UNITILE
RAISED ACCESS FLOOR SYSTEMS

QUALITY

Procedures to quality testing

UNITILE
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INCOMING INSPECTION PROCEDURE

Incoming Inspection, also commonly referred to as a receiving inspection, validates the quality of purchased raw materials, parts or components based on set acceptance criteria. Quality assurance personnel perform the inspection in the manufacturing facility to resolve quality issues during pre-production.



1

Inspect all incoming material as per the standard and specification received from suppliers with appropriate testing equipment.

2

Quality check to be conducted.

3

Share feedback to respective department.

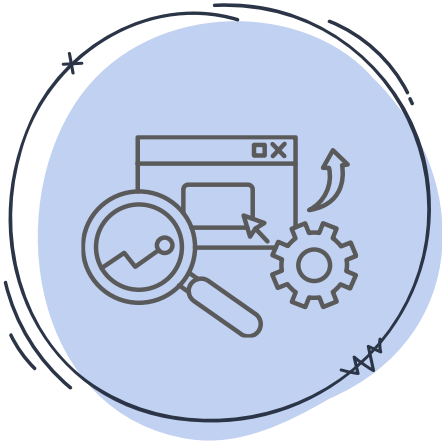
4

After quality inspection, samples to be provided to the production department for practical trials.

5

Prepare the final quality inspection report as per the inspection results.

INCOMING INSPECTION IDENTIFICATION TAGGING SYSTEMS



Raw Materials

ACCEPTED

Place in stock forward to next operation

CONDITIONALLY ACCEPTED

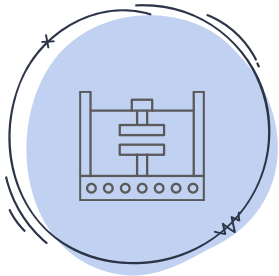
Specify condition sign agreement with QA

REJECTED

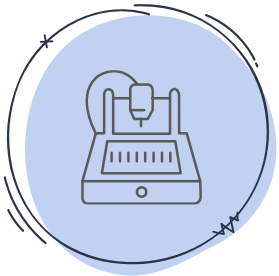
Issue non conformance report send back

Make the card background full colorful

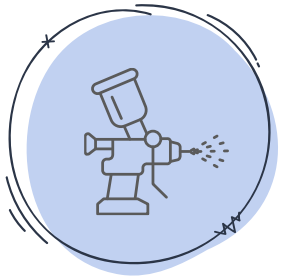
IN PROCESS INSPECTION



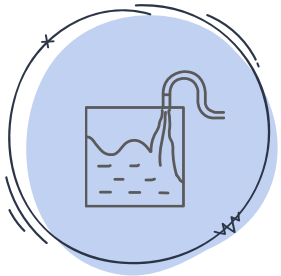
PRESS SHOP



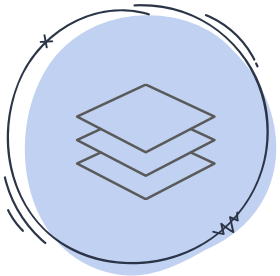
PRETREATMENT



POWDER COATING



CEMENT FILLING



LAMINATION



PRESS SHOP

While the press shop is running, inspect 3- 4 random panels to check the parameters of product (Size, thickness, cup height, beam height etc.)

Inspection should ensure

- There are no scratches and dents on the panels
- There is no waviness, twist, wrinkles and spot marks on top of the panels
- Flatness of the panels should be as per the standards
- Strength of the welding should be as per the standards
- Cutting, trimming, punching and forming should be as per the standards without any defects



PRETREATMENT

Panels should be free from oil and rust, with no patches while treatment.



POWDER COATING

- Thickness of the film (coating) should be as per the requirement.
- Coating should be uniform without any defects like over or poor coating, proper temperature and speed should be maintained for proper curing.
- Proper tests to be conducted to check adhesion of powder coating like scratch test, conical test, impact test, pensile test etc.
- The appearance of the panels should be clean with a shine.



CEMENT FILLING

- To ensure the panels are filled completely
- The density of the mixture (cement /fly ash) should be as per the standards
- Ensure the panels are clean



LAMINATION

- Adequate bonding strength between panels and laminate/vitrified/PVC
- No bubbles and waviness on top of the finished panels
- No peeling of laminate/vitrified/PVC
- In case of edge beed panels, the beeding should fixed properly, with no gap between beeding and laminate, also applicable in case of integral trim panels
- No cracks on the body of the finished panel

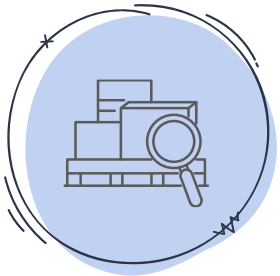


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PRE-DISPATCH INSPECTION (PDI)

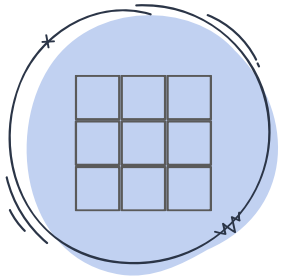
A pre dispatch inspection (PDI) is a regular inspection comprising a detailed inspection of finished goods before shipment.



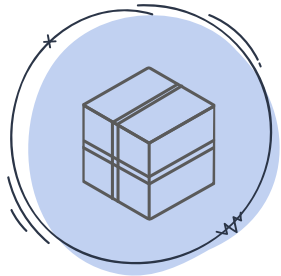
Materials inspection before loading in the vehicle



Materials to be dispatched should be ensured as per requirement



Each lot of the panels should have a mockup before dispatch



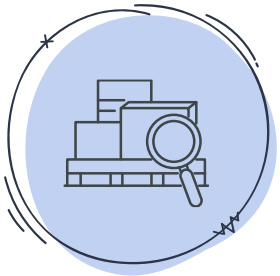
Proper packing of the materials



Final confirmation to be shared ensuring all accessories are as per requirement

OUT DOOR INSPECTION

Out door inspection are done at our supplier factory while production and before sending materials



Check the materials which have already produced and also which is producing



Make Inspection report for the some



Check the raw materials Quality which is bought by vendor



If any case we found any mistake in product or product are not as per given specification and drawing so we reject the whole lot



While Out door inspection of running product if found any problem immediate inform to supplier to rectify the same

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Thank You.