



COLORADO READY MIXED
CONCRETE ASSOCIATION

FREE Access to ASTM Standards and Training for CRMCA Members



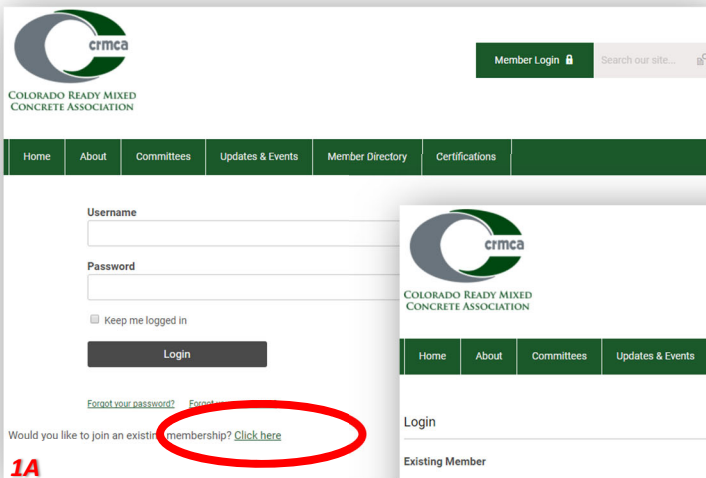
THE ASTM COMPASS PORTAL WAS CREATED IN PARTNERSHIP BETWEEN THE COLORADO READY MIXED CONCRETE ASSOCIATION (CRMCA) AND THE METROPOLITAN GOVERNMENT PAVEMENT ENGINEERS COUNCIL (MGPEC). THE PORTAL GRANTS FREE ACCESS TO ASTM STANDARDS AND TRAINING FOR ALL CRMCA MEMBER COMPANIES AND THEIR EMPLOYEES, AS WELL AS COLORADO MUNICIPAL EMPLOYEES.

CRMCA members, including all Colorado municipality, city, and county employees, now have free access to 17 ASTM Standards and seven (7) eLearning programs through the **ASTM Compass Portal**. These ASTM Standards contain valuable information for producers, engineers, inspectors, and designers that wish to reference specific test methods or review requirements throughout construction projects.

The eLearning modules available will assist in training for ACI Certifications for employees. CRMCA recommends these eLearning modules for more in-depth education prior to attending the ACI Certification examinations.

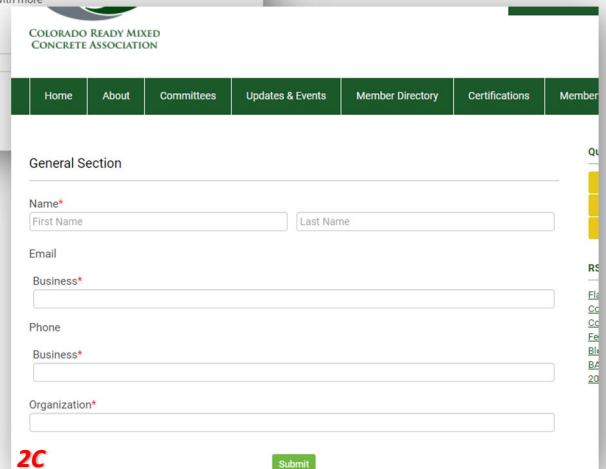
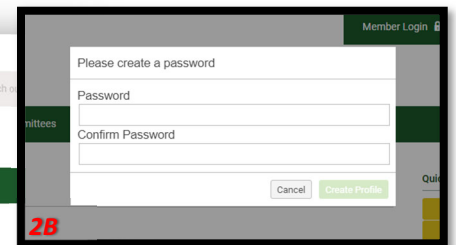
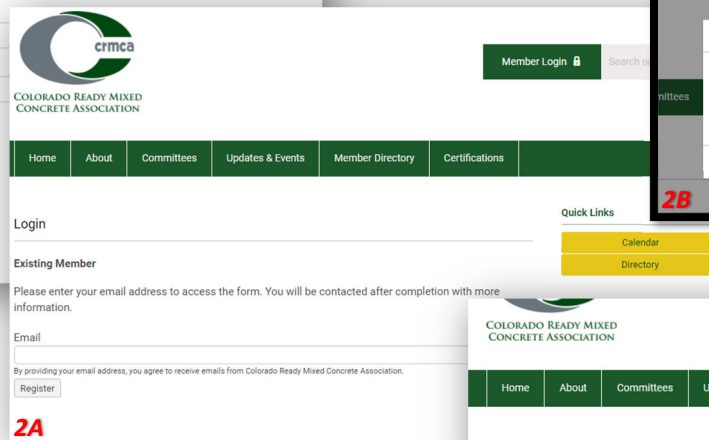
Please follow the steps below to access the ASTM Standards and training modules. If you already have a CRMCA member login, go directly to **STEP #3**. For additional questions and support contact JT Mesite via email at jt@coloradocaa.org or by phone at (720) 272-6592.

