

DATE: September 12, 2013

TO: Region Engineers
Region Associate Operations Engineers
Region Construction Engineers
TSC Construction Engineers
TSC Managers

FROM: Gregory C. Johnson, P.E.
Chief Operations Officer

Randel R. Van Portfliet, P.E.
Bureau Director of Field Services

SUBJECT: Bureau of Highway Instructional Memorandum 2013-09
Michigan Certified Aggregate Technician Program Transition

The purpose of this Bureau of Highway Instructional Memorandum (BOH IM) is to clarify the transition from the single certification to the new Level 1 and Level 2 certifications.

All current certifications will continue until they expire. A technician with endorsements A, B, C, D, and E will be considered having the equivalent of a Level 2 rating until the certification expires.

Prior to the technician's current Aggregate Certification expiring, they are to enroll in the Level 2 Recertification Class and maintain all of the old endorsements which will still be printed on the certificates. If the technician does not need to test concrete aggregates, successful completion of the Aggregate Testing Level One Class is required for sampling and testing Granular Materials, Fine, Dense-Graded and Open-Graded Aggregates.

- A Level 1 Certification will qualify a technician to conduct sampling, sample reduction, sieving, loss by washing and percent crushed.
- A Level 2 Certification will review Level 1 work plus teach deleterious particle determination, thin and elongated, specific gravity and absorption of fine and coarse aggregates.

New technicians must successfully complete the Level 1 course before participating in the Level 2 course. The Certified Aggregate Technician Program is part of Michigan's Construction Quality Partnership curriculum.

Endorsement	Old System	New System	
A (Sampling AASHTO T-2)	5 Day Class Good for 5 years	Level 1 (3 day class) (A, B, and C) Good for 5 years 2 day recertification Starting in 2013	Sampling only 1 day class Good for 5 years 1 Day recertification
B (Splitting, Sieving, LBW; AASHTO T-248, T-11, T-27)			2 day recertification
C (Crushed MTM-117)	2 day recertification	Level 2 (4 day class) (D, E, Absorption, Specific Gravity and Other Tests) Good for 5 years 2 day recertification starting in 2018.	
D (Deleterious MTM-110)			
E (Thin & Elongated ASTM D-4791)			
Organic Impurities in Fine Aggregates (AASHTO T-21)			
Moisture Content of Aggregates (AASHTO T-255)			
Specific Gravity and Absorption of Fine Aggregates (AASHTO T-84 & MTM 321)	Not offered		
Specific Gravity and Absorption of Coarse Aggregates (AASHTO T-85 & MTM 320)	Not offered		

If you have any questions, please contact Alan Robords, Aggregate Quality Control, at robordsa@michigan.gov or 517-322-1357.

Chief Operations Officer

Bureau Director of Field Services

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Index: Work Elements

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