

## Fundamental Course of 3X Engineering Composite Repair



### Overview:

Fundamental course of 3X Engineering Composite Repair is a 2 days course that focus on theory and quality control. This training course consists of a combination of classroom theories and live demo by trainer. Attendees will have a chance to see how to perform surface preparation prior to wrapping, wrapping on straight pipe, elbow & tee joint as well as emergency & temporary reinforcement solution. At the end of the course, attendees are required to sit for a written assessment. Certificate of achievement will be awarded to individuals who meet the eligibility criteria.

### Learning Objectives:

1. Understand principles, concept & code of practice (ASME PCC 2 & ISO 24817) of pipe wrapping.
2. Learn about inspection & quality control criteria.
3. Understand surface preparation requirement and method.
4. Basic understanding of performing wrapping on straight pipes, elbow and tee joint
5. Basic understanding of performing emergency and temporary reinforcement repair.

Topics	Course Outline	Day
Relevant standards ASME PCC 2 & ISO 24817	Contents of the standards – Qualification, Design, Installation & Inspection	Day 1
	Defect types covered by the Standards	
	Basic understanding of design repair	
3X Composite Repair	3X composite repair product training – R4D, TANKit & REINFORCEKit Patch	
	Interpretation of 3X-REA design calculation sheet	
	Surface preparation – Requirement & method	
	Installation procedures & technique	
Live Demo by Instructor	Inspection & quality control	Day 2
	Safety review & practices	
	Surface preparation demo by using MBX Bristle Blaster	
	Straight pipe wrapping demo	
	Elbow wrapping demo	
	Tee joint wrapping demo	
TANKit® and REINFORCEKit® Application demo		

Course Fee: **RM 3,300** (includes training materials, training tools, lunch & tea break)

## Training Course Registration Form

### SIGN UP NOW!!!

For more details, contact Ong W.S. at 03-8068 3220 or email at [ongws@in-situgroup.com](mailto:ongws@in-situgroup.com).

No.	Name of Participant:	Designation:
1		
2		
3		
4		
5		
6		
7		
8		

Company Name:			
Address:			
Postal:		Office No.:	
Contact Person:		Fax/ e-mail	
Cheque Number/PO Number:		Amount:	
Signature		Date:	

#### Registration and payment

Registration form may be emailed to [ongws@in-situgroup.com](mailto:ongws@in-situgroup.com). Registration is confirmed upon acceptance of payment. All cheque should be crossed "A/C Payee only" and made payable to "In-Situ Maintenance Services Sdn. Bhd".

Banker: HSBC Bank Malaysia Bhd – Bandar Puchong Jaya Branch (A/C No: 353-300205-725)

Bank Swift Code: HBMBMYKL

#### Refund and Replacement

Refund of fees will only be considered if a written request is received at least 7 days before commencement of the session.

Replacement will be accepted at no additional cost.

#### Cancellation

In-Situ Maintenance Services Sdn. Bhd reserves the right to cancel or reschedule the course due to unforeseen circumstances and participants will be notified.

#### Remarks:

This training is only for 3X Engineering pipe wrapping products and applications, In-Situ reserve the right to accept or reject any participant at the company's own discretion.

#### Location:

##### In-Situ Maintenance Services Sdn Bhd

No 3G, Jalan Kenari 12, Bandar Puchong Jaya 47100 Puchong

03.8068.3220 (P) 03.8068.3550 (F)

[ongws@in-situgroup.com](mailto:ongws@in-situgroup.com)