

Director's Notes

Change is always tough. Even for those who see themselves as agents of change, the process of starting a new thing can cause times of disorientation, uncertainty and insecurity.

Joyce Meyer



This year, the CRSI Plant Certification Program is going through a major change and EIG is looking at methods to ease this transition. There are two main documents that are close to being completed by CRSI, which will need to be reviewed by each coating plant. These documents are:

- Procedures For The Development And Maintenance Of Manufacturing Certification Programs
- CRSI Standard Practice for Epoxy Coating Plant: Straight Bar Lines

Some important changes to the program include:

- Plants are required to develop a Coating Quality Manual.
- Non-payment of application and continuing program fees by February 1 of each year shall be cause for loss of certification.
- CRSI and the Inspection Agency (currently WJE) cannot give advice or provide consultancy services to the applicant as to methods of dealing with matters that are barriers to the certification requested.
- Inspection reports and other correspondence shall not be directly submitted to the Manufacturing Facilities by the IA. They must be passed through CRSI.



EIG is preparing a PowerPoint presentation on these two aspects of the program and should be able to present this to all EIG members in April 2014.

EIG is also evaluating development of a Quality Control template to assist with the writing of Plant Quality Manuals. Information on this will also be available at the end of April 2014.

CRSI Tempe

The CRSI Technical Meeting in Tempe drew a record crowd. We hope that you were able to have a productive time at the meeting.

At the EIG meeting, significant discussions were held regarding AASHTO M254/T253 for dowel bars and a proposal from JC Supply to modify this specification. Details on proposed changes were sent in the minutes of the meeting; please let us know if you have any questions or comments.

The Durability Committee had several items on its agenda, including an update on NACE, ACI, and on ongoing corrosion research. A report from Roadmap Task Group was presented with two main tasks:

- Develop a summary of corrosion testing and chloride threshold determination techniques for different steel products with definitions of common terms so that end users who are not corrosion specialists can understand what the different tests mean and how/why they differ.
- Prepare summaries of relevant laboratory research and bridge field performance studies, including chloride threshold testing of reinforcement so that they are understandable to the typical decision maker.

Also at this meeting, CRSI Regional Managers were requested to develop a 30-minute presentation on corrosion of black reinforcing steel in concrete to assist with education of the engineering community. Drafts for additional technical notes were requested and EIG will lead the preparation of the technical note on epoxy-coated reinforcing.

NACE

EIG attended many of the NACE meetings, including:

- TG290 Design for Corrosion Control
- TG 356 - Reinforced Concrete: Stray-Current-Induced Corrosion
- TG 057 - Reinforced Concrete: Corrosion-Resistant Reinforcement
- Reinforced Concrete: Design, Evaluation, and Remediation

Many of these committees have developed documents that will be sent for ballot, and EIG is aware of issues that present epoxy-coated bars in either a poor light or are technically incorrect. These issues will be brought forward to the committees during the ballot periods.

EIG also brought forward a request from CRSI, that CRSI and NACE form a closer relationship as they are developing documents that are similar in scope. Unfortunately, this motion was defeated. Members of the NACE Concrete Committee were also unaware of the Memorandum of Understanding (MOU) between ACI and NACE that these two groups should work closer together on issues relating to corrosion of steel in concrete. EIG will continue to try to ensure that all three groups (CRSI/ACI/NACE) produce technically accurate information on epoxy-coated and other reinforcing products.



CERTIFICATION

Three meetings were held at Tempe relating to the certification program and epoxy-related standards.

At the Independent Manufacturing Certification Committee (IMCC) meeting, a lottery was conducted to determine rollout by region for the new certification program. Each plant should have received notice from CRSI when you will need to submit your Coating Quality Manual (CQM) to CRSI. The rollout is as follows:

- September – Great Lakes
- October – Central
- November – South and Atlantic
- December – Western
- January – Greater South West

At the Epoxy Fabrication meeting, the Public Ballot process was discussed. This public ballot was completed on March 17, 2014, with only one set of comments from WJE. The document has since been sent back to the Standards Committee.

The Standard Practice for Epoxy Coating Facilities: Custom Lines is currently at the CRSI Standards Committee and will be sent for public ballot soon.

At the Epoxy Fabrication meeting, DOT Adoption and Plant Applications for the program were discussed. All DOTs have been informed of the availability of epoxy fabrication certification and have been provided with draft provisions that may be incorporated into standard specifications. To date, no DOTs have currently adopted CRSI epoxy fabrication certification in current specifications.



The Standard Practice for Epoxy-Coated Reinforcing Bar Fabrication Facilities was currently at public ballot. Comments on the document provided by WJE were resolved. No additional public comments were submitted by the end of the ballot on March 17, 2014, and the modified document has been forwarded to the CRSI Standards Committee.

Quote

Democracy is the recurrent suspicion that more than half of the people are right more than half of the time.

E.B. White

Date	Event
April 11	Minnesota Department of Transportation meeting – Pavements/Dowels, Maplewood, MN
April 22 – 24	National Concrete Consortium, Jacksonville, FL
April 25 – 26	PCI Committee Days/AASHTO T-10, Chicago, IL
April 26 – 29	CRSI, Isle of Palms, NC
May 5 – 8	ASTM, Toronto ON
May 18 – 22	NTPEP, Greenville, SC
June 8 – 12	IBC, Pittsburgh, PA
June 22 – 26	AASHTO Bridge, Columbus, OH
July 27 – Aug 1	AASHTO Materials, Minneapolis, MN