Operations

Purpose

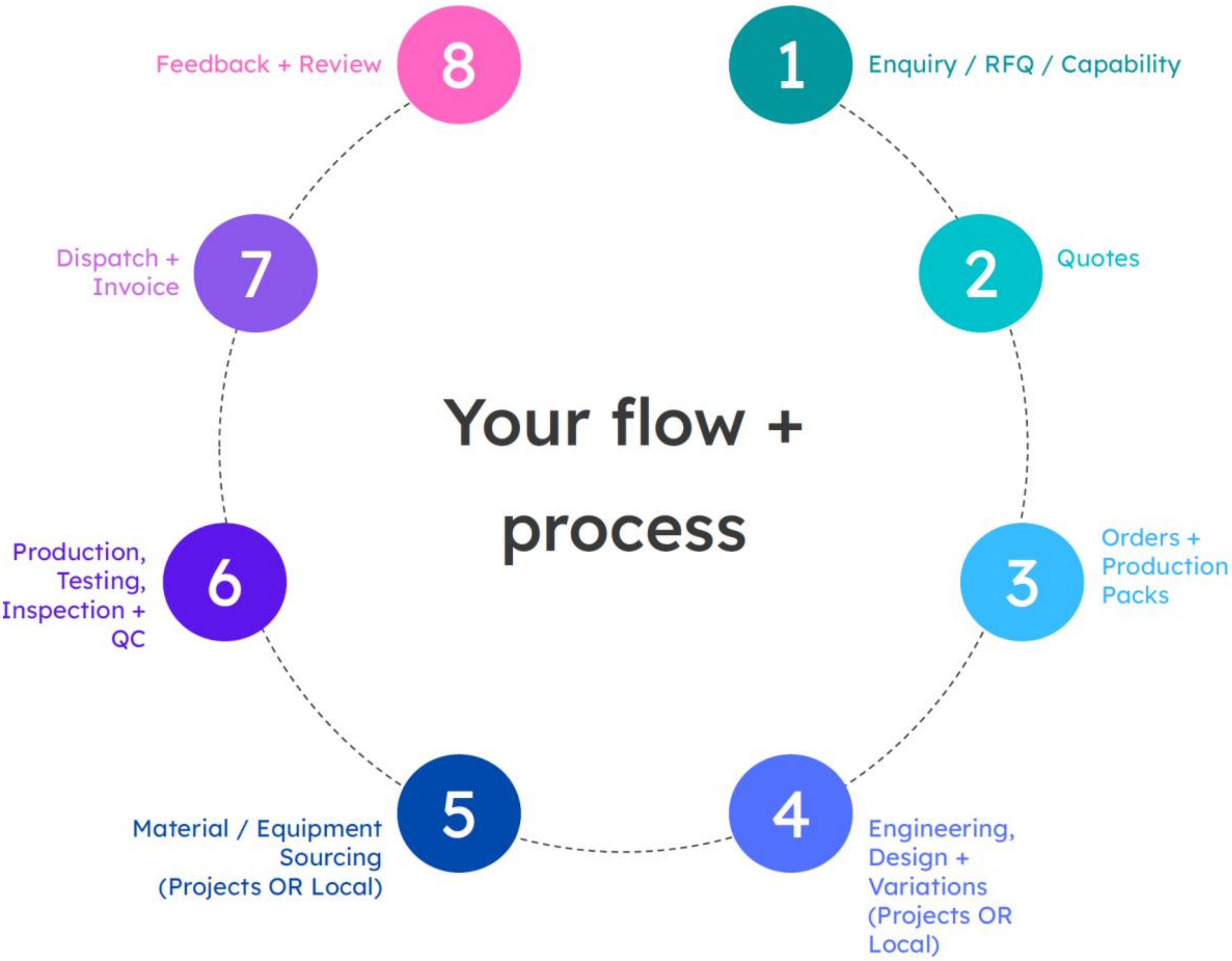
To plan, monitor and control processes which directly affect product quality.

