CFSC QC WALL PANEL 1.0

Dedicated to Building Quality Panels
What is CFSC QC Wall Panel?

- The CFSC QC Wall Panel program is a voluntary, in house program developed by CFSC to help manufacturers monitor the quality of wall panels they manufacture.
Goals of CFSC QC Wall Panel Program

Main goal of Program:

“To implement an in-plant quality management program for wall panel manufacturers.”

Additional goals:

- Objective tool to evaluate quality plant-wide.
- Voluntary use and/or certification.
- Show your plant is proactive with quality.
How Does It Work?

1. Inspecting wall panels.
2. Recording the information on paper inspection forms.
How Does It Work?

3. Entering the data into the database program to store inspection data.
4. Creating reports from the database to evaluate the quality of the manufacturing process.
The inspection frequency depends on the production volume at the plant. The inspection frequency is 3 wall panels per 1000 lineal feet of production / per line / per shift / per week.

Example: A plant’s typical production is 4000 total lineal feet each week. 4000 total lineal feet / 1000 = 4 x 3 = 12 required inspections each week.
Wall panel manufacturers will focus on seven main areas:

- Dimensions
- Studs and Tracks
- Headers
- Window and Door Openings
- Placement
- Fastening
- Sheathing
Inspection Process Flow:

- Check length and height
- Check square of wall
- Check studs and tracks: type and materials
- Check quality of steel
- Check header length, height, and depth
- Check header and window and door opening materials
- Check rough opening, sill plate heights, and window cripples
- Check stud placement and orientation, top and bottom plates
- Check bracing and blocking
- Check fasteners, fastener pattern, spacing, and tightness
- Checking sheathing placement and offset
- Check sheathing fastener pattern, spacing, and embedment
- Check sheathing materials and fasteners
- Check for house wrap

[green items only exteriors]
Performing Inspections +
Building A Quality Focused Environment +
Focus On Training +
Equipment Checks =

Improvement In Quality In Terms Of Product And Process
Bottom Line for Plant

- Better product at the jobsite
- Reduced or zero callbacks and repairs
- Opportunity to build strong relationships with customers
- Ability to set your plant apart from others
- Possibility to reduce insurance premiums
- QC reports give management a tool to evaluate quality level over time or by crew
- QC inspector/inspections help pinpoint/facilitate training needs
- Tool to increase plant morale/pride/ownership among employees
How Can You Get Going?

- Visit the CFSC website, download free inspection forms…

cfsc.sbcindustry.com/qcwall.php
How Else Can You Get Going?

- Consider purchasing the CFSC QC Wall Panel database program.
  - $300 for the program, $150 for additional copies or for multiple plants within the same company.
- Work towards certification with CFSC.
- Remember CFSC is a resource to help you.
Steps To Certification

- CFSC QC Wall Panel offers a voluntary certification.
- There are 5 major steps to certification.
  1. Be a member of CFSC.
  2. Purchase CFSC QC Wall Panel.
  3. Carefully read the manual and have your inspector meet with a wall designer on how to read the drawing.
  4. Perform inspections at the required weekly inspection frequency and enter the data for one month.
  5. Send data file to CFSC for review.

Note: CFSC will require a minimum of two monthly data reviews before a plant can be certified.
It will take your plant a minimum of 2 months after receiving the program to get certified if they are diligent.

Costs include: purchasing the QC program and the annual certification fee for CFSC to review your data and make program updates.

<table>
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<tr>
<th>Length of Certification</th>
<th>Annual Fee</th>
<th>Quarterly Fee</th>
<th>Monthly Fee</th>
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<td>Year 4 and beyond</td>
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Certification Timeline Example

- XYZ Components purchased CFSC QC Wall Panel program 8/1/2008
- Reviewed manual and practiced inspections until 9/1/2008
- Data sent and reviewed by CFSC 10/1/2008
- Data sent for 2nd review 11/1/2008
- XYZ Components was certified on 11/2/2008

Additional comments:
- 22.5% and 17.6% out of conformance inspections in the 2 monthly reviews prior to certification.
- Once certified your plant must send data at each quarter based on the calendar year.
Any Questions?

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