

IRONWRIGHT INSPECTION SERVICES

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INSPECTION REPORT IR-2025-0388

Date of report: July 14, 2025

Client: Larkspur Construction Group, LLC

Project: Cedar Quay Medical Pavilion, Site B

Subject: Shipment 3, structural steel supplied by Tallowmere Steel Supply, Inc.

Inspector: Sunita Bhatt, Level III

Summary

Shipment 3 contained 80 tons in 41 pieces. Visual inspection on June 30, 2025 and ultrasonic testing on July 8 and 9, 2025 were carried out at the Site B laydown area.

Fourteen (14) pieces stamped with heat lot 44821 do not conform to the Agreement. The other 27 pieces conform.

Findings, heat lot 44821

Finding 1. Camber and sweep exceed the AISC tolerance. Measured camber on 9 of the 14 pieces is between 1.6 and 2.3 times the allowed value.

Finding 2. Ultrasonic testing found laminar discontinuities in the web of 11 of the 14 pieces. The indications exceed the acceptance limit for ASTM A435 Level B.

Finding 3. The mill test certificate delivered with Shipment 3 lists heat lot 44812. The stamp on the steel reads 44821. The certificate therefore cannot be matched to the material.

Recommendation

Do not erect heat lot 44821. Quarantine the pieces and request the supplier's own ultrasonic records for the lot. The remaining 27 pieces may be used.

Report prepared by Ironwright Inspection Services for Larkspur Construction Group. This is a fictional report created for the Discovery Triage sample case.