:

Inspire has an option of Automatic Data Capture from Under Bed Trimmer Machines making it easy for the operators.

Enables Bi Directional Communication:

Inspire acts as an effective communication tool for both the Management and the Operator.

Effective Communication Tool for the Management:

Inspire device allows the management to give specific instruction to an operator and also send warning messages for any quality issues, which will be indicated to the Supervisor through the Light.

Effective Communication Tool for the Operator:

Machine Operator can communicate problems to the Supervisor by pressing No-work & Machine Fault Buttons on the device, on pressing these buttons Overhead Operator Status Indicator glows in different colours to indicate the problem to the Supervisor in real time enabling him to solve the same immediately.

Motivating Tool:

Inspire plays a major role in improving productivity of Operators by alarming them with a beep and light indication on exceeding the allocated SAM / SMV. Operator can see their performance levels in the device and improve the same.

Inspire Production Display Board:

Inspire Production Display Board helps the team to visualize their performance levels and improve their performance, very helpful to achieve best results as a Team.

As you are aware in the current market scenario, improving productivity has become the top most priority of the Apparel Industry.

Costing Module:

Inspire comes with Costing Module, a tool for the management to calculate the Production Cost of a Line or individual Operator. Also helps with data for calculating Incentives for better performers.

Machinery Maintenance Module:

Inspire Machinery Maintenance Module makes it easier for the Maintenance department to maintain the breakdown record and preventive maintenance Schedule.

Inspire Production Reports:

Apart from the above, Inspire consolidates the real time data acquired from individual operators and provide various Production reports for the management to analyze and improve the productivity.

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| 1. Hourly Production Report | 6. Time Study Report |
| 2. Style Report | 7. Work Analysis |
| 3. Work In Process | 8. Operator Performance Report |
| 4. Factory Performance Report | 9. Machinery Maintenance report |
| 5. Inspection Report | 10. Other Reports |

To explore more about Inspire please visit www.xcellent.in

We look forward to hear from you.

Thanks & Regards

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