BRAID CUT & MARK MACHINE – FILE CONTROL SYSTEM

Current Window: Item List

CREATE A NEW FILE					X

File No	Item Description	Drawing No	Drawing Issue	Jig Status

File No [ ]

Item Description [ ]

Drawing Number [ ]

Drawing Issue [ ]

Save | **Edit** | **Delete** | **Clear**

File No:

Should be given by production when create a new file & should be a unique number

Item Description:

Should be given by production when create a new file.

E.g. AC10-0247001 Long Mesh Cord

Drawing Number:

Should be given by production when create a new file.

E.g. AC10-0247001

Issue Number:

Should be given by production when create a new file.

E.g. 5

> ONLY the jigs with 'WORK' status are appeared here.
>
> When file name in the table is clicked, relevant data should be appeared in the right hand side.

Note: All of above 4 filed are mandatory to fill.

Save:

When save button is clicked, above 4 fields should be saved in the database & appeared I the right side table. Jig Status should be changed as 'WORK'.

It is better if SAVE button is inactive till all 4 field are filled.

Also if any duplication has happened to the file name an error message should be appeared as 'FILE NAME ALREADY EXISTS' when save button is clicked. Record should not be saved.

WARNING!
FILE NAME ALREADY EXISTS
OK

Edit:

Any alteration work done to the jig (WORK Status) in right hand side table should be saved clicking this. Existing record is overwritten.

If any duplication has happened to the file name an error message should be appeared as 'FILE NAME ALREADY EXISTS' when save button is clicked. Record should not be saved.

WARNING!
FILE NAME ALREADY EXISTS
OK

I think there was an issue with this. Please check

Delete:

By clicking this user should able to delete a existing record in the right hand side table. Before deleting the record a warning message should be appeared as below.

WARNING!
Is it OK to permanently delete the selected record?
YES   No

Clear:

Just to clear the data on left hand side (to clear left side window). Nothing should happen to the relevant data on the right hand side table.

Window Name: Create Jigs

ONLY the jigs with 'WORK' status should be appeared here.
When a description is selected, relevant file no, drawing & issue should be appeared on right hand side

CREATE JIGS	X

Select Item Description [▽]   File No [ ]

                                                     Drawing No. [ ]

Cord Length [ ]   Issue: [ ]

Middle Point [ ]

Default Color ○   Starting Color ○   Centre Color ○   End Color ○

Total Marks [ ]   Cut & Mark Adjustment Value [ ]

No of nets per turn [ ]

Value can be added when status is 'work' only

[**Done**]   [**Remove**]   [**Cancel**]

Select Place [▽]

Select Color [▽]   **ADD** ⇒

Preview Marks

In addition to select from drop down ability should be there to manually type the place No. Also when click a place No. on the right hand side table it should be appeared here.

Place No.	Color	Gap
		Manually enter
		Manually enter
		Manually enter
		Manually enter
		Manually enter
		Manually enter

Status:

K-K Distance [ ]   [**Run**]   [**Save**]   [**Submit to QA**]   [**Delete**]

Note:

In the table, first three & last three gaps should be manually entered.

Run:

After entering the first three values manually, K –K distance should be entered & should click '**RUN**' button to automatically fill other gaps. Gaps should be symmetrical around the center mark but values displayed as accumulated values.

Save:

To save generated values in the database. Clicking of save button does not submit jigs to QA & status is remained same as 'WORK'.

If need production should have ability to do changes to the saved items & save again.

E,g. Change colors, Change K-K distance.

Re-clicking of 'Save' button should overwrite the previous record.

Submit to QA:

When this is clicked status of the jig is changed as 'PENDING VALIDATION'. Thereafter production has no right to do any changes to that jig.

Delete

To delete a saved file. (before submitting to QA)

Window Name: Validate by QA

Access Rights; Only to QA

ONLY the jigs with for selected status will appear here.
When a description is selected, relevant file name, drawing & issue should be appeared on right hand side

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QA STATUS CHANGE   X

Pending Validation	○	
Only for FAI	○	
Validated	○	
Validation Due	○	
Archived	○	

This should be disabled when selected status is 'Archived'.
During our discussion I think we decided to keep this button disabled if 'validated' jig is selected. It is wrong. Keep that button enabled though the selected jig is 'Validated'.

Select Item Description [_____ ▽]

File No. [_____]
Drawing No. [_____]
Issue [_____]

Status:

Weight: **Cord Length:**   **Middle Point:**   **Total Marks:**

Place No.	Color	Gap

Only for FAI	**Validated**	**Archived**	**Delete Archived File**

Date for FAI [_____]
Date validated [_____]
Validation Due [_____ ▽]
Date Archived [_____]
Comments [_____]

(**Preview Marks**)

Save

Option buttons:

When an option button is clicked, only jigs with relevant status should come to the drop down just below them.
E.g: If Option button for 'Pending Validation' is clicked only the jigs have pending validation status should come to the drop down

Drop Down:

When a jig from drop down is selected, its file name, drawing & issue should be appeared on right hand side. Also its weight, cord length, middle point & Total number of marks also appear below the drop down. Also the status of the jig shall be appeared in front of caption 'status'.

