

PRECAST TECH 1

JOB SUMMARY

Responsible for installing various components into a rectangular form. Picks up and takes to set-up area all objects to be used: i.e. rails, bulkheads, buffer, wire mats, rebar, door frames, etc. Responsible for casting and finishing of panels, roofs and floors with the use of hand tools. Requires work with concrete and assembling concrete buildings using precast concrete pieces. Also, responsible for cleaning work area. Assists with additional duties and responsibilities as requested.

DESCRIPTION

1. Lubricates casting machines with oil.
2. Positions casting machines over pallet.
3. Using overhead bin, distributes concrete and cement into panel form.
4. Manually operates screed (straight edge) for leveling concrete.
5. Finishes with hand trowel around the doors and edges.
6. Installs control joint and weld plates.
7. Sprays panel with glucose retardant.
8. Covers panel with plastic.
9. If faux brick is used, uses stencil and coloring for specifications.
10. Operates carousel with control panel to move pallets.
11. Cleans pallets and forms by removing bulkheads and rails. Buffs bed using an air powered industrial floor buffer. Also, buffs beds by using a straight hoe, hand grinder and pencil grinder.
12. With the assistance of other employees, squares form by positioning and adjusting rails and bulkheads according to blueprints.
13. Installs PVCs, foam and rebar. Glues down applicable components using glue.
14. Installs block caps where needed on rails. Covers any holes, openings, or seams on form with tape, etc.
15. Installs precut rebar mat.
16. Applies grease to bulkheads to keep concrete off. Uses tape, glue and grease.
17. Checks finished product for defects. Pallets are waste high, must climb onto form and bend over to check form. Verifies measurements per print.
18. Delivers cut rebar components to precast area from metal fabrication area.
19. Prefabricates materials essential to do various processes on carousel line.
20. Strips forms on casting beds.
21. Attach proper rigging to concrete.
22. Once concrete is pulled, remove block outs and clean edges.
23. Bolt pieces together and torque as required.
24. Install other components as needed.

REQUIREMENTS

1. Must be able to read blueprints and tape measure.
2. Ability to communicate effectively both verbal and written.
3. Ability to maintain satisfactory working relationships and interact effectively with all levels of employees.
4. Ability to maintain confidentiality of trade secrets.
5. Ability to read, assimilate and comprehend information.

6. Physical ability to lift or exert force up to 50 lbs.
7. Must possess high school diploma or GED.
8. Must pass drug screen and criminal background check.
9. Wear personal protective equipment such as eyewear, earplugs, gloves, steel-toed boots, etc.
10. Ability to lift to 50 lbs.
11. Requires bending, stooping and crouching.