Routing Sequence Tool

Technosoft Engineering
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Purpose : To generate sequence report and calculate pro time and arrange WC process codes.

Functions:

- ➔ The tool will fetch part numbers and WC process codes from input report.
- ➔ The tool will arrange WC process code in sequence and display in grid.
- ➔ User can add and update processes using tool.
- ➔ The tool has pro time calculator which helps user to add pro time manually.
- ➔ User can improvise process code logic in input excel to get desire results in tool.
- ➔ User can modify existing properties values from tool.
- ➔ User can approve and generate sequence report category wise.

Constraint:

- ➔ Tool is unable to calculate pro time or process if properties are empty in input report.
- ➔ At present tool is process WC based on basic logics which is added in "*Routing_Sequence_Report*". User can modify or add logics in excel template stored on below path:
  V:\Admin\BEC Automation Tool\BEC_DataBase\Excels\Routing_Sequence_Report.xlsx

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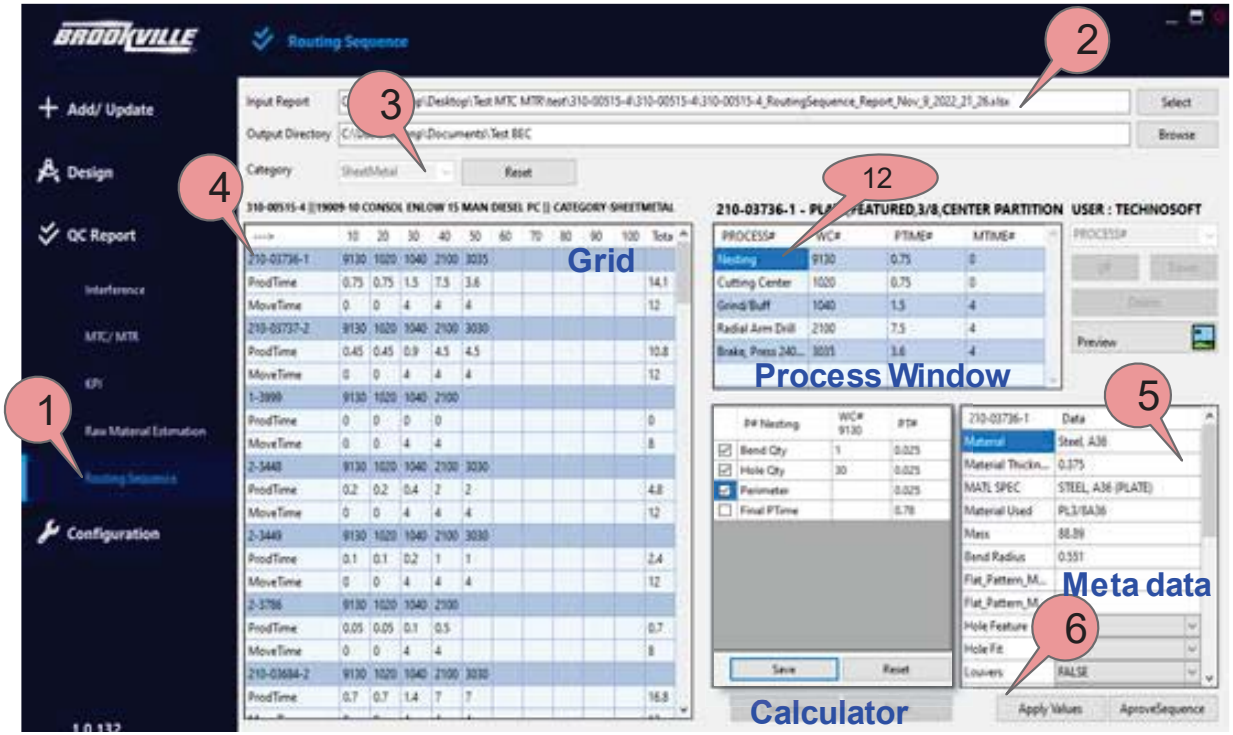
User Interface Guide:

1. To begin, initiate the tool by going to the QC Report tab and selecting "Routing Sequence."
2. Next, pick the input routing sequence report that you generated through the review and check tool.
3. Now, from the dropdown menu, choose a category and hit the "get data" button.
4. After this step, the report will be shown in the grid. If you want to access the properties of a specific part number, simply click on it.
5. Take a look at the properties grid located in the bottom right panel and make any necessary updates.
6. To proceed to the next steps, click on "Apply Values", and you'll receive the updated sequence.
7. You have the option to select a new process from the dropdown list, and it will be added in the top right panel (12).



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User Interface Guide:

8. If needed, you can move processes up or down and delete them using the provided buttons.
9. To preview a selected model, just click the preview button, and a preview window will open separately.
10. You also have the option to open the preview part by using the "open Solid Edge" button.
11. To calculate the processing time, click on the appropriate process.
12. Upon clicking the process, a process calculator window will activate. Here, you can update selected parameters and add values to calculate the processing time.
13. Click "Calculate" to obtain the final processing time.
14. Clicking "Save" will update the final processing time.
15. Once you've finalized the part sequence, you can apply the sequence to the report by clicking "Apply Sequence".
16. After making all the required updates, click "Approve Sequence" to generate the sequence report.