Critical manufacturing
an ASM PT company

Tutorial: Reprocess Limits

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Tutorial: Reprocess Limits

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Estimated time to read: 2 minutes

Objective

Learn how to configure and validate reprocess limits to control how many times a material can be reprocessed at a specific step.

Step 1: Define the Scenario

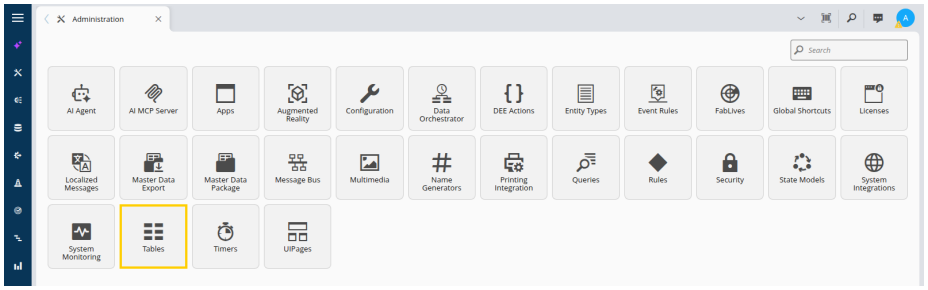
In this example:

- Product: **SMT_Product**
- Step: **SMT_SPI**
- Requirement:
  - Material can only be processed once
  - Reprocessing is not allowed