STEP #1: Go to crmca.org and click on the blue "Member Only" button at the top right of the page. On the login page, go to the bottom of the page and select "[Click here](#)" right of "Would you like to join an existing membership?"

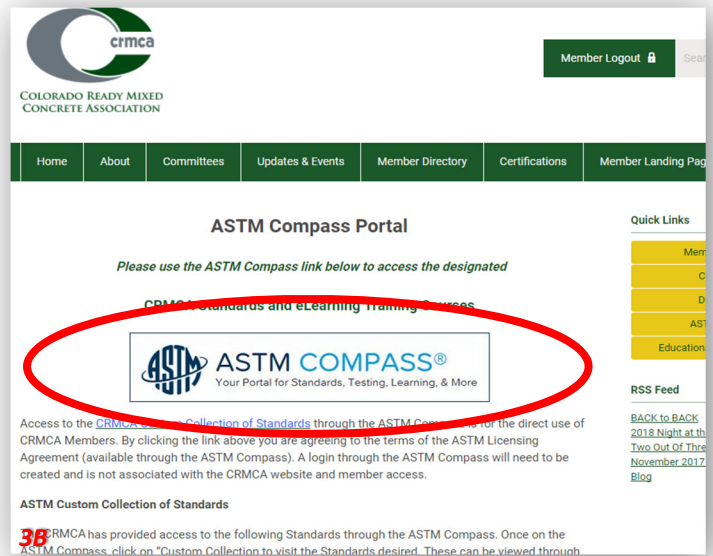
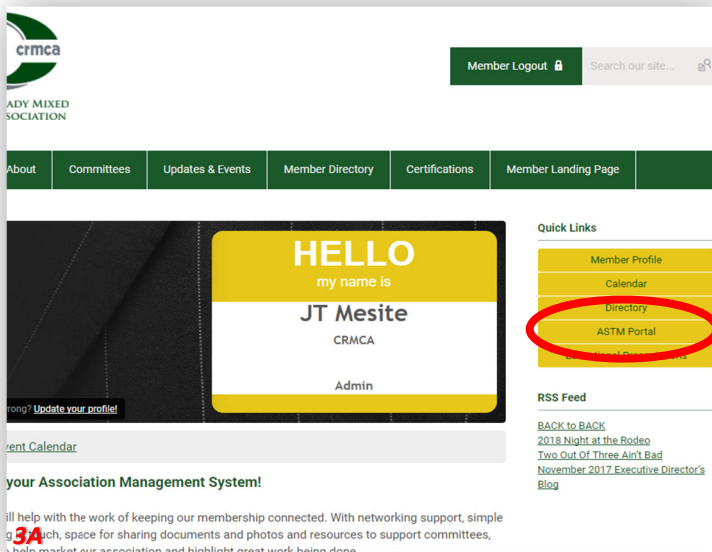


STEP #2: Enter your company email address and click "Register". Enter a password and confirm. Complete the registration information including your business email, phone, and address. *Don't forget to add your Organization name before submitting!*

A confirmation page will notify you the request was submitted, and you will receive an email stating the registration will be reviewed within 24-36 hours. Approval must be completed before access to the ASTM Compass Portal is available.

