The tissue control phase, i.e. the activity of inspector, covers a very important role within many companies into the world textiles (weaving, Printing, Dyeing, controllers).

The inspector is responsible for the detection of defects in fabric, their registration and classification for entities, extension and severity.

FEATURES

♦ The application that manages the Speculum is very versatile and adaptable to a variety of situations:
  ▪ have independent living (STAND ALONE)
  ▪ can be connected to a server (MACHINE)
  ▪ can communicate with other management programs do not belong to the Group OPLA’

♦ The software uses a Microsoft SQL Server database that can be interfaced with the enterprise management system in order to receive necessary information input to the inspection of the piece and return the data collected at the end of the work.

♦ The software is attached to a card COUNTING METERS, of our production, which captures the data through an optical encoder.
  ▪ detection sizes of pieces.
  ▪ position detection of defects.

♦ Defects reported by inspector are shown on the screen

♦ The use of a TOUCH SCREEN MONITOR simulates the mouse pointer and is easy to use in working position of the inspector.
At the end of "visit" of the patch the software automatically handles the printing of labels containing the identification of the fabric.

You can customize the software according to the type of defect and the necessary information. Some customizations can be handled autonomously.

Avoids duplication of work: the data collected during the "visit" of the piece are inserted into the database and are then available and consultable also on the management/sales office.

FUNCTIONS

The needs of individual companies (textures, printers, dry cleaners, controllers) are very different from each other and this leads to differentiation in existing programs.

The requested information regarding the different types of defects (sealing, shutting down, taping, error,...). The management is structured so that you can have a highly personalized case studies.

You can manage every single defect by specifying the type, extension and location.
Follows video for example refers to a weaving

At the beginning of the work, you must provide to the application some data on the fabric that you will normally have the inspection machine: identification data article (personal and any order information linked to it) that allow the user to declare about which fabric is going to work. The input parameter of this data can be the number of the piece, or tissue match, or the batch of dye, or the article to visit. Fabric information can be loaded automatically with a link with the business management system that is implemented in different ways: with OLEDB or ODBC connections, with one text file exchange with AS400 systems interfacing, etc..
The inspection screen shows a map of defects available and at top right the device counts meters which is interfaced to the encoder of the inspection machine and increases gradually as the patch is inspected.

To report a defect, simply select one of those present on the map screen.

According to the arranged configuration in the schedule of the defects:

- The position of the defect
- Its gravity
- Its length (if the defect “extends” in more meters).

On the right side of the screen in addition there is virtual screening of the piece during his visit and that reports the summary position of defects.

By using the directional arrows located at the top left you can navigate through subsequent work screens.
The first screen represents the list of all faults the inspector compared in the piece just "seen". For any faults are indicated the location data, gravity, extension, and possible bank attributed during the visit and you can make corrections, add or remove defects and type annotations.
The second screen shows the General characteristics of the piece. You have the option to add the square footage, symptomatically information accessories (e.g. the height of fabric, frame, backgrounds, etc..) or edit notes about the entire piece.

The last screen is a summary of the information of the visit and can be customized to allow the user to manage the final stage of the work and then return consistent data to accounting software.
The software has the ability to generate automatically and print a label on a visit and to generate a patch cut.
SOME PARTICULAR FUNCTIONALITY

- Checking the weight of the pieces even if inspection more articles on the same tube with control over the standard weight and load cell connection (scale).

- Possibility, in case of multiple inspection a patch, see the map of defects detected during the last inspection.

- Marking management with automatic activation for each interval meters defined.

- Checking of lengths and drops the piece by the standards of article.

- Possibility of activating the LabelText at particular defects.

- Ability to indicate for each operator’s fault that created it. In connection with the detection frames retrieves the active Weaver on the frame at the time of the fault.

- Possibility to connect to any warehouse store for patches and packaging line for unloading of patch-controlled.

- Ability to view the image in inspection fabric. If active JacqSuite program, the image is automatically create by the JacqSuite simulation.

- Possibility of automatic alerts for the first production of an article or the first piece produced by a warp.

- Managing downtime detected with relative motives and work times with inspection speed test.

- Possibility of automatic calculation of transfers, demerity point, index quality, choice of the piece in inspection.

- Ability to manage fents pieces

- Ability to generate packing lists, batch patches summaries and other reports of late inspection machine.

- Management of overlapping defects (defects contemporary statement continues and punctual in the same area of the piece).
Where OPLA’ INSPECTION MACHINE takes place?

1. Fabric Warehouse
   - To Check

2. OPLA’ Inspection Machine Management

3. Warehouse of the Checked Fabric

4. Packing List

5. Delivery of the Pieces
CONTACS

Our offices are open:
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