



WASHINGTON AGGREGATES & CONCRETE ASSOCIATION

[NRMCA Pervious Concrete Certification](#)

Click To View NRMCA's Website with program & cert level descriptions

WHEN: Dates are established once nine or more confirmed (paid) registrations are secured. Multiple companies ok.
WHERE: TBD WA Aggregates & Concrete Association 22223 7th Avenue South, Des Moines, WA 98198
CONTACT: Bruce Chattin Cell: (206) 571-3395 | Office Number: (206) 878-1622

CERTIFICATION INCLUDES:

- * Pervious Review Class 8:00 AM – 11:30 AM. Break for lunch, on-your-own
- * NRMCA Pervious Concrete Study Guide & NRMCA Written Exam 12:45 PM
- * Possible Pervious Concrete Practice Placement (*in limited instances*)
- * Exam Grading, & Certification status and certificates by NRMCA (anticipate three weeks for results)
- * For Installer: ++ Local onsite performance evaluation subject to mutual scheduling.

CERTIFICATION FEE:

Contractor Discounts are available for registering a crew of four or more. Specs may require a minimum # of crew members to be certified to pre-qualify to bid pervious projects. **Minimum registration is three crew members/company.**

Most new specifications will require the NRMCA INSTALLER level (4 crew members) as the minimum level of qualification for Pervious Contractors. Contractor crew members with a CURRENT NRMCA "Technician" Pervious Certification should upgrade their Certification status to "Installer" by acquiring the additional Certification elements for "Installer" Certification as listed below.

Per ACI 522.1-13, the **Technician level DOES NOT apply to CONTRACTOR CREW members.** To meet new specifications requirements, upgrading to the Installer level is required. **++ A performance evaluation & pervious work history is required to obtain Installer status.** NRMCA "CRAFTSMAN" Certification remains available to Installer candidates with sufficient experience.

COURSE CONTENT OVERVIEW: While study materials, chapter questions, review class, and discussion will help prepare the examinee for the written NRMCA examination, sufficient self-study before the course is recommended.

- ☑ **Fundamentals of Pervious Concrete;** Overview of Stormwater Management Benefits & Principles
- ☑ **Pervious Concrete Mix Design & Characteristics:** Mix proportioning, Factors affecting Pervious Concrete performance, Water Cement Ratios & Relationships, Admixtures, Testing & Production
- ☑ **Material and Placing Equipment Considerations**
- ☑ **General Design Principles of Pervious Concrete:** Base / Subgrade, Pavement Thickness, Porosity
- ☑ **Construction of Pervious Concrete:** Site prep, Placing, Finishing Tools, Finishing Practices, Jointing, Curing & Protection of Pervious Concrete
- ☑ **Maintenance & Trouble Shooting Common Problems:** Raveling, Maintenance, Freeze Thaw & Repairs etc.

NRMCA Certification levels for Professional Pervious Concrete Contractor CREW MEMBERS

Achieving NRMCA Pervious "INSTALLER" Certification requires:

- ☑ Successful passage of the written exam (75%) **Technician level only as a single element**
- ☑ Complete the **INSTALLER** Pervious Performance Evaluation in conjunction with a project reference placement or scheduled during an anticipated pervious placement **AND**
- ☑ Provide documentation (**NRMCA PCC8 INSTALLER Application**) of successful construction of at least three pervious projects with a total cumulative area exceeding 10,000 sq. ft. **AND**
- ☑ Complete and submit summarizing completion of the above pervious project requirements.
- ☑ **NEXT STATUS UPGRADE LEVEL IS "CRAFTSMAN"- All of the above PLUS 1500 – 3000 hours of pervious work**

**** Pervious Placement & Equipment:** If a practice placement option is available, Pervious Concrete Contractor Examinees must participate in a practice placement using proper placing equipment as supplied by attending contractor companies. The practice should include proper use of equipment such as concrete or standard garden rakes, Static or Hydraulic "spinning" Compaction roller(s), tools used for compacting edges, wet cut jointing rollers, edging equipment, cross rollers and Visqueen. Standard concrete finishing tools may also be used, but only as they apply to Pervious concrete.
**** (Practice Placement available only if pervious concrete is available at the review/exam class)**

