

**TABLE 1704.5.1 LEVEL 1 REQUIRED VERIFICATION AND INSPECTION OF MASONRY CONSTRUCTION**

VERIFICATION AND INSPECTION	FREQUENCY OF INSPECTION		REFERENCE FOR CRITERIA		
	CONTINUOUS	PERIODIC	ADIBC SECTION	TMS 402/ACI 530/ASCE 5 <sup>a</sup>	TMS 602/ACI 530.1/ASCE 6 <sup>a</sup>
1. Compliance with required inspection provisions of the construction documents and the approved submittals shall be verified.	-	X	-	-	Art. 1.5
2. Verification of $f'_m$ and $f'_{AAC}$ prior to construction except where specifically exempted by this code.	-	X	-	-	Art. 1.4B
3. Verification of slump flow and VSI as delivered to the site for self-consolidating grout.	X	-	-	-	Art. 1.5B.1.b.3
4. As masonry construction begins, the following shall be verified to ensure compliance:					
a. Proportions of site-prepared mortar.	-	X	-	-	Art. 2.6A
b. Construction of mortar joints.	-	X	-	-	Art. 3.3B
c. Location of reinforcement, connectors, prestressing tendons and anchorages.	-	X	-	-	Art. 3.4, 3.6A
d. Prestressing technique.	-	X	-	-	Art. 3.6B
e. Grade and size of prestressing tendons and anchorages.	-	X	-	-	Art. 2.4B, 2.4H
5. During construction the inspection program shall verify:					
a. Size and location of structural elements.	-	X	-	-	Art. 3.3F
b. Type, size and location of anchors, including other details of anchorage of masonry to structural members, frames or other construction.	-	X	-	Sec. 1.2.2(e), 1.16.1	-
c. Specified size, grade and type of reinforcement, anchor bolts, prestressing tendons and anchorages.	-	X	-	Sec. 1.15	Art. 2.4, 3.4
d. Welding of reinforcing bars.	X	-	-	Sec. 2.1.9.7.2, 3.3.3.4(b)	-
e. Preparation, construction and protection of masonry during cold weather (temperature below 40°F) or hot weather (temperature above 90°F).	-	X	Sec. 2104.3, 2104.4	-	Art. 1.8C, 1.8D
f. Application and measurement of prestressing force.	X	-	-	-	Art. 3.6B