

# Is anything is important than Quality? Error Proof of your Production!

## Sky-FML quality management system, “the end of error-prone paper system”.

This Web and Mobile application helps to meet industry and customer compliance with a closed-loop digital system of record. Take control with accurate, real-time visibility and data capture to ensure repeatability, predictability and compliances.



Rigorous quality control measures are important for component performance. In some heavily regulated industries, mandates are in place for part specification and performance verification. Proper FML services help businesses meet the necessary standards. The primary benefit of FML is its ability to confirm your process's validity, from materials and tools to manufacturing. When your FML declares high-level accuracy between your design and the result, you can guarantee that your processes work as intended. FML can also improve the communication and relationship between the customer and the supplier. With verified design and process parameters, both parties know what to expect from the final product and will feel satisfied with the result.

### When should First Off to be performed?

- First run of a production process,
  - After any changes that could affect product accuracy.
- Applicable circumstances could include:
- Part reentering the product line after a hiatus
  - New manufacturing location
  - Testing a new supplier
  - Customer's request to guarantee they receive the accuracy they want from their parts.

### Middle Off/ Patrol:

The process of taking precise measurements of parts coming off the line during the production on a constant interval of time subsequent to the First Off, till Last off, to monitor the conformity during the processes. The number of samples may be fewer than the First Off or Last Off.

### Last Off:

The process of taking precise measurements of parts coming off the line at the end of production. These undergo comparison with the First Off reports for consistency. By ensuring the measurements are the same at the end, one can logically deduce every part in between meets the part's exacting specifications.

#### Benefits of Last Off Inspection

- Identifying the root cause of a nonconforming part.
- Verifying that any non-conformances are resolved.
- Establishing traceability.
- Increasing confidence in part conformity, especially in conjunction with the First Off & last Patrol.

### SKY-FML Product Functionality

The solution comprises of : **Web Application and Mobile App.**

#### Purpose of Web Application

- To define the necessary master data details such as Product, Quality Parameters and Machine etc.
- Would able to view the quality checking transactions generated from mobile app
- Reports and deviation analysis etc.

#### Purpose of Mobile Application

- The Mobile App is to document the FML activities at the place of work on the mobile, based on the Quality parameters defined in the master
- Would able to capture the images of the Part where ever is applicable to ascertain the quality verifications.



### Benefits of the Solution

- ✓ Strictly adhere to the conformity of customer's quality specification.
- ✓ Track and Trace the production and non-conformity
- ✓ Maintain vigilance on to time to perform FML and track the deviation.
- ✓ Ability to take the image of the conformity and non-conformity with time stamp embedded.
- ✓ Track the accepted with deviation if any.
- ✓ Prevent from missing or skip the quality parameters.
- ✓ Ability to get the report with more legible than hand written.
- ✓ Based on the measures system determines the OK or NG.
- ✓ Improves employee's effectiveness.
- ✓ Increase in customer satisfaction.
- ✓ Improves organization's efficiency



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