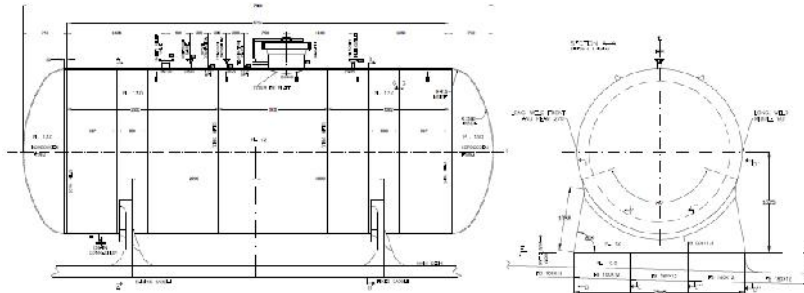


40 M³ BUFFER TANK DESIGN AND FABRICATION

STEP 1 - Situation

STEP was requested to calculate, design and fabricate 1 x 40 m³ Buffer Tank according to DNV Rules.



STEP 2 - Challenges

- Rules requirements and approvals.
- Reduced time frame.
- Procurement team to comply with material delivery on time (12mm and 13mm steel plate P355NL2)



STEP 3 – Action

- Project planning according with purchase order and agreed by all stakeholders.
- Development of calculations and drawings according with customer specifications.
- Approval of calculations and drawings by the classification society.
- Procurement of fabrication materials.
- Fabrication in our workshop in Lisbon.
- Quality control and pressure test.
- Packing and delivery.



STEP 4 – Result

- Class approved.
- Delivered on time.
- High quality product guaranteed.
- Client satisfaction.

