

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:** -44 °F @ 400 psi
- **Corrosion allowance:** 0 - for non-corrosive service
- **RT:** None
- **PWHT:** None

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.		

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.		