- Before selecting a jig from drop down dates & comments inside the blue colored box should be blank.
- When a 'Pending Validation' jig is selected, nothing shown in the blue colored box but 'Date for FAI', 'Date validated', 'validation due' & 'Comments' text boxes should be active.
- When a 'Only for FAI' jig is selected 'Date for FAI' should be appeared in the particular text box in the blue colored box. 'Date validated', 'Validation due' & 'Date Archived' text boxes should be active but blank.
- If a 'validated' jig was selected from the drop down, its validated & validation due dates should be appeared in the blue colored box with comments if any. 'Date for FAI' & 'Date Archived' text boxes should be active but blank.

- If a 'Validation due' jig was selected from the drop down, its validated & validation due dates should be appeared in the blue colored box with comments if any. 'Date for FAI' & 'Date Archived' text boxes should be active but blank.
- If a 'Archived' jig is selected, the date it was archived should be appeared in the blue color box with comments if any. Other text boxes, 'Only for FAI', 'Validated' & 'Archived' buttons should also be inactive.

Preview Marks:
Clicking this QA should have ability to get a preview of the jig.

Only for FAI/ Validated/ Re-validated/ Archive buttons
These buttons are used to change the status of jigs in all status except 'Work'

Only for FAI
Status will be change as 'Only for FAI'. Production should able to run the machine if status is 'Only for FAI'.
When clicked this, 'Date for FAI' should be changed as today.

Validated
If the FAI passed, QA use this button to validate the jig for mass production. Once click this button status will be change as 'Validated' & 'Today' should appear on 'Date Validated' text box.
Validation due date should be manually selected from a calendar.
'Date for FAI' & 'Date Archived' should be blanked.
Production should able to run the machine if status is 'Validated'.

Archived
If a file is no longer used or, validation failed or corrupted, they must be moved to archive location clicking 'Archive' button. Status of the file will be changed as 'Archived' & 'Today' should appear on 'Date Archived' text box.
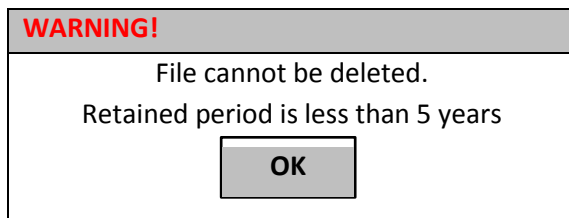'Date for FAI' & 'Date Validated' & 'Validation Due' should be blanked.
Production should not be able to run the machine if status is 'Archived'

Delete Archived File
To delete Archived files.
File can be deleted only if 'Today – Date Archived > 5years'. If it is less than 5 years following warning message should appear.

WARNING!
File cannot be deleted.
Retained period is less than 5 years
OK

Save
To save changed data (status) to the database.

Close
To close the window

Window Name: QA Results

Purpose: production to check status of individual jig

Access Rights; All

Status:
ALL
WORK
PENDING VALIDATION
ONLY FOR FAI
VALIDATED
VALIDATION DUE
ARCHIVED

Validation Status Report							X

Item description [▽]   Status [▽]   File No. [▽]

☐ Validated Date   ☐ Validation Due date

From [▽]   To [▽]   From [▽]   To [▽]

View

File No.	Item Description	Drawing No.	Issue	Validated Date	Validation Due Date	Status	Comments

Print Preview

Check boxes should be activated if the status above is 'Validated' or 'Validation Due'

Order List

> When 'Only for FAIs' option button is selected ONLY the jigs with 'ONLY FOR FAI' status should be appeared here.

When QA click 'Only for FAI' those files can be fed to the machine through below form.

Order List		X

Status

　○ Work　　　　　● Only for FAIs　　　　　○ Validated　　　　　○ Archived

			File No.	_____
Select Item Description	_____ ▽		Drawing No.	_____
			Issue	_____
Number of turns	_____			

[**ADD**]　[**REMOVE**]

File No.	Item Description	Drawing No.	Issue	Status	No of Turns	CMAV

[**Clear Temporary Data**]　[**Save**]

Option buttons:

When an option button is clicked, only jigs with relevant status should come to the drop down just below them.
E.g: If Option button for 'Only for FAI' is clicked only the jigs have 'Only for FAI' status should come to the drop down.

Access controls
- ‒ *'Work', 'Only for FAI' & 'Validated': Production should have rights to operate the machine*
- ‒ *Archived': QA only has rights to operate the machine*

Other controls:
If the status is 'Work', 'Only for FAI' or 'Archived' number of turns should be pre-defined value of 1. It cannot be changed.