

# Minimum Cementitious Materials Content

(Prior Jan 2021 Spec)

TABLE 4  
Concrete Master Proportion

Class of Concrete	Minimum Total Cementitious Materials Content pounds per cubic yard *
I	470
I (Pavement)	470
II	470
II (Bridge Deck)	611
III	611
III (Seal)	611
IV	658
IV (Drilled Shaft)	658
V (Special)	752
V	752
VI	752
VII	752

(Jan 2021 Spec)

## 346-3.4 Durability for Concrete Construction:

**346-3.4.1 Minimum Cementitious Materials Content:** Ensure that the produced concrete meets the minimum amount of cementitious materials content in Table 346-4.

Table 346-4 Minimum Amount of Total Cementitious Materials Content (pounds per cubic yard of concrete)			
Concrete Application	Environmental Classification		
	Extremely Aggressive	Moderately Aggressive	Slightly Aggressive
Reinforced Concrete <sup>(1)</sup>	600	550	510
Non-reinforced Concrete	470		

Notes:  
(1) The Engineer may allow a lower total amount of cementitious materials content in concrete Class I, Class I (Pavement), Class II and Class III.

Class of Concrete	Current Cementitious Materials Content (lb/yd <sup>3</sup> )	Reduction of the Minimum Total Cementitious Materials Content lb/yd <sup>3</sup>		
		Environmental Classification		
		Extremely	Moderately	Slightly
I, I (Pavement), II	470	0	0	0
II (Bridge Deck), III, III (Seal)	611	11	61	101
IV, IV (Drilled Shaft)	658	58	108	148
V (Special), V, VI, VII	752	152	202	242