Synergi Plant Training

Thickness and corrosion management

Work Package

Two types of work package

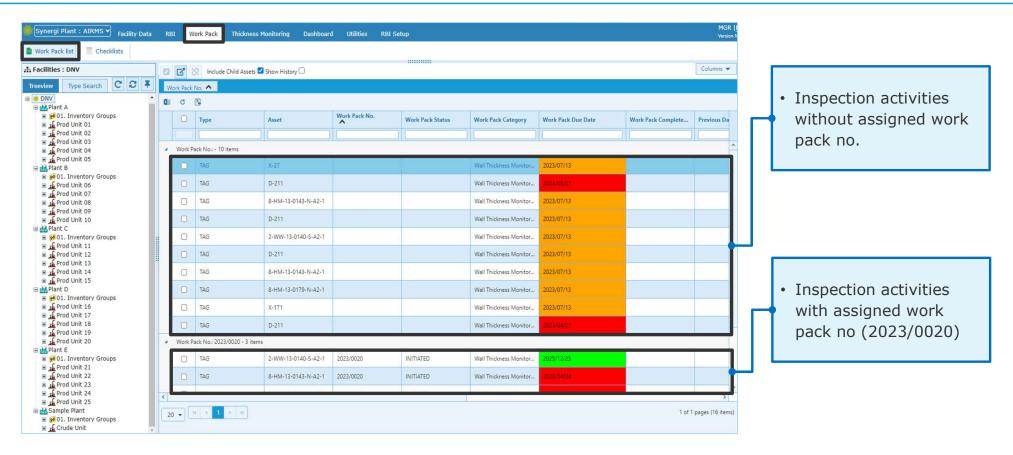
> Inspection associated work package

For managing monitor data, e.g. wall thickness loading, with linked to inspections. User perform work pack no creation and grouping of inspections.

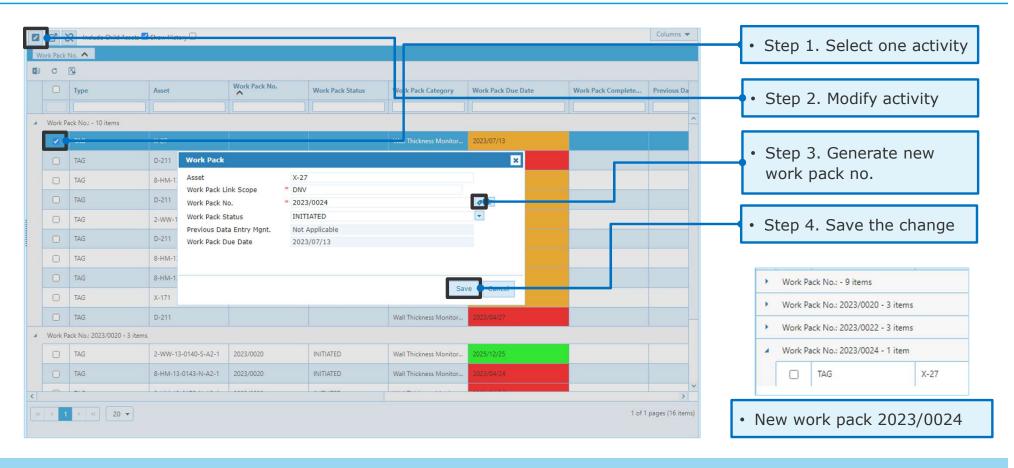
> Ad hoc work package

For managing monitor data, e.g. wall thickness loading, without or not linked to inspections User input ad hoc work pack no directory when generating measurement loading sheets

