



Required Special Inspections

Project Name Augusta VA Uptown Community Living Center Renovation

Project Address Augusta, GA

During construction of the referenced project, it is intended that special inspection as outlined in Chapter 17 of the 200_ International Building Code be provided for by the owner. The following areas of work will require special inspection:

MATERIAL / ACTIVITY	FREQUENCY OF INSPECTION	INSPECTOR
A. Inspection of Steel Fabrication Process per 1704.2.1 (Not required if fabricator is registered and approved per Section 1704.2.2)	-----	Testing Agent
B. Inspection of Steel per 1704.3 – 1704.3.3.3 & Table 1704.3		
1. Material verification of high-strength bolts, nuts and washers:		
a. Identification markings to conform to ASTM standards specified in the approved construction documents.	Periodic	Testing Agent
b. Manufacturer's certificate of compliance required.		Testing Agent
2. Inspection of high-strength bolting:		
a. Bearing-type connections.	Periodic	Testing Agent
b. Slip-critical connections.	Periodic	Testing Agent
3. Material verification of structural steel:		
a. Identification markings to conform to ASTM standards specified in the approved construction documents.	-----	Testing Agent
b. Manufacturers' certified mill test reports.	-----	Testing Agent
4. Material verification of weld filler materials:		
a. Identification markings to conform to AWS specification in the approved construction documents.	-----	Testing Agent
b. Manufacturer's certificate of compliance required.	-----	Testing Agent
5. Inspection of welding:		
a. Structural Steel:		
1) Complete and partial penetration groove welds.	Continuous	Testing Agent
2) Multipass fillet welds.	Continuous	Testing Agent
3) Single-pass fillet welds > 5/16"	Continuous	Testing Agent
4) Single-pass fillet welds ≤ 5/16"	Periodic	Testing Agent
5) Floor and deck welds.	Periodic	Testing Agent
b. Reinforcing steel:		
1) Verification of weldability of reinforcing steel other than ASTM A 706.	Periodic	Testing Agent
2) Reinforcing steel-resisting flexural and axial forces in intermediate and special moment frames, and boundary elements of special reinforced concrete shear walls and shear reinforcement.	Continuous	Testing Agent
3) Shear reinforcement.	Continuous	Testing Agent
4) Other reinforcing steel.	Periodic	Testing Agent
6. Inspection of steel frame joint details for compliance with approved construction documents:		
a. Details such as bracing and stiffening.	Periodic	Testing Agent
b. Member locations.	Periodic	Testing Agent
c. Application of joint details at each connection.	Periodic	Testing Agent



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C. Inspection of Concrete per 1704.4 – 1704.4.1 & Table 1704.4		
1. Inspection of reinforcing steel, including prestressing tendons, and placement.	Periodic	Testing Agent
2. Inspection of reinforcing steel welding in accordance with Table 1704.3, Item 5B.	-----	Testing Agent
3. Inspect bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased.	Continuous	Testing Agent
4. Verifying use of required design mix.	Periodic	Testing Agent
5. At the time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete.	Continuous	Testing Agent
6. Inspection of concrete and shotcrete placement for proper application techniques.	Continuous	Testing Agent
7. Inspection for maintenance of specified curing temperature and techniques.	Periodic	Testing Agent
8. Inspection of prestressed concrete:		
a. Application of prestressing forces	Continuous	Testing Agent
b. Grouting of bonded prestressing tendons in the seismic-force-resisting system.	Continuous	Testing Agent
9. Erection of precast concrete members.	Periodic	Testing Agent
D. Inspection of Soil Conditions per 1704.7 – 1704.7.3	-----	Testing Agent
E. Inspection for Special Cases per 1704.13	-----	Testing Agent
F. Seismic Resistance Inspections & Testing per 1707 – 1707.8 & 1708 – 1708.5	-----	Testing Agent