

North Atlantic Refining Corporation

# Crude Tank Conversion for LOHC Storage

Thursday, June 19, 2025

## Basis of Estimate Report

CIMA+ Project No. Z0020524



### SUBMITTED BY CIMA CANADA INC.

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Engineering  
for people

Thursday, June 19, 2025

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## Project Basis of Estimate

**Attention:** Mr. Jeff Murphy P.Eng., **VP Capital Projects**

**RE: Crude Tank Conversion for LOHC Storage**

CIMA Canada Inc. (CIMA+) is pleased to provide NARL Logistics LP with our Basis of Estimate for the Crude Tank Conversion for the LOHC Storage Class 4 Estimate project.

Our CIMA+ team recognizes the following key estimate points:

- Material cost information was quoted where possible.
- A peer review has been completed in house.
- A third-party contractor was used to validate the piping section of the estimate.  
contractor.
- A hydrogen transfer line has been included in this version of the report.

At the time of this Issue for review document, we have completed the assigned tasks for the hydrogen transfer line:

- Process modelling for the hydrogen pipeline diameter
- Hydrogen Piping estimate
- Associated Civil / structural estimate

We trust that our submission will provide NARL Logistics LP with a comprehensive overview of our understanding of the required work scope. Please feel free to contact **Carl Robbins** at **709-427-4033**, or at [carl.robbins@cima.ca](mailto:carl.robbins@cima.ca), if you would like to discuss any aspect of the enclosed information.

CIMA Canada Inc.

Verified By:

Carl Robbins, P.Eng.  
Project Manager, Energy and Resources  
cc: Mike Buzzell, CIMA+

Jeff Hynes, P.Eng., PMP  
Partner / Senior Director  
Energy and Resources

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