NRMCA PERVIOUS CONCRETE CERTIFICATION

— REGISTRATION FORM —

Date & Location TBD



- Class date and location will be finalized upon pre-paid registrations to conduct a class of 9 or more. Multiple crews ok.
- NRMCA Exams will only be administered to paid registrants.
- Certification on demand to meet short notice or project schedule is charged at the regular rate of +\$75 extra per person, plus NRMCA rush fees.
- Being on a project to meet spec requirements may require a \$200 on-site fee and full crew certification.
- Study guide and review class in in English only

PRIMARY CONTACT INFORMATION

Company Name:
Mailing Address:
Primary Contact: **Title:**
Email Address: **Phone:**

EXAMINEE REGISTRATION & CURRENT CERTIFICATION STATUS

Name: <input type="text"/> Current Certification Status: <input type="checkbox"/> First-time <input type="checkbox"/> Previously Certified, expired <small>Select One</small>	Registration Level: <input type="checkbox"/> Installer (+35) <input type="checkbox"/> Technician <input type="checkbox"/> Certified, Tech Level <input type="checkbox"/> Certified, Installer Level
Name: <input type="text"/> Current Certification Status: <input type="checkbox"/> First-time <input type="checkbox"/> Previously Certified, expired <small>Select One</small>	Registration Level: <input type="checkbox"/> Installer (+35) <input type="checkbox"/> Technician <input type="checkbox"/> Certified, Tech Level <input type="checkbox"/> Certified, Installer Level
Name: <input type="text"/> Current Certification Status: <input type="checkbox"/> First-time <input type="checkbox"/> Previously Certified, expired <small>Select One</small>	Registration Level: <input type="checkbox"/> Installer (+35) <input type="checkbox"/> Technician <input type="checkbox"/> Certified, Tech Level <input type="checkbox"/> Certified, Installer Level
Name: <input type="text"/> Current Certification Status: <input type="checkbox"/> First-time <input type="checkbox"/> Previously Certified, expired <small>Select One</small>	Registration Level: <input type="checkbox"/> Installer (+35) <input type="checkbox"/> Technician <input type="checkbox"/> Certified, Tech Level <input type="checkbox"/> Certified, Installer Level
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Name: <input type="text"/> Current Certification Status: <input type="checkbox"/> First-time <input type="checkbox"/> Previously Certified, expired <small>Select One</small>	Registration Level: <input type="checkbox"/> Installer (+35) <input type="checkbox"/> Technician <input type="checkbox"/> Certified, Tech Level <input type="checkbox"/> Certified, Installer Level

REGISTRATION FEES AND PAYMENT INFORMATION

Registration Fees

Contractors registering Four (4) or more:	<input type="checkbox"/> X \$355 Per Person	\$ _____	+ See Below
Certification Renewals (Copy of wallet card or certificate required):	<input type="checkbox"/> X \$355 Per Person	\$ _____	
Contractors registering the minimum of Three (3):	<input type="checkbox"/> X \$395 Per Person	\$ _____	+ See Below
WA Agg. & Concrete Association Member Rate:	<input type="checkbox"/> X \$355 Per Person	\$ _____	
Written Re-Exam Fee:	<input type="checkbox"/> X \$185 Per Person	\$ _____	

Registration Add-ons:

+ Contractors: **To upgrade from Tech. to Installer**, a \$35 per person fee applies.
Performance evaluation is required to obtain Installer status. Note: a \$200 site visit fee may apply pending timing/location.

On-Demand or Just-in-Time certification add \$95 per person:	<input type="checkbox"/> X \$95 Per Person	\$ _____
Certification document replacement fee:	<input type="checkbox"/> X \$35 Per Person	\$ _____

Registration Total: \$ _____

Payment Information:

Credit Card Number: _____ Security Code: _____
 Name on Card: _____ Exp. Date: _____
 Full Billing Address w/ Zip: _____
 Authorized by: _____

Return completed form to: mbauer@washingtonconcrete.org

WA Agg. & Concrete Association
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