

TABLE 1704.3—REQUIRED VERIFICATION AND INSPECTION OF STEEL CONSTRUCTION

VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCED STANDARD ^a	IBC REFERENCE
1. MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS:				
A. IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	--	X	AISC 360, SECTION A3.3 AND APPLICABLE ASTM MATERIAL STANDARDS	--
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	--	X	--	--
2. INSPECTION OF HIGH-STRENGTH BOLTING:				
A. SNUG-TIGHT JOINTS.	--	X	AISC 360, SECTION M2.5	1704.3.3
B. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITHOUT MATCHMARKING OR CALIBRATED WRENCH METHODS OF INSTALLATIONS.	--	--		
C. PRETENSIONED AND SLIP-CRITICAL JOINTS USING TURN-OF-NUT WITH MATCHMARKING, TWIST-OFF BOLT OR DIRECT TENSION INDICATOR METHODS OF INSTALLATIONS.	--	--		
3. MATERIAL VERIFICATION OF STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:				
A. FOR STRUCTURAL STEEL, IDENTIFICATION MARKINGS TO CONFORM TO AISC 360.	--	--	AISC 360, SECTION M5.5	APPLICABLE ASTM MATERIAL STANDARDS
B. FOR OTHER STEEL, IDENTIFICATION MARKINGS TO CONFORM TO ASTM STANDARDS SPECIFