

BUREAU OF INDIAN STANDARDS

Supplementary Agenda

Cement Matrix Products Sectional Committee, CED 53

Meeting No.

Twenty Third Meeting (23rd)

Date

24 April 2024, Time 1030h

Venue

Hybrid Meeting from (Blue room)

(BIS HQ, New Delhi, India - 110002)

ITEM 9 COMMENTS FROM MANAK MANTHAN

IS No.	Commentator/ Organisation	Clause/Para/Table/Figure No. Commented	Comments/Modified Wordings	Justification of the Proposed change
IS 17908 : 2023 Fibre Cement Sheet - Lightweight Concrete Sandwich Panels	Er E Ramakrishnan Secretary Bhoo Cultural Academy (Manak Manthan MDBO)	4.5 Fibrous	Why there is no IS standards of discreet elements.	Discreet means (with cautious) – products name is Fiber Cement Sheet
		4.8 Adhesive	Why no standards for vermiculite perlite expanded polystyrene beads?	
		10 Marking	Need occupational health standards.	
		Annex A	Asbestos information center	How it is handled and fixed in position without affecting humans
		Open	Details for no disposing of fiber cement sheet (Environment Hazard details)	Needed
		Clause 4.5 and 4.8	The reference standard for fibers and additives need to be mentioned	Fibers and additives specification limit is needed
	CTBO	Cl.5.7	Average duration of curing by humid curing or air curing may be included	
		Annex D - Figure 6	Clarity on the diagram is recommended. As the loading condition represented in the figure seems to be symmetrical	

			load and not uniformly distributed load. Hence clarity on the diagram is recommended.	
		Annex B	Method of determination of density does not incorporate conditioning of sample prior to carrying on the test. It is recommended to consider the same.	
IS 458: 2021 Precast Concrete Pipes (with and without Reinforcement)	JPBO	Cl. 4.1	Reinforced pipe can be manufactured by vibration cast method only.	To have a more clear scope of licence, it can be mentioned in IS adding a note or sub clause in cl. 4 that Reinforced pipe can be manufactured by vibration cast method only.
		Cl. 7.4	In cl. 7.4, Curing criteria for cement with flyash and slag is specified. Curing criterion for OPC cement, composite cement or some other type of cement shall be specified.	In case of pipes where cement used is Ordinary Portland cement, Flyash based cement, slag cement, composite cement or any other type of cement, the minimum period of water curing shall be 14 days
		Cl. 7.4, last sentence	Impermeable membrane may be used for curing as per IS 456 may be made recommendatory	It is recommended that impermeable membrane may be used for curing as per IS 456
		Table 2	Spiral hard drawn steel (kg/linear metre) given in table 2 for NP2 pipes shall be less than corresponding values from table 3 for NP3 pipes. However, for sizes 450mm, 500mm and 600mm, the values given are higher in table 2 for NP2 pipes than table 3 for NP3 pipes.	Spiral hard drawn steel (kg/linear metre) given in table 2 for NP2 pipes for sizes 450mm, 500mm and 600mm may be corrected.

		Table 8	The changes done in reinforcements – spirals, hard drawn steel (kg/linear metre) in Table 8 are not required as the weight has reduced so much, with that it would be very different to reduce ultimate load and strength requirement.	Table 8 may be kept as per old standard IS 458:2003
IS 16720 : 2018 Pulverized Fuel Ash-Cement Bricks-Specification	HRBO	Clause 7.2	Proportion of mixing of Raw materials may be suggested	TC may provide recommendatory notes on proportion of mixing of Raw materials with respect to different grades

ITEM 11 COMMENTS FROM SPMA

Amendment no. 1 of March 2024 to IS 458: 2021

IS No.	Commentator/ Organisation	Clause/Para/Table/ Figure No. Commented	Comments/Modified Wordings	Justification of the Proposed change
IS 458: 2021 Precast Concrete Pipes (with and without Reinforcement)	SPMA	Table 5	At column 3, the figure should be 12+12	In place of 12+2
		Table 8	At column 3, the figure should be 12+12	In place of 12+2