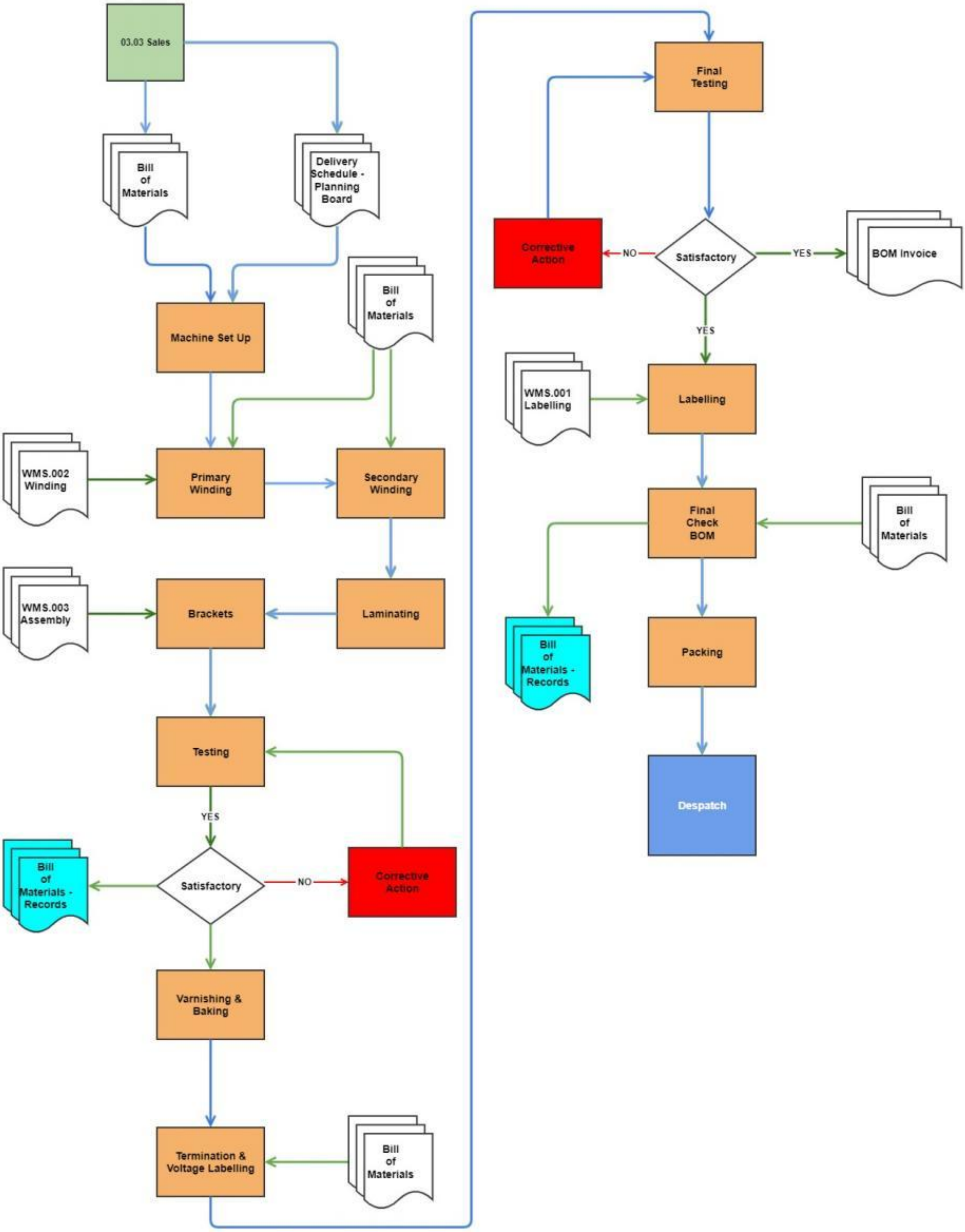
Service Delivery

Service Delivery is managed in accordance with the following flow chart:

