

**Virginia Department of Transportation  
Concrete Field Certification  
2008**

**First Day**

7:30 am - 8:00 am	Registration	
8:00 am - 10:30 am	Chapter 1 - Components of Concrete	Don French
10:30 am - 12:15 pm	Chapter 7 - Protection and Repair of Concrete Structures	Michael Sprinkel
12:15 pm - 1:15 pm	Lunch	
1:15 pm - 2:00 pm	Chapter 8 - Responsibilities of Contractor's Technician and VDOT Inspector	CQIP Personnel
2:00 pm - 4:00 pm	Chapter 9 - Field Inspection and Control of Concrete	CQIP Personnel

**Second Day**

8:00 am - 9:00 am	Chapter 10 - Automated Data Processing	Bobby Broyles Bob Gullet Kerry Jorgenson Scott Manning Barry Stallings Laura Hisey
9:00 am - 10:00 am	Break	
10:00 am - 1:00 pm	Test	

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**Test:** Open Book: 35 multiple choice, TL-13 and TL-28A

**Grading:** Must score 70% or better to pass

**Exam Results:** Can be found on VDOTU at <https://virtualcampus.vdot.virginia.gov/external>

**To be certified:** Students must pass the written exam and obtain ACI Field Level I certification by December 31, 2008. ACI contact number: (434)977-3716. Proof of ACI certification should be sent to the Central Office Materials Division Training Section. If you have any questions contact your District Materials Section Schools Coordinator.



**Virginia Department of Transportation  
Concrete Plant Certification  
2008**

**First Day**

7:30 am - 8:00 am	Registration	
8:00 am - 10:00 am	Chapter 1 - Components of Concrete	Bob Long
10:00 am - 11:30 am	Chapter 2 - Sieve Analysis, Fineness Modulus	Scott Manning Larry Lundy
11:30 am - 12:30 pm	Lunch	
12:30 pm - 5:00 pm	Chapter 3 - ACI Concrete Mix Design and Adjustments	Scott Manning Larry Lundy

**Second Day**

8:00 am - 9:30 am	Chapter 4 - Moisture Content and Batch Weight Calculations	Tommy Schinkel
9:30 am - 11:00 am	Chapter 5 - Inspection of Plant and Equipment	Bob Gullet Barry Stallings Scott Manning
11:00 am - 11:30 am	Chapter 6 - Responsibilities of Producer and VDOT Materials Technician	Bob Gullet Barry Stallings Scott Manning
11:30 am - 12:30 pm	Lunch	
12:30 pm - 5:00 pm	Chapter 10 - Automated Data Processing	Bob Gullet Barry Stallings Scott Manning

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**Test:** Open Book: 25 multiple choice

**Proficiency:** 6 Math problems

**Grading:** Must score a 70% or better to pass

**Exam Results:** Exam results can be found on VDOTU at <https://virtualcampus.vdot.virginia.gov/external>. If you have any questions contact your District Materials Section Schools Coordinator.

## CEMENT CONCRETE PLANT SCHEDULE

<b>Location</b>	<b>Date</b>	<b>Exam Date</b>
Salem	1/16-17/08	1/22/08
Hampton Roads	2/20-21/08	2/25/08
Richmond	3/18-19/08	3/24/08

## CEMENT CONCRETE FIELD SCHEDULE

<b>Location</b>	<b>Date</b>	<b>Exam Date</b>
Northern Virginia	1/23-24/08	1/24/08
Salem	1/30-31/08	1/31/08
Hampton Roads	2/13-14/08	2/14/08
Richmond	2/27-28/08	2/28/08
Staunton	3/12-13/08	3/13/08
Fredericksburg	3/26-27/08	3/27/08

## DISTRICT SCHOOL COORDINATORS

Bristol	Tom Parris	(540) 669-9952
Salem	Rob Lawson	(540) 387-5380
Lynchburg	Linda Eagle	(434) 856-8112
Richmond	Mickey Luchard	(804) 524-6212
Hampton Roads	Jeff Tabrizi	(757) 925-2679
Fredericksburg	Marlene Peyton	(540) 899-4243
Culpeper	Tommy Brown	(540) 829-7580
Staunton	Janice Ramsey	(540) 332-9174
Northern Virginia	Vickie Walker	(703) 383-2165

**CONCRETE**

**PLANT AND FIELD**

**STUDY GUIDE**

**2008**

**Prepared by: The Virginia Department of Transportation, Materials Division**

This manual has been prepared as a practical guide for VDOT Technicians, Inspectors and Contractors in the program area. The information included in this manual is generally compatible with current VDOT Specifications and instructions; **however it should not be considered a source book for specifications.** For Specifications, consult the current or applicable VDOT Road and Bridge Specification Book. This manual should be used as a guide and a reference to supplement the Specification and the reader's knowledge.

## ACKNOWLEDGMENTS

The writers would like to express their appreciation to the Portland Cement Association for their permission to use quotations, graphs and illustrations from the current edition of "Design and Control of Concrete Mixtures". The writers are also grateful to the following companies and organizations for permission to use their illustrations and information:

American Concrete Institute

American Concrete Pavement Association

Construction Machinery Company

Custom Concrete Company

English Construction Company

Jaeger Machine Company

Massey Construction Company

Master Builders Company

Rex Chainbelt, Inc.

Virginia Ready Mix Association

The writers express their gratitude to all personnel of the Department who assisted in the preparation of this manual.

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CERTIFICATION STUDY GUIDE  
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