

WELDTEST SERVICES

Certification, Inspection, & Training

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Welding Inspection For:

Caltech Testing, Inc.

3309 FL-247

Lake City FL 32024

Project:

United States Cold Storage

23-297

Location:

211 NE McCloskey Ave

Lake City, FL

Date: 11/20/23

Report No.: 233-23

Type of Inspection:

Visual Inspection (VT) of welded joints per AWS D1.1-2020 Structural Welding Code - Steel, Clause 8, Table 8.1 and Drawings supplied by Stellar Construction.

Welding Inspection performed by Chris Utman, AWS CWI # 13072881.

Date(s) of Inspection: 10/20/23, 10/23/23, 10/26/23, 11/2/23, 11/9/23, 11/15/23 and 11/20/23. See Inspection Report #205-23, #210-23, #213-23, #216-23 and #230-23 for previous evaluation.

Inspection Evaluation:

Welded components inspected included columns, girders, joists, and decking. Welding was performed by R&D Erectors using the SMAW process with E7018 electrodes. Welding certifications were submitted and were found to be acceptable.

Follow up inspection of previously noted deficiencies was performed on 11/20/23. The High Roof and Low Roof were completed and found to be acceptable. Perimeter wind beam connections were tightened as well. Note: Threads of the Sag Rods have not been "marred" as required as of 11/20/23 inspection.

Note: The slip connection at location 23/K5 at the roof level is welded. Detail 5/E301B requires this connection to allow for movement by tack welding the nuts to the bolts inside slotted connections. An RFI will be required to determine if the welded connection is acceptable or if repair is necessary. This RFI has not yet been submitted. Nuts are not tack welded to the bolts in the other locations of the building where slotted connections are required.

Remaining Deficiencies:

- Tighten column base plate anchors. These are loose in several locations
- Weld plate washers at braced frame locations along Line 23
- Completion of TC bolts at braced frame connections
- Weld girder stabilizer plates at braced frames
- Mar threads on Sag Rods per Detail 2/E301A
- RFI for welded connection opposed to slotted connection at 23/K5

Photos:



Low roof completed



Angle kickers in process



Missing pins and side lap fasteners completed at the roof level





Plate washers not welded along Line 23



TC bolt splines not severed at braced frame connections



Completed perimeter wind beams along Line 23



Loose bolts at column base plates

I certify that the above inspection report is true and accurate.

Chris Utman

Chris Utman AWS CWI # 13072881