



AGGREGATE & READY MIX ASSOCIATION OF MINNESOTA

NRMCA Pervious Concrete Contractor Certification Program

February 19, 2009 – 8:00 am – 4:30 pm

BASF Admixtures – 2955 Eagandale Blvd. – Eagan, MN 55121
Cost: \$195 Per Person

Program Summary

Due to increasing interest in pervious concrete, an NRMCA task group has developed a certification program for contractors qualified to place pervious concrete. The goal of this certification program is to ensure that knowledgeable contractors are selected to place the product and thereby minimize chance for failure.

The NRMCA Pervious Concrete Contractor Certification is modeled after ACI's Flatwork Finisher Certification. The program is designed to be administered locally by local sponsoring groups in conjunction with planned training sessions or demonstrations of pervious concrete placement. NRMCA will only provide certification exams to approved Local Sponsoring Groups for administering the certification. ARM has been approved as a Local Sponsoring Group. Dan Frentress is a certified instructor and an approved examiner.

Two levels are possible:

- 1) Pervious Concrete Technician, which requires passing a written exam. A Pervious Concrete Technician is a person who is knowledgeable about proper procedures to place, consolidate, finish, edge, joint, cure and protect pervious concrete pavements, but who lacks sufficient work experience to qualify as a concrete craftsman.
- 2) Pervious Concrete Craftsman, which requires passing the same exam plus some level of work experience and/or passing a performance exam component. A prerequisite is the ACI Flatwork Finisher certification which ensures that the craftsman knows the basic level of care needed for flatwork construction.

A Pervious Concrete Craftsman is more knowledgeable because he/she not only meets the Technician requirements but also has earned ACI Flatwork Finisher Certification and, through documented work experience, can demonstrate the

ability to place, consolidate, finish, edge, joint, cure and protect pervious concrete pavements.

Scope and Knowledge:

The written examination requires knowledge in the following areas of concrete construction:

- 1) Basic concrete technology
- 2) Pervious concrete materials and mix proportioning
- 3) Proper use of tools and equipment
- 4) General design principles of pervious concrete pavements
- 5) Pervious concrete construction
- 6) Maintenance and troubleshooting

NRMCA Publication #2PPCRT, *Text Reference: Pervious Concrete Contractor Certification* will serve as the reference material for the written test.

Certification Requirements

Pervious Concrete Technician:

Successful completion of written Pervious Concrete Contractor exam – 70% passing score.

Exam Information:

The two-hour written examination is a "closed book," consisting of approximately 50 multiple-choice questions. The passing grade for the written examination is 70%.

Recertification:

Recertification is required every five years and requires successful completion of a written examination. If a previous craftsman certification has been expired by more than six months, recertification will require completion of both the performance/work experience affidavit and the written exam.

Pervious Concrete Contractor Certification Program

Please register the following people for the February 19th PERVIOUS program:

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Total Due: _____

_____ Contact Name

_____ Company

_____ Address

_____ Phone

_____ E-Mail

Method of Payment:

Check Enclosed MasterCard Visa

_____ Credit Card Number

_____ Expiration Date

_____ Name on Credit Card

_____ Security Code # (3 digit # on back of card)

_____ Billing Address of Credit Card

_____ Signature

Mail Registrations to: ARM of MN – 12300 Dupont Avenue South – Burnsville, MN 55337

Fax Registrations to: 952-707-1251