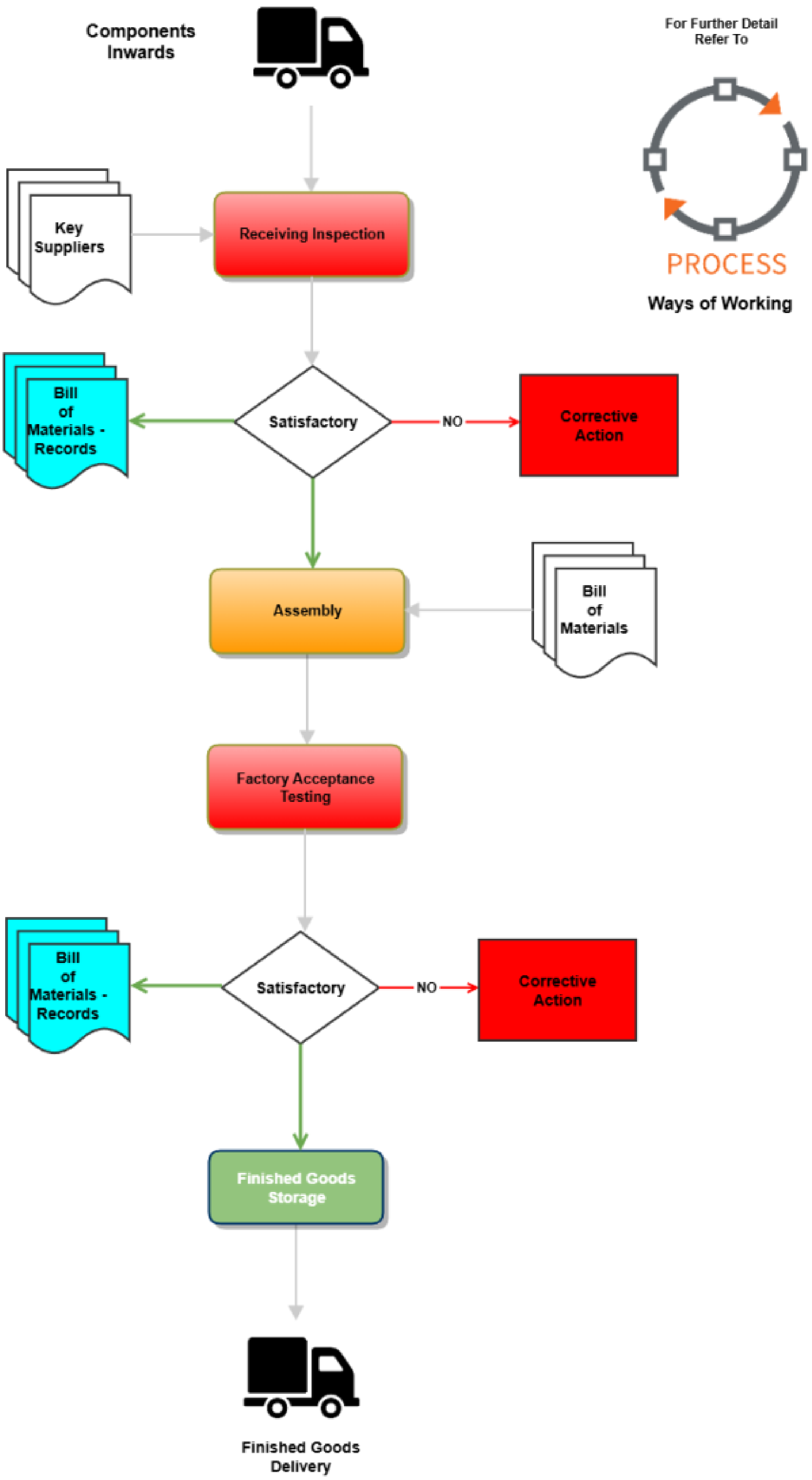
Grant Transformers

In House



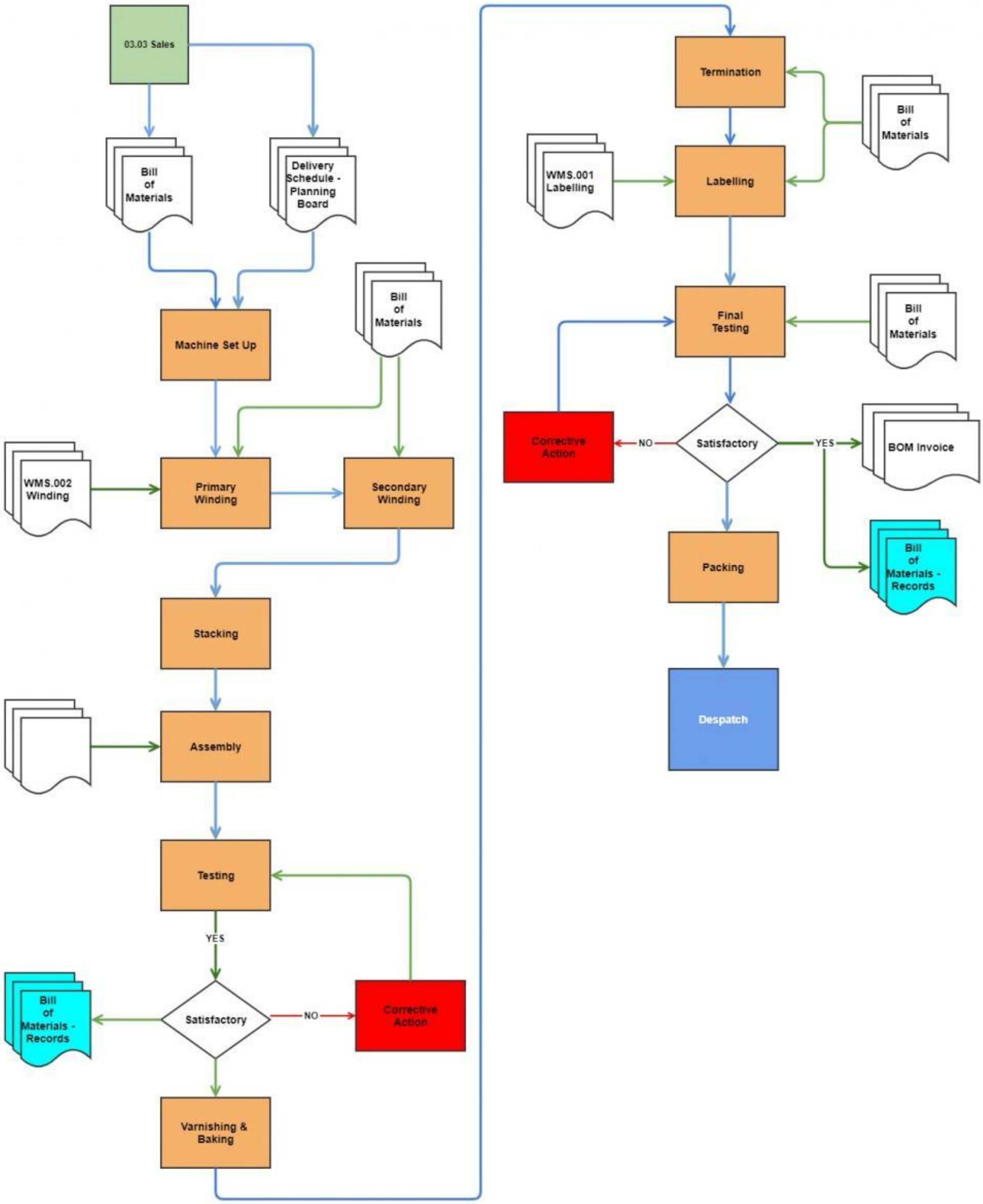

03.03 Sales
Bill of Materials
Delivery Schedule - Planning Board
Machine Set Up
Bill of Materials
WMS.002 Winding
Primary Winding
Secondary Winding
WMS.003 Assembly
Brackets
Laminating
Testing
YES
Bill of Materials - Records
Satisfactory
NO
Corrective Action
Varnishing & Baking
Termination & Voltage Labelling
Bill of Materials
Final Testing
Corrective Action
NO
Satisfactory
YES
BOM Invoice
YES
WMS.001 Labelling
Labelling
Final Check BOM
Bill of Materials
Bill of Materials - Records
Packing
Despatch

Projects



Components Inwards
For Further Detail Refer To
PROCESS
Ways of Working
Key Suppliers
Receiving Inspection
Bill of Materials - Records
Satisfactory
NO
Corrective Action
Assembly
Bill of Materials
Factory Acceptance Testing
Bill of Materials - Records
Satisfactory
NO
Corrective Action
Finished Goods Storage
Finished Goods Delivery

Star Delta



Throughout each of the processes, all non-conformances raised are treated as described in the Procedure **Corrective Action & Continual Improvement**

Quality Management

Quality Planning	Quality Assurance	Quality Control	Quality Improvement
Quality Policy	Quality Management Plan	Operational Procedures	Corrective Action
Customer Expectations - Sales	Operational Control	Work Method Statements	Lessons Learned
	Work Method Statements	Final Inspection	Management Review

Materials Management

1. Raw material batch/bin/bobbin numbers are recorded the process control sheets (production pack).
2. Unless otherwise specified, raw materials are used on a first in/first out basis.
3. Project specific components, and subsequent finished goods, are identified by order/project number and serial number for finished goods.
4. Packing requirements are specified in the Production Pack.
5. Waste/scrap material is isolated in the areas designated by green lines on the floor.

