

File: **16570-P03-V01**  
Variance No. **VAR-PS79.10**

Identification of document.  
Date of Issue.

**VARIANCE**  
August 24, 2010

Person to whom the variance is issued

Brian Bateman, General Manager  
Focus Industries Inc.

Address of Person(s)

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Authority

**Under the authority of the Safety Codes Act, Chapter S-1 section 38(1).**

Application of variance

**This variance applies throughout the Province of Alberta.**  
**Subject: Tanks used in Hydro Action Wastewater Treatment Plants.**

A variance to sentence 5.2.3.1.(2) of the Alberta Private Sewage Systems Standard of Practice 2009 requiring tanks used for Packaged Treatment Plants to be certified as meeting the structural and material requirements of the CAN/CSA-B66 standard for the "Design, Material, and Manufacturing Requirements for Prefabricated Septic Tanks and Sewage Holding Tanks." Based on design and assessment information provided in support of this variance and confirmation of compliance with 64E-6.013(1)(f) of the Florida Administrative Code regarding soundness and water-tightness, these tanks are considered to provide an equivalent level of safety with regard to structural sufficiency and water-tightness as intended by the Alberta Private Sewage Systems Standard of Practice and CSA B66 Standard.

Details of Variance

This variance applies only to tanks used in Hydro Action Wastewater Treatment Plants distributed in Alberta by Focus Industries Inc. **It does not apply to any other use of these tanks or to the treatment process certified under the NSF 40 standard.**

Hydro Action Model # Label	The Hydro Action Plant includes a pre-treatment tank, treatment plant tank and dosing tank
AP-500	500 US gallon per day (GPD) treatment plant; minimum 500 U.S. gal. pre-treatment tank
AP-600	600 US GPD treatment plant; minimum 500 U.S. gal. pre-treatment tank
AP-750	750 US GPD treatment plant; minimum 500 U.S. gal. pre-treatment tank
AP-1000	1000 US GPD treatment plant; minimum 750 U.S. gal. pre-treatment tank
AP-1500	1500 US GPD treatment plant; minimum 750 U.S. gal. pre-treatment tank
DT-300	300 US gallon capacity dosing tank
PDT-500	500 US gallon capacity pre-treatment or dosing tank
PDT-750	750 US gallon capacity pre-treatment or dosing tank
	Tanks may be separate or bonded together for ease of installation. All tanks are individually marked even when bonded together.

Any design changes to the manufacture of the tanks listed require reapplication for a variance.

This variance does not make or imply any assurance or guarantee with respect to life expectancy, durability or performance of these tanks or treatment plants.

Identification of person issuing the Variance

[Original Signed]  
Alf Durnie  
Private Sewage Administrator/Chief Inspector

SCO Certification No. S000493

Employer of Administrator

Alberta Municipal Affairs  
Public Safety Division, Safety Services, Codes and Standards

Procedure for submission of a variance

A signed copy of the variance is submitted to:  
Safety Codes Council, Suite 1000, 10665 – Jasper Avenue, Edmonton, Alberta T5J 3S9

Advisement of Offence

**Non-Compliance with this variance is an offence under the Safety Codes Act.**