

CENTRAL MIX AGGREGATE CERTIFICATION STUDY GUIDE

The Virginia Department of Transportation
Materials Division ♦ 2011 Edition

PREFACE

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 Specifications and the reader's knowledge.

Certification Requirements

Pass Written Examination -

- Show photo identification before taking exam
- Sign Technician Certification Application
- Open book - 39 multiple choice questions and completing a TL-52A
- Three hours are allowed for the exam.
- Passing score is 70 - one retest is allowed.
- Complete by December 31, 2011

Pass Proficiency Test -

- To schedule proficiency testing, contact Materials Certification Training at (804)328-3158, or if someone with your company is a proficiency checker you may schedule with them.
- Show photo identification
- Demonstrate applicable aggregate tests methods (see Appendix E)
- Complete by December 31, 2011 after passing written exam.

Tests results and card are found at the VDOT University website listed below.

VDOT Employees: <https://virtualcampus.vdot.virginia.gov>

All other students: <https://virtualcampus.vdot.virginia.gov/external>

If you are enrolled in this class, do not register as a new user.

If you do not know your logon or password, call (804) 328-3158.

Virginia Department of Transportation Aggregate Plant Certification School

Day 1

7:30 – 8:00	Registration	
8:00 – 8:15	Introduction	
8:15 – 9:00	Stockpiling Video	
9:00 – 11:00	Chapter 2 - Quality Assurance Producer & VDOT Responsibilities	Bill Jenkins
11:00 – 11:30	Chapter 2 - Stratified Random Sampling	Bill Jenkins
11:30 – 12:30	Lunch	
12:30 – 3:00	Chapter 3 - Testing of Aggregates	Wayne Melton
3:00 - 4:00	Chapter 3 - Atterberg Limits	Debra Casper

Day 2

8:00 – 9:00	Chapter 3 - Optimum Moisture	Debra Casper
9:00 – 11:00	Chapter 4 - Acceptance of Materials Lot Adjustments	Bill Jenkins
11:00 – 11:30	Appendix A - Automated Data Processing	Debra Casper
11:30 – 12:30	Lunch	
12:30 - 1:00	Chapter 5 - Modified Acceptance	Wayne Melton
1:00 – 1:30	Appendix C - Titration	Wayne Melton
1:30 - 4:30	Proficiency Demonstrations	

Day 3

8:00 - 11:00	Exam	
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The Certification Training School would like to express their appreciation to all the people in the Department and Industry who have helped with the publication of this manual. It is through their dedicated effort that the Certification Program continues to be the standard for other programs to follow.