In Process Testing

Calibrated test equipment is used during in process testing. Test Equipment is externally calibrated, with Calibration Records available. In the event that test equipment is identified as out of calibration, identified equipment will be removed from service for correction or replacement. Product inspected using faulty equipment will be deemed as non-conforming and managed accordingly.

Non-Conforming Product

Non-conforming product is identified using Reject tags.

Non-conforming product is segregated from normal product in designated holding areas, identified by red lines on the floor.

Equipment Maintenance

Equipment maintenance is conducted against the Maintenance Schedule.

Customer Supplied Product

Where necessary, repairs/additional work on customer owned transformers is conducted. In this case, these products are differentiated by:

- Appearance
- Serial Numbers

Job information is managed using MYOB generated BOM documents as per normal practices.

Associated Documents

Work Method Statements

- WMS.001 Transformer Labelling
- WMS.002 Winding
- WMS.003 Assembly
- WMS 004 Testing

Records

- BOM - MYOB
- Production Records
- Calibration Records
- Reject Records

Final Inspection Sign-Off - Star Delta

For high value and/or high-risk industries a final inspection is conducted independently by two authorised persons, as follows:

Inspection Criteria:

Inspection Release Certificate (IRC)

Authorised persons:

- Rohan Borrell
- Bill Song
- Jaideep Reddy

High value customers:

- Tortech
- BAE
- AMP Control
- Aero Military
- Others as designated

High risk industries:

- Railway
- Infrastructure
- Mining
- Defence
- Health
- Marine
- Aviation

The paperwork for these industries is assigned a special colour to highlight the importance.

References

Grant Transformers Process Flows:

1. Production, Inspection & Testing
2. Dispatch & Invoice