



ENGINEERING DESIGN REVIEW

Oct 7, 2010

Revision: 1

Fabricator: Paddle Plastics Ltd.
Project No.: 101072
Equipment: 300 gal, 500 gal, & 1000 gal tank frames

The 300 gal, 500 gal, and 1000 gal frames were evaluated according to the provisions of S16 - Limit States Design of Steel Structures and the Alberta Building Code. These designs incorporate a diagonal brace on the 'long' side that goes from the lower beam to the top beam.

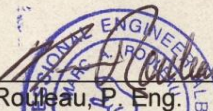
The 300 gal frame is adequate to support 1, 814 kg (4,000 lb) including the weight of the tank.

The 500 gal frame is adequate to support 3,000 kg (6,600 lb) including the weight of the tank.

The 1,000 gal frame is adequate to support 7,571 kg (16691 lb) including the weight of the tank.

If you have any questions, please contact me or Marc Rouleau at 780-542-3096.

Keystone Field Engineering Inc.


Marc Rouleau, P. Eng. *Marc Rouleau* *October 7, 2010*

MR/ts

