Regional Engineers

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Special Provision for Portland Cement Concrete

April 21, 2023

This special provision was developed by the Central Bureau of Materials to update admixture dispensers used in automatic and semi-automatic batching of portland cement concrete to allow dual meter type systems in lieu of gross checks.

This special provision should be inserted into contracts involving portland cement concrete.

The districts should include the BDE Check Sheet marked with the applicable special provisions for the August 4, 2023 and subsequent lettings. The Project Coordination and Implementation Section will include a copy in the contract.

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# Portland Cement Concrete (bde)

Effective: August 1, 2023

Revise the second paragraph of Article 1103.03(a)(4) the Standard Specifications to read:

“ The dispenser system shall provide a visual indication that the liquid admixture is actually entering the batch, such as via a transparent or translucent section of tubing or by independent check with an integrated secondary metering device. If approved by the Engineer, an alternate indicator may be used for admixtures dosed at rates of 25 oz/cwt (1630 mL/100 kg) or greater, such as accelerating admixtures, corrosion inhibitors, and viscosity modifying admixtures.”

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