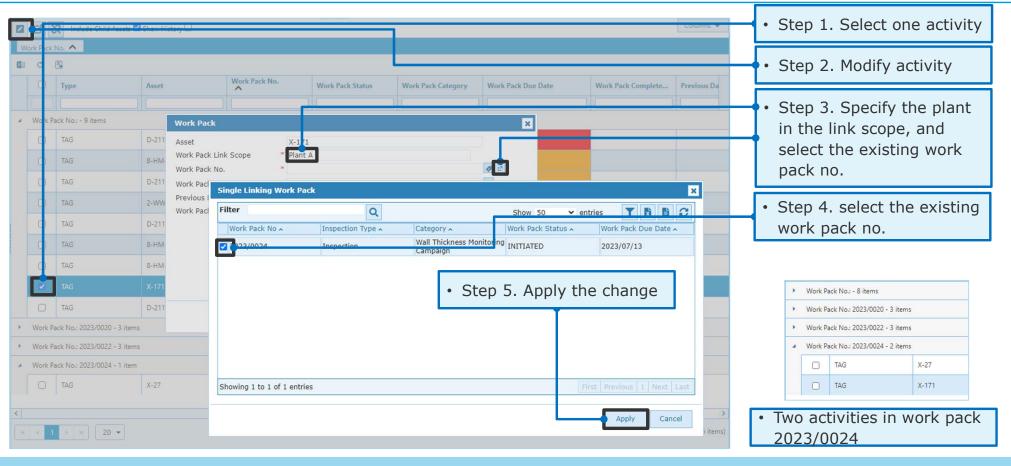
Inspections and Work Packages



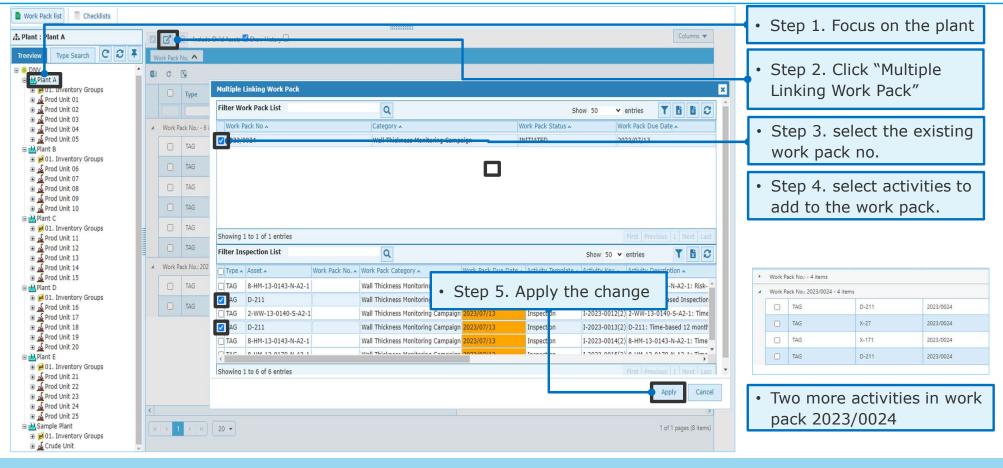
Assign Work Pack No. – For the First Inspection Activity



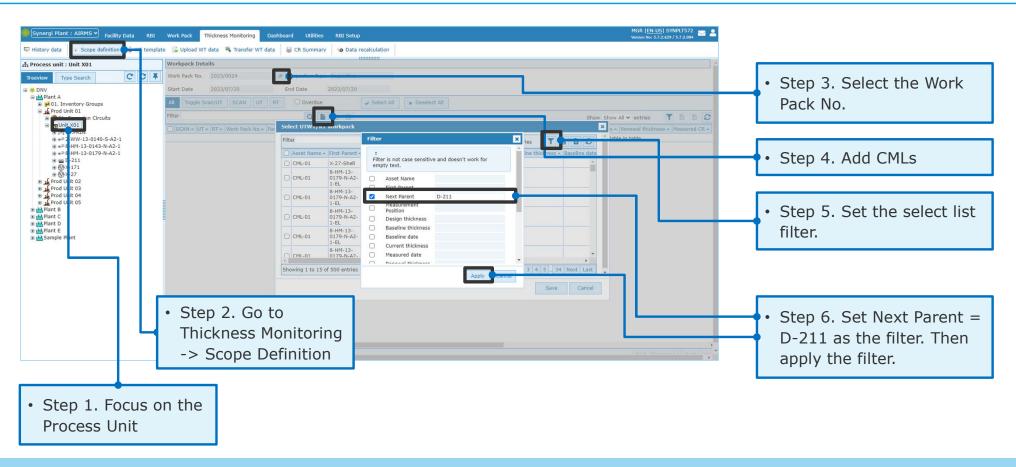
Assign Work Pack No. – For Another Inspection Activity



