

February 18, 2017

**Attention:** Catherine Diplock  
PRESSURE VESSEL ENGINEERING INC  
120 RANDALL DRIVE SUITE B  
WATERLOO, ON N2V 1C6

**Email:** cmd@pveng.com

The design submission, tracking number 2016-06359, originally received on December 05, 2016 was surveyed and accepted for registration as follows:

**CRN :** 0C17438.2

**Accepted on:** February 18, 2017

**Reg Type:** New Design

**Expiry Date:** February 18, 2027

**Drawing No. :** 10594S-1 As Noted

**Fitting type:** ASSORTED VALVES

Design registered in the name of : MARSHALL EXCELSIOR COMPANY

**The registration is conditional on your compliance with the following notes:**

*ASTM A536 shall meet the chemistry requirements of ASTM A395.*

*As indicated on AB-41 Statutory Declaration form and submitted documentation, the code of construction is ASME B31.3.*

*This registration is valid only for fittings fabricated at the location(s) covered by the QC certificate attached to the accepted AB-41 Statutory Declaration form.*

*This registration is valid only until the indicated expiry date and only if the Manufacturer maintains a valid quality management system approved by an acceptable third-party agency until that date.*

*Should the approval of the quality management system lapse before the expiry date indicated above, this registration shall become void.*

An invoice covering survey and registration fees will be forwarded from our Revenue Accounts.

If you have any question don't hesitate to contact me by phone at (780) 433-0281 ext 3386 or fax (780) 437-7787 or e-mail brandon@absa.ca.

Sincerely,



BRANDON, GREG

## Design Data:

- Design Code: ASME B31.3 2014 Edition
- Design Pressure: 400 psi
- Design Temperature: 200°F (for A536 65-45-12, A581 303)
- Design Temperature: 100°F (for B16 C36000, B283 C37700 and A576 12L14)
- M.D.M.T: -20 °F @ 400 psi
- Corrosion allowance: 0 - for non-corrosive service
- RT: None
- PWHT: None
- Hydrotest: 600psi @ 70°F

## Scope List:

Model & Part No.	Main Body Material	Model & Part No.	Main Body Material
Valves - Forklift		Valves - Flanged	
ME790	ASTM B16 C36000	ME873SXX-16	ASTM A536 65-45-12
ME790L	ASTM B16 C36000	ME873SXX-24	ASTM A536 65-45-12
ME790LSN	ASTM B16 C36000	ME883S-10/XX	ASTM A536 65-45-12
ME790SN	ASTM B16 C36000	ME883S-16/X	ASTM A536 65-45-12
Valves - Breakaways		Valves - Excess Flow	
ME860S-6	12L14 - own spec.	ME880-4/1.8	ASTM B16 C36000
ME860S-8	12L14 - own spec.	ME880-6/X	ASTM B16 C36000
ME860S-10	12L14 - own spec.	ME880-10/X	ASTM B16 C36000
ME861S-6	12L14 - own spec.	ME880-12/95	ASTM B16 C36000
ME861S-8	12L14 - own spec.	ME880-16/X	ASTM B16 C36000
ME861S-10	12L14 - own spec.	ME880S-6/X	12L14 - own spec.
Valves - Toggle		ME880S-10/X	12L14 - own spec.
ME791X	ASTM B283 C37700	ME880S-16/X	12L14 - own spec.
ME791XJ	ASTM B283 C37700	ME880S-24/X	12L14 - own spec.
ME792X	ASTM B283 C37700	ME880SS-6/X	ASTM A581 303
ME792XJ	ASTM B283 C37700	ME880SS-10/X	ASTM A581 303
Valves - Check		ME880SS-16/X	ASTM A581 303
ME870-6	ASTM B16 C36000	ME882S-16X	12L14 - own spec.
ME870-10	ASTM B16 C36000	ME882S-24/X	12L14 - own spec.
ME870-12	ASTM B16 C36000		
ME870-16	ASTM B16 C36000		
ME870S-6	12L14 - own spec.		
ME870S-10	12L14 - own spec.		
ME870S-24	12L14 - own spec.		
ME870SBN-24	12L14 - own spec.		
ME870SS-6	ASTM A581 303		
ME870SS-10	ASTM A581 303		
ME870SXX-16	12L14 - own spec.		
ME872S-16	12L14 - own spec.		
ME872S-24	12L14 - own spec.		
ME872S-24SP	12L14 - own spec.		