

Client Project Submission Form

To be submitted to Instructor: Stephen Bruneau, sbruneau@mun.ca, 864-2119

Civil Engineering Design Course ENGI - 8700

Memorial University

Faculty of Engineering and Applied Science

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CLIENT

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(at least one P.Eng)

Proposed Project Title

DESIGN OF CALCIUM NITRATE INJECTION MODULE ON TERRA NOVA FPSO

Description of Project

DESIGN OF TANK & SUPPORT STRUCTURE FOR AN OPERATING VOLUME OF 100m³ OF
40% AQUEOUS CALCIUM NITRATE TOGETHER WITH PUMP SYSTEM LOCATED ON TOPSIDES
MODULE MOY OF FPSO

Requirement of Student Group

- DESIGN TANK SUITABLE FOR PERMANANT USE OFFSHORE WITH AN OPERATING VOLUME OF 100m³
- DESIGN OF SUPPORT STRUCTURE FOR TANK & PUMPS TO FACILITATE OPERATION & MAINTENANCE
- STRUCTURAL DESIGN TO BE AS PER CSA 19904 (19900 SERIES)
- DESIGN OF LIFTING & SEAFASTENING FOR INSTALLATION. PROVIDE CONSTRUCTION SCHEDULE & ESTIMATE.

COMMENTS, CONDITIONS, RESTRICTIONS QUESTIONS
