



HIGHLANDER

ENGINEERING SERVICES, PLLC

*Design & Construction
Engineering Solutions*



API 620 STORAGE TANK DESIGN

Preliminary design and fabricator design review of 6000 m³ storage tanks for an industrial facility in a high seismic review.

Preliminary design activities included shell thickness for internal and external pressure and combined operating and seismic loads. Final design activities involved anchorage design including bolt embedment, shear key, base plate, anchor ring and gusset assembly.

Provided engineering review of fabricator thicknesses for design compliance.

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