

Concrete Field Testing Technician Training Session

Who should attend:

This is a training program aimed at preparing participants with limited concrete testing experience for the ACI Grade I Field Testing Certification. Those attending both the Training Session and the ACI Grade I Field Testing Certification must complete both sign-up sheets and remit proper payment for each.

LOCATION:	City	Missoula, MT	
	Place	University of Montana COT, West Campus, 3939 S. Ave. West, Room 11	
DATE:	July 16: 12:00- 4:00 P.M. Class	Office	
	July 16: 4:00- 7:00 P.M. Lab	Shop	
COST:	<input type="checkbox"/>	\$150.00	Training Session
check box:	<input type="checkbox"/>	\$50.00	ACI Workbook *

* It is not necessary to purchase the ACI workbook for this training session if you are registered for the ACI Grade I Field Testing Certification



Advance Payment Required.
This course is limited to 20 participants.



Training Session Topics:

A one day session that focuses on quality concrete fundamental as follows:

Classroom Session

1. Concrete Mix Constituents and Typical Proportions
2. Aggregates
3. Portland Cement Manufacture and Properties/ Chemistry
4. Water-Cement Ratio and Strength/ Durability Issues
5. Entrained Air and Freeze-Thaw Durability
6. Pozzolans
7. Admixtures
 - a. Air Entraining Solution
 - b. Water Reducing Admixtures
 - c. Accelerators/ Retarders
 - d. Others
8. Placing/ Finishing- Overview
9. Hot Weather/ Cold Weather Concreting- Overview

Lab Session

10. Lab instruction emphasizing hands-on training with the testing equipment.
 - a. Quality Control Testing
 - Sampling
 - Slump
 - Unit Weight
 - Pressure Method Air
 - Volumetric Method Air
 - Cylinders/ Beams
 - Temperature

Instructors: Steve Morrical – Holcim, Inc; Chris Holman – Holman Consulting Engineers, Inc.; Glen Miller – Holcim, Inc.

Registration is due by July 10, 2008 to be enrolled in the class.

Please return the registration form by FAX to (406) 449-3199 or mail to Montana Contractors' Association Concrete Division, P.O. Box 4519, Helena, MT 59604. Cancellations and substitutions: Cancellations received up to five working days before the program is refundable, minus the cost of course materials. Substitutions may be made at any time.

Firm:	Address, City, State, Zip:	Phone:
--------------	-----------------------------------	---------------

Name _____

Name _____

Name _____

Amount Enclosed	\$	
------------------------	-----------	--

Credit Card Payment	Card #:	Expiration Date:	CC Billing Zip Code:
----------------------------	----------------	-------------------------	-----------------------------

Name on Card:	Address:	Phone #:
----------------------	-----------------	-----------------

Signature: _____ [] MasterCard [] Visa [] Discover [] AMEX