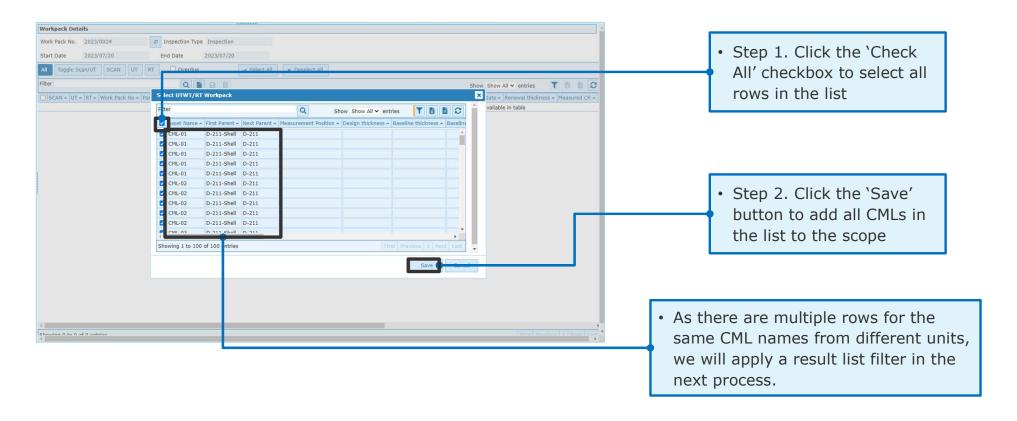
Assign Work Pack No. – Linking Multiple Activities



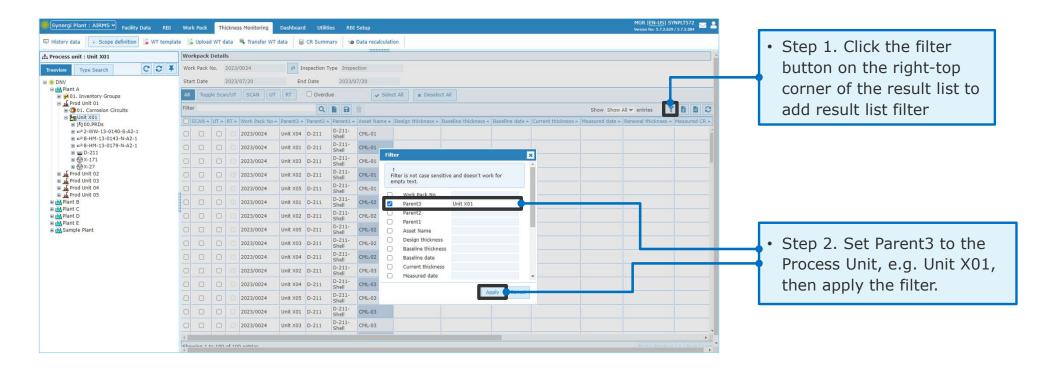
Using Work Pack in Thickness Loading – Scope Definition (1)



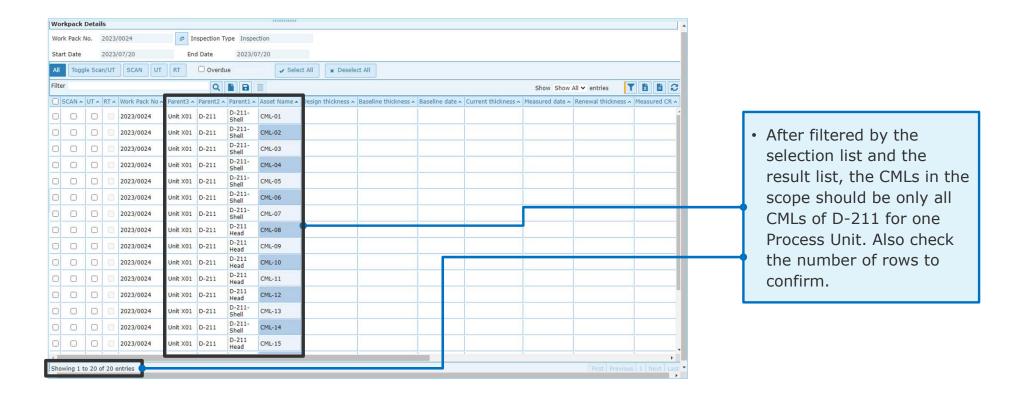
Using Work Pack in Thickness Loading – Scope Definition (2)



