

September 8, 2026

Michael Walker, CEO
STAX Engineering, Inc.
215 West Figueroa Street
Santa Barbara, California 90802
m.walker@staxengineering.com

Dear Michael Walker:

California Air Resources Board (CARB) has reviewed STAX Engineering's (STAX) test plan and design change request for the Xcraft-1 system (STAXbox 1-1 and STAXbox 1-2) and all verified duplicate systems.

The Xcraft-1 system, and its duplicates verified by CARB, are currently approved under Executive Orders (EOs) G-25-200-001, G-23-294-004, and G-24-054-004 for tanker, container, and ro-ro vessels as a CARB Approved Emissions Control Strategy (CAECS) for compliance with the Control Measure for Ocean-Going Vessels At Berth (Cal. Code Regs., tit. 17, § 93130 et seq.) (2020 At Berth Regulation).

On June 19, 2026, STAX submitted two test plans and design change requests to modify the continuous emissions monitoring system (CEMS) used in the Xcraft-1 system and all verified duplicates. The modifications are intended to improve data monitoring, storage, and retrieval in the CEMS.

CARB staff reviewed the test plans, provided comments on July 2, 2026, and August 8, 2026, and received revised versions on July 16, 2026, and August 8, 2026.

Approval and Conditions

CARB approves the revised test plans submitted on August 8, 2026 (Approved Test Plans), under the requirements of the 2020 At Berth Regulation and CARB's Recommended Emissions Testing Guidelines for Ocean-Going Vessels.

This approval is based on the system description, design, and procedures described in the Approved Test Plans. No changes to the Xcraft-1 system (STAXbox 1-1 and STAXbox 1-2), or any verified duplicate system, are allowed without prior CARB approval.

To receive EO approval for the CEMS modifications, STAX must:

- Complete all testing outlined in the Approved Test Plans.
- Submit all test reports to CARB.

Any deviation from the Approved Test Plans without prior CARB approval may result in the application for the proposed amendment to a CAECS being deemed incomplete or disapproved by CARB's Executive Officer. Examples of deviations include:

- Testing on vessel visits not included in the Approved Test Plans.
- Operating any system outside the approved system configuration.

CARB may request results from any additional testing beyond what is described in the Approved Test Plans.

If you have any questions, please contact shorepower@arb.ca.gov.

Sincerely,

A handwritten signature in black ink, appearing to read "Tracy Haynes", with a long horizontal flourish extending to the right.

Tracy Haynes, Chief, Freight Activity Branch, Transportation and Toxics Division

Attachments: STAX Data acquisition design change test plan (August-26) Final Final.PDF
STAX Emissions Monitoring Design Change test plan (August-26) Final Final.PDF