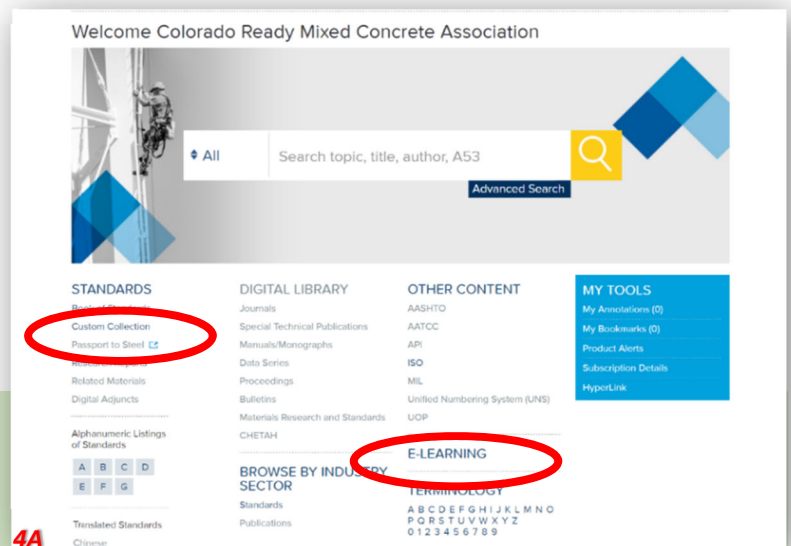


STEP #3: Log into your account on crmca.org by clicking on the blue “Member Only” button at the top right of the page. Click "ASTM Portal" under Quick Links on the right side of the Member Landing Page. On the ASTM Compass Portal summary page, click the ASTM COMPASS image. You will be redirected the ASTM website.



STEP #4: If this is your first time accessing the ASTM Compass Portal, you will be asked to agree to the terms of the ASTM Licensing Agreement. You will then be required to register on the ASTM website. You can use an existing ASTM login if you have one, but you cannot use your existing CRMCA membership login.

After logging in, you will have access to the below standards through the “Custom Collection” and “eLearning” links.



- C31*** – Standard Practice for Making and Curing Concrete Test Specimens in the Field
- C33** – Standard Specification for Concrete Aggregates
- C39** – Standard Test Method for Compressive Strength of Cylindrical Concrete Specimens
- C42** – Standard Test Method for Obtaining and Testing Drilled Cores and Sawed Beams of Concrete
- C78** – Standard Test Method for Flexural Strength of Concrete (Using Simple Beam with Third-Point Loading)
- C94** – Standard Specification for Ready-Mixed Concrete
- C138*** – Standard Test Method for Density (Unit Weight), Yield, and Air Content (Gravimetric) of Concrete
- C143*** – Standard Test Method for Slump of Hydraulic-Cement Concrete
- C150** – Standard Specification for Portland Cement
- C172*** – Standard Practice for Sampling Freshly Mixed Concrete
- C173*** – Standard Test Method for Air Content of Freshly Mixed Concrete by the Volumetric Method
- C231*** – Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method

- C1064*** – Standard Test Method for Temperature of Freshly Mixed Hydraulic-Cement Concrete
- C1077** – Standard Practice for Agencies Testing Concrete and Concrete Aggregates for Use in Construction and Criteria for Testing Agency Evaluation
- D4832** – Standard Test Method for Preparation and Testing of Controlled Low Strength Material (CLSM) Test Cylinders
- D5971** – Standard Practice for Sampling Freshly Mixed Controlled Low-Strength Material
- D6023** – Standard Test Method for Density (Unit Weight), Yield, Cement Content, and Air Content (Gravimetric) of Controlled Low-Strength Material (CLSM)

**eLearning training module available*

To access the above Standards for FREE, you MUST login through the crmca.org website using your CRMCA membership login. Other Standards not part of the CRMCA subscription can be purchased through the ASTM website.