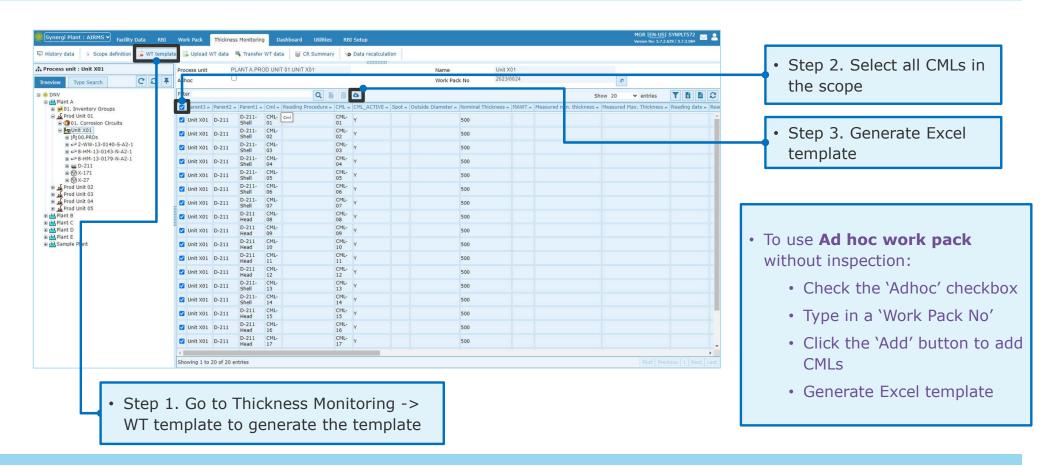
Using Work Pack in Thickness Loading – Scope Definition (3)



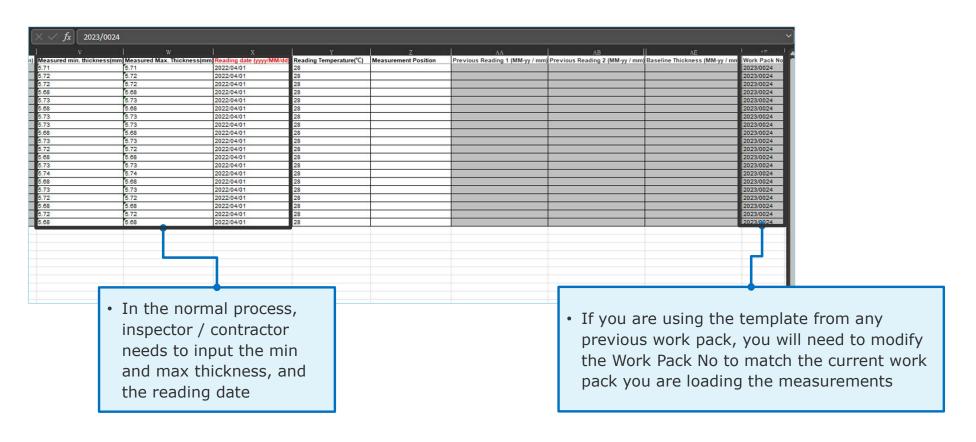
Using Work Pack in Thickness Loading – Scope Definition (4)



