Flowchart

1. Unit Assembly
2. Chassis Assembly ← BOM ADD M/L/VE
3. Battery Pack Assembly ← BOM Battery Pack
4. Controllers Assembly and Picking ← MyADDVOLT / BOM Controllers
5. Dieltric Test ← ADDAM
   - Passed?
     - No → NC Warehouse (ERP)
     - Yes → Validation Process
6. Validation Process ← ADDAM
   - It's Validated?
     - No → NC Warehouse (ERP)
     - Yes → Finishing
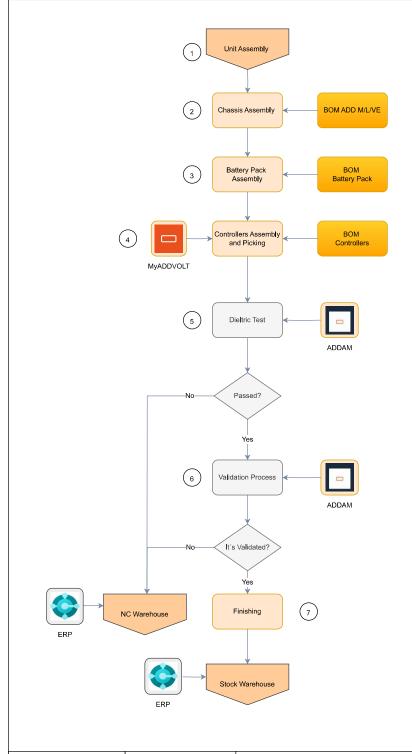7. Finishing → Stock Warehouse (ERP)

Descriptions

1. Unit Assembly (*Production*)

Unit assembly with all the periferical according with Unit BOM.

2. Chassis Assembly (*Operators*)

Assembly all structural parts of the unit "step by step" according with the specific Assembly Manual: L3_W01 - Chassis_ChassisKit

3. Battery Pack Assembly (*Operators*)

Assembly the battery pack into the chassis "step by step" acording with the specific Assembly Manual: L3_W02 - BatPack

4. Controllers Assembly and Picking (*Operators*)

Assembly the controllers into the chassis and permorfing the picking for each one in MYADDVOLT "step by step" according with the specific Assembly Manual: L3_W03 - Controllers_Picking

5. Dieletric Test (*Qualified Operator*)

Perform the Dieletric test according to the ADDAM software instructions.

If occurs a NOK on the Dieletric test, the unit should be adressed to the NC Warehouse for further evaluation and action.

If the validation is OK, a report should be emitted and the unit adressed to the validation process.

6. Validation Process (*Qualified Operator*)

After the assembly a bunch of validation tests must be preformed according with the instruction of Addam software.

If occurs a NOK on the validation process, tthe unit should be adressed to the NC Warehouse for further evaluation and action.

If the validation is OK, a report should be emitted and the unit adressed to the finishing step.

7. Finishing (*Operator*)

After the validation process, close the unit frame and do a last visual inspection and BOM inspection picking, before sending the unit to the stock warehouse.

Creation Date: 02/09/2024	Revision Date: 09/10/2024	Macro Process: 08 - Operations Process: 08 1 - Production Procedure: P 08 1 40 - Unit Assembly	Creator: C.Santos	Approver: M.Sousa