

July 14, 2022

Rod Gravley
Chief Technical Officer
Clean Air Engineering - Maritime, Inc.
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Dear Rod Gravley:

The California Air Resources Board's (CARB) At Berth Regulation (Regulation) provides that applications for innovative concepts must contain, at a minimum, the specific information detailed under section 93130.17. The application your organization submitted on December 1, 2021, did not contain the minimum information identified by the Regulation and is therefore incomplete. Specifically, the following information was not included in the application as required in sections 93130.17 (a) and 93130.17 (b)(1)(A)-(I):

- 93130.17 (a)(2) – A discussion regarding how the proposed innovative concept reduces oxides of nitrogen (NO_x), fine particulate matter that is 2.5 micrometers or less in diameter (PM 2.5), and reactive organic gas (ROG) emissions equivalent to or greater than the level that would have been achieved by the Control Measure, while not increasing greenhouse gases (GHG).
- 93130.17 (a)(5) – A discussion regarding how the proposed innovative concept does not increase emissions at other ports or marine terminals.
- 93130.17 (a)(6) – A discussion regarding how the proposed innovative concept provides reductions that are in excess of business as usual in accordance with section 93130.17 (a)(6) and a discussion regarding how the proposed innovative concept provides reductions that are real, quantifiable, verifiable, and enforceable in accordance with sections 93130.17 (a)(6) (A) through (D).
- 93130.17 (a)(9) – A discussion regarding how visits made under the innovative concept will not be used for vessel incident events (VIE), terminal incident events (TIE), or the remediation fund.
- 93130.17 (a)(10) – A discussion regarding how reductions made during the proposed innovative concept compliance period will be used in the calendar year in which they are achieved or the following calendar year.
- 93130.17 (a)(11) – A discussion regarding the possibility for early reductions under the innovative concept.
- 93130.17 (a)(12) – A demonstration that the innovative concept is not funded with a public incentive program.
- 93130.17 (a)(13) – An explanation of how the applicant will maintain records including information regarding, but not limited to, fuel usage, routes, port calls, maintenance

procedures, and emissions test results in a manner which complies with section 93130.17 (a)(13).

- 93130.17 (a)(14) – A statement of understanding that vessel operators and terminal operators intending to use the innovative concept shall comply with the provisions of this section, including the emission limits in sections 93130.7 and 93130.9 of this Control Measure prior to such approval.
- 93130.17 (a)(15) – A timeline showing how the innovative concept will be implementable within the timeframe needed to be used for compliance with this Control Measure, including any time needed for environmental review (if applicable).
- 93130.17 (b)(1)(B) – A description of proposal including an overview of the source and scope of emission reductions, and a project site plan and location map.
- 93130.17 (b)(1)(C) – An estimate of the vessel emissions planned to be covered under the innovative concept for each pollutant NO_x, PM 2.5, and ROG by multiplying the emission factor for a pollutant found in section 93130.5(d) of this Control Measure by the expected number of vessel visits, average visit duration, and expected power used during an average visit.

Incomplete applications must be corrected and re-submitted in complete form before they can be fully evaluated by CARB staff. This letter identifies the sections that were missing or incomplete. While your application may contain information for the sections not listed above, this does not mean that the application contains all the required information for those sections, or that Innovative Concept satisfies all the criteria set forth in those sections. CARB staff strongly recommends that the applicant review all the required sections to ensure that the required information as indicated by sections 93130.17 (a) and 93130.17 (b)(1)(A)-(I) are provided. The public docket for this application opened on May 18, 2022, and was open for public comments through July 5, 2022. Applicants will have until August 19, 2022, to respond to all public comments and submit a complete application for CARB review following section 93130.17 (b)(1)(A)-(I). For more information, please visit CARB's [At Berth Regulation Innovative Concept Applications](#) website and [Ocean-Going Vessels At Berth Regulation](#) website.

For any questions regarding the innovative concept applications and public process, or if you would like to discuss your application, please contact Jeff Jacobs, Air Resources Engineer, Marine Strategies Section, at Jeff.Jacobs@arb.ca.gov.

Sincerely,



Bonnie Soriano, Branch Chief, Freight Activity Branch

cc: Jeff Jacobs, Air Resources Engineer, Marine Strategies Section