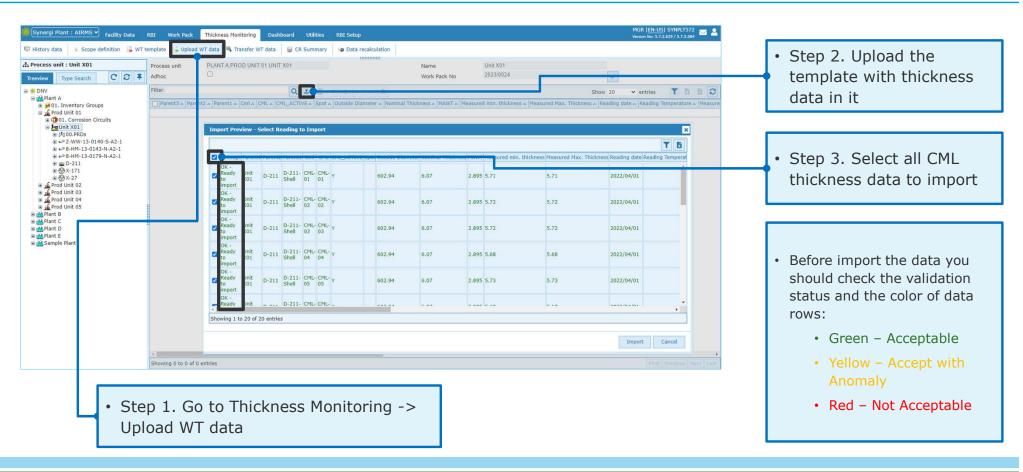
Using Work Pack in Thickness Loading – Generate Template



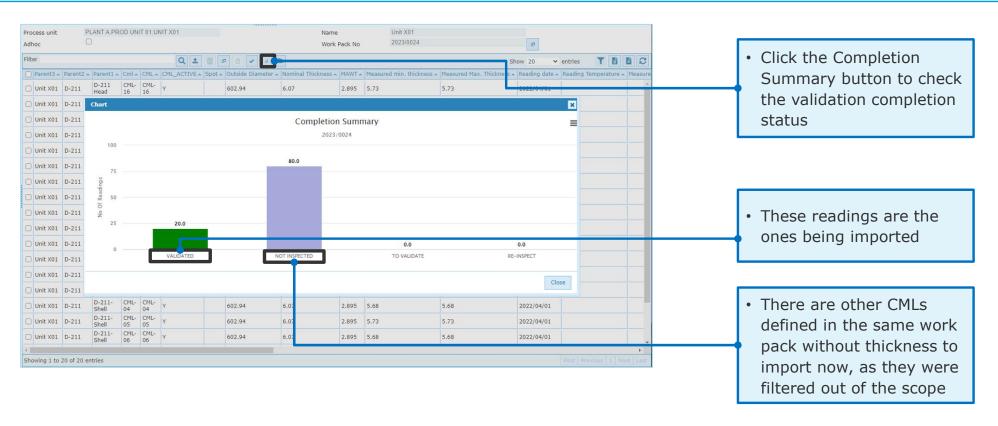
Input Thickness, Date, and Check the Work Pack No.



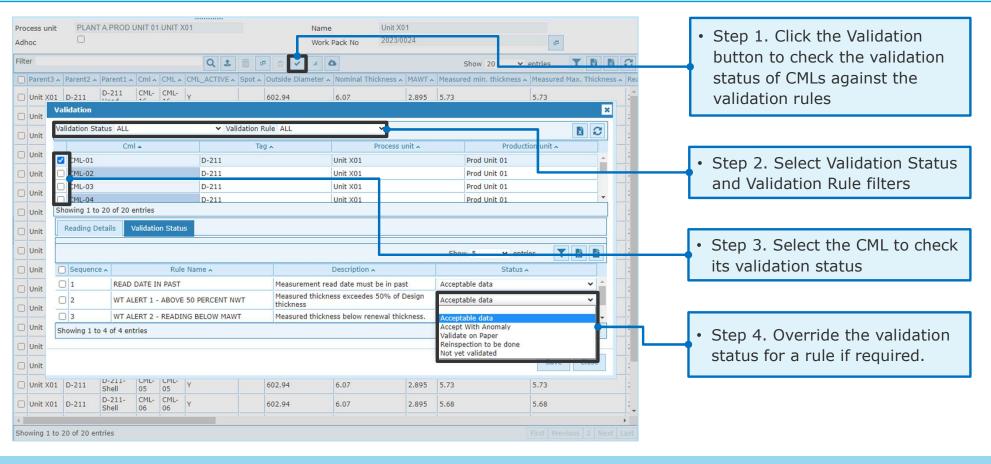
Using Work Pack in Thickness Loading – Upload WT Data (1)



