



“Selection and Installation of External Joint Restraint Devices for Buried Pressure Pipelines”

This course is approved for operator certification renewal

March 27, 2018 – Atholville, NB

COURSE DESCRIPTION:

Topic	Item	Time Per Item
Sign In 8:30 Start 9:00		5 mins
Classroom Lecture	Thrust Force Locations	10 mins
	Methods for Containing Thrust Forces	5 mins
	Guidance From Engineer of Record	10 mins
	Wedge Action Restraints For Ductile Iron	10 mins
	Wedge Action Restraints For PVC	10 mins
	Other Types Of Joint Restraint	5 mins
Break		10 mins
Install Wedge Action Restraint	Demonstrate Correct Installation Method	15 mins
	Attendees To Install In Groups of Two	30 mins
	Review Each Installation	15 mins
Break		10 mins
Install Serrated Bell Harness Restraint	Demonstrate Correct Installation Method	15 mins
	Attendees To Install In Groups of Two	30 mins
	Review Each Installation	15 mins
Break		10 mins
Final Exam	Take Exam	20 mins
	Review Answers	10 mins
Sign Out		5 mins

COURSE PRESENTER:

Presenter: Craig Fisher Star Pipe Products

Craig has been active in the waterworks industry for over two decades. During his career, he has worked as a municipal engineer, a consulting engineer, a design engineer for a large contractor, and as the technical director for a trade association. In these roles, he has authored technical papers, actively participated in standards writing groups, served as a technical reviewer for several texts, and has spoken as a guest lecturer at the university level.

For his work on ASTM International’s Technical Committee on Plastic Piping Systems, Craig was honored with the Special Service Award. Craig is currently serving on the American Society for Civil Engineer’s Task Committee on Thrust Restraint Design for Buried Pipelines.

Craig earned his BS in Civil Engineering and MBA from the University of Texas at Austin. He is a registered professional engineer in the state of Texas.

COURSE LOCATION & TIME:

Alma Hall Community Center
256 Notre Dame Street
8:30 sign in 9:00 start - refreshment breaks provided

CONTACT INFORMATION:

Registration can be made online at mpwwa.ca, faxing or mailing the registration form. For further information, please contact Clara Shea at 902-434-8874.

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Name: _____

Organization: _____

Mailing Address: _____

City, Province: _____ Postal Code: _____

Phone: _____ Fax: _____ Email: _____

MPWWA Member Number: _____

Members \$100.00 plus 15% HST = \$115.00
Non-Members \$125.00 plus 15% HST = \$143.75

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**Cheques should be made payable to:
MPWWA
C/O Clara Shea, Executive Secretary
PO Box 28142 Dartmouth, NS B2W 6E2
Phone 902-434-8874 Fax 902-434-8859**