



**ATTENTION: TP&D, DESIGN, CONSTRUCTION, MAINTENANCE AND
TRAFFIC OPERATIONS ENGINEERS**

SPECIAL PROVISION AND/OR SPECIFICATION CHANGE MEMORANDUM 17-22

MEMO

Date: March 23, 2022

To: District Engineers

From: Ryan C. Barborak, P.E.
Director, Materials and Tests Division

Subject: Statewide Special Provision SP 421-010 (14), "Hydraulic Cement Concrete," DMS-4640, "Chemical Admixtures for Concrete," and Tex-630-J, "Measuring Calcium Nitrite Content"

DS
RCB

The above-referenced Special Provision has been approved for statewide use and is required for all projects using Hydraulic Cement Concrete beginning with the July 2022 letting. However, use of this Special Provision prior to the July 2022 letting is at the District's option.

SP 421-010, "Hydraulic Cement Concrete," (Spec Committee No. 0421-20212-2), this Special Provision changes mix design allowances for Class H concrete and requirements for calcium nitrite corrosion inhibitors.

The above-referenced Departmental Materials Specification (DMS) has been approved for statewide use, effective March 2022.

DMS-4640, "Chemical Admixtures for Concrete," (Spec Committee No. DMS-4640-20212-3)

The primary revisions for this test procedure are:

- adds requirements for corrosion inhibitors
- changes requirements for latex admixtures, and
- various editorial changes.

The above-referenced test procedure has been approved for statewide use, effective March 2022.

Tex-630-J, "Measuring Calcium Nitrite Content," (Spec Committee No. Tex-630-J-20212-4), new test procedure for chemical admixtures for concrete.

Please disseminate this information to your Transportation Planning & Development, Design, Construction, Laboratory, Maintenance, and Traffic Operations Engineers.

CC: TxDOT Specification Committee
Federal Highway Administration
The Associated General Contractors of Texas