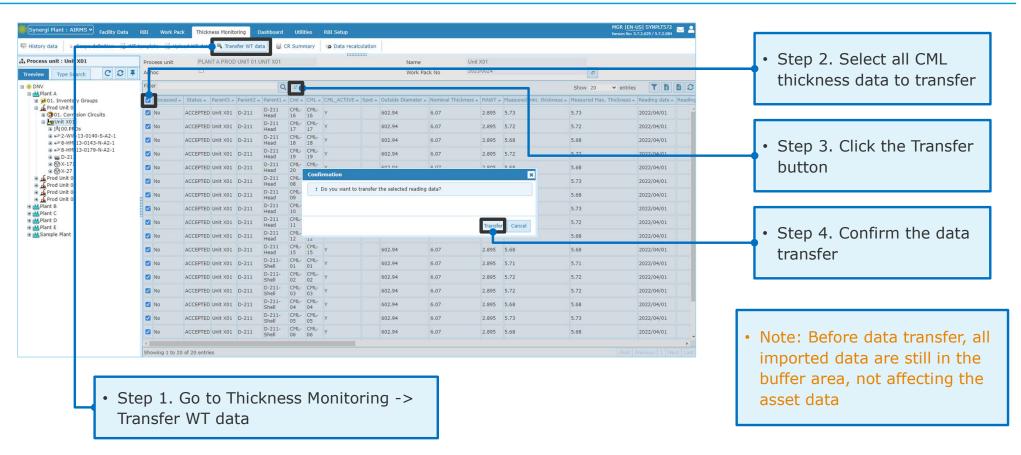
Using Work Pack in Thickness Loading – Upload WT Data (2)



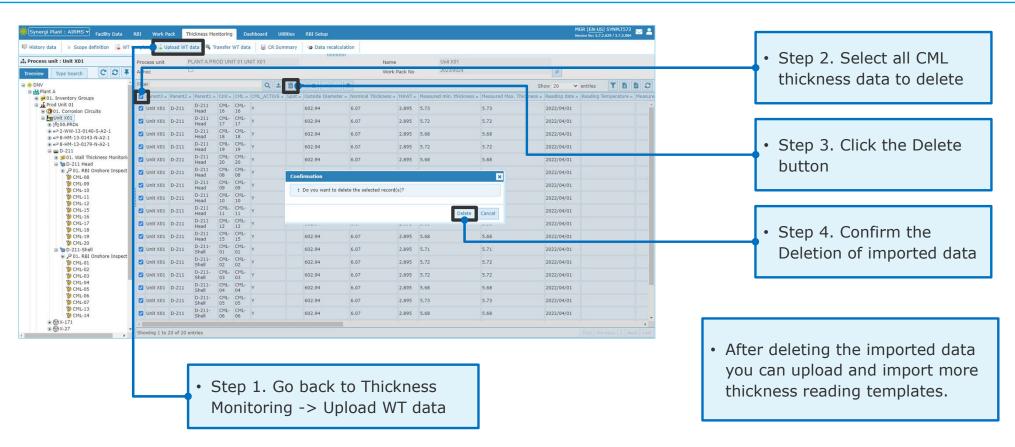
Using Work Pack in Thickness Loading – Upload WT Data (3)



