

# Standing Committee on Concrete Technology

## Technical Note No. 6

### Suitable Reference Cement in CS1:2010

#### A. Background

1. A reference cement is used in the Ultra-accelerated Mortar Bar Test (UAMBT) to Section 22 of CS1:2010. In the past, suitable reference cement, namely “NORCEM”, was available from Norcem A.S, R & D Department, 3950 Brevik, Norway.
2. However, it is noticed that “NORCEM” is not available in the market recently and the shortage of supply of “NORCEM” is not expected to be improved within a short to medium period of time.

#### B. Way Forward

3. The Standing Committee on Concrete Technology at its meeting No. 02/2019 has decided to adopt the following measures tentatively for a period of two years.

##### Option 1

Allow a substitute reference cement to replace “NORCEM”, provided that it complies fully with the requirements stated in Section 22 of CS1:2010 for UAMBT; or

##### Option 2

Adopt ASTM C1260-94 or ASTM C1260-14 - Standard Test Method for Potential Alkali Reactivity of Aggregates (Mortar-Bar Method) as an alternative to Section 22 of CS1:2010 for UAMBT.

#### C. Effective Date

4. This Technical Note takes effect on **7 January 2020**.

[ End ]

[7 January 2020]