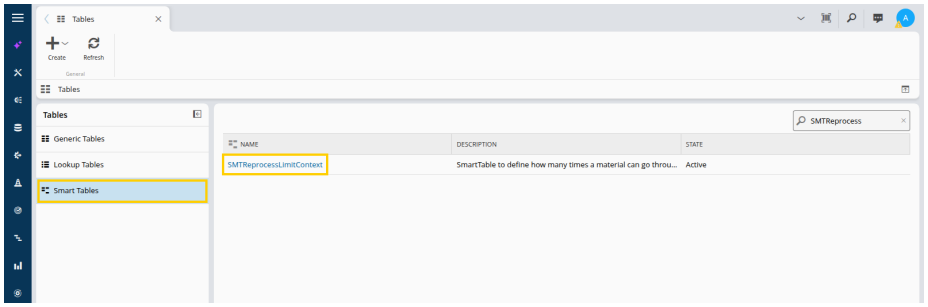


Step 2: Access Smart Table Configuration

- Navigate to **Administration**

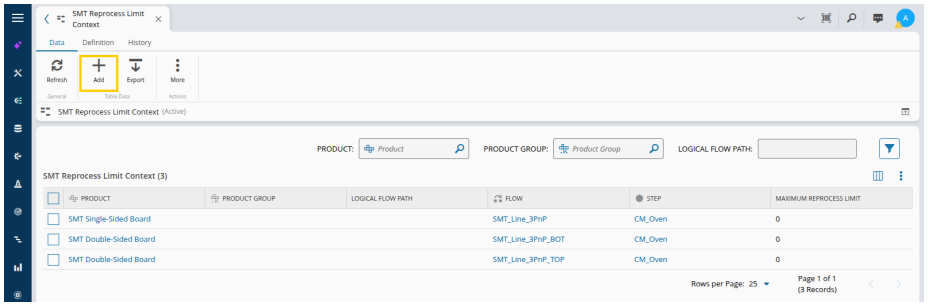


- Open **Smart Tables** and select:
  - `SMTReprocessLimitContext`

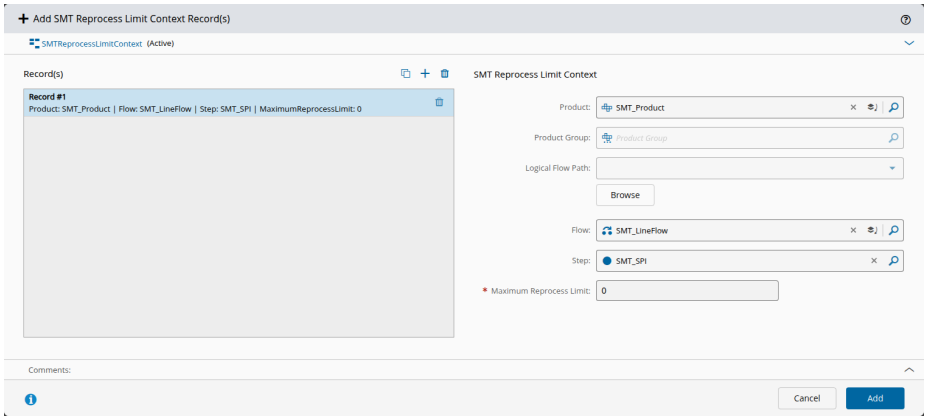


Step 3: Create Reprocess Limit Rule

- Add a new entry



- Configure the following fields:
  - **Product** = applicable product
  - **Flow** = applicable flow
  - **Step** = applicable step
  - **Maximum Reprocess Limit** = 0

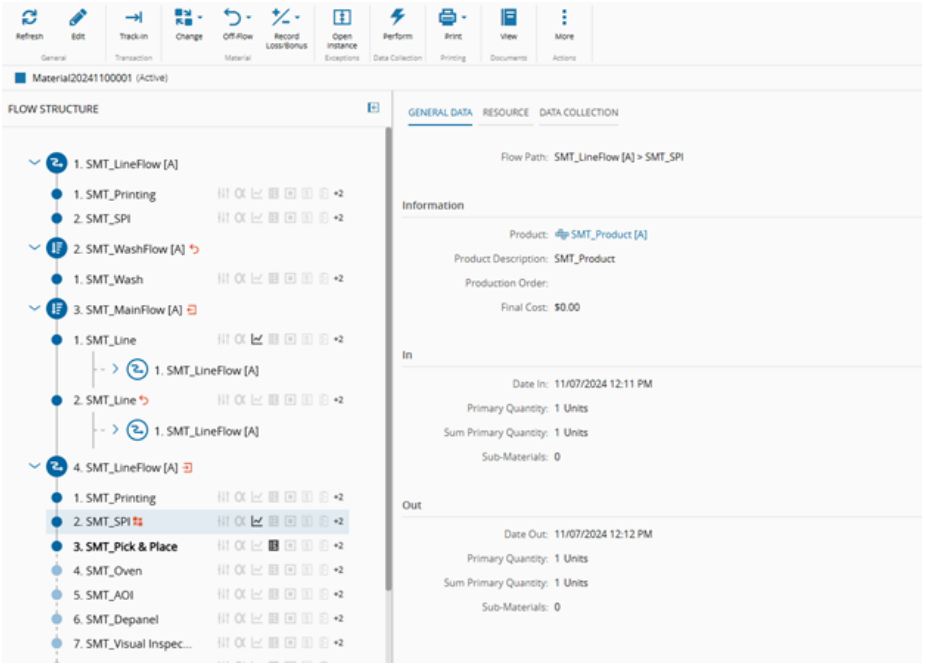


Step 4: Understand the Configuration

- The limit applies only to **reprocessing**, not the initial processing
- Setting:
  - **Maximum Reprocess Limit = 0**
- Means:
  - First processing: allowed
  - Any subsequent reprocessing: blocked

Step 5: Execute Initial Processing

- Process a material at the configured step (SMT_SPI)



Step 6: Attempt Reprocessing

- Attempt to process the same material again at SMT_SPI



Expected Result

- The system blocks the operation
- An exception is raised
- The material cannot proceed at that step

Frequent Configuration Questions

Why is reprocessing still allowed?

Verify the following:

- The configured reprocessing limit value is correct.
- The correct Product and Step combination is configured.

Why is the reprocessing rule not being applied?

Check that the Smart Table configuration is correctly defined and active for the relevant process.

Why am I seeing unexpected behavior with reprocessing control?

Confirm that the material is actually being reprocessed and is not undergoing its first pass through the configured step.

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