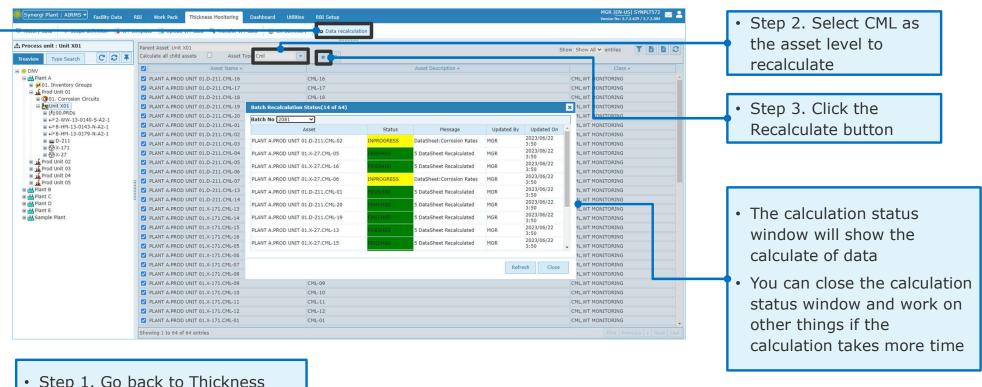
Using Work Pack in Thickness Loading - Transfer Data



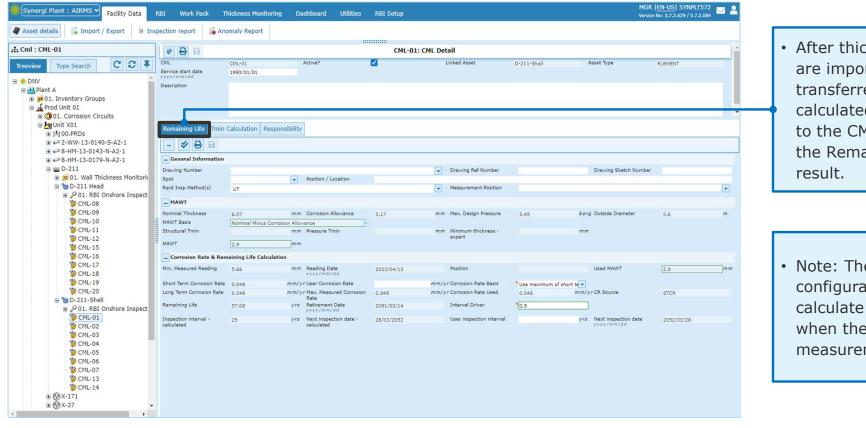
Using Work Pack in Thickness Loading – Load 2nd Readings



Using Work Pack in Thickness Loading – Data Re-calculation



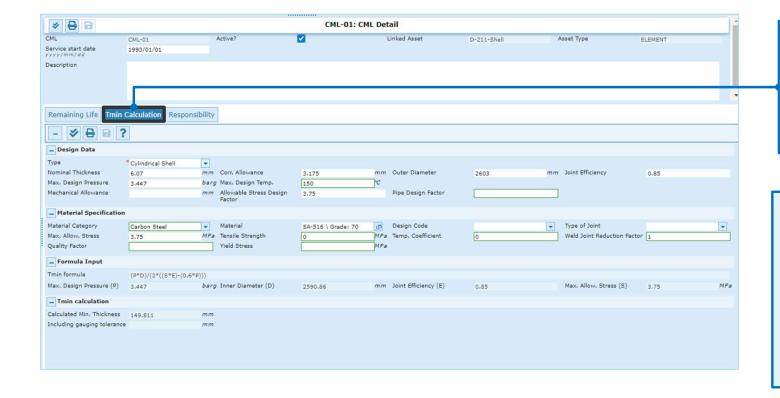
CML Remaining Life Calculation



 After thickness data are imported, transferred, and recalculated, you can go to the CML and check the Remaining Life result.

 Note: The current configuration will only calculate the result when there are 2 measurements loaded

CML T-min Calculation



- There is a configurable Tmin Calculation engine to calculate the Tmin based on various formula
- For MAWT, there are different options:
 - Nominal CA
 - Structure Tmin
 - Pressure Tmin
 - Min of Structure and Pressure Tmin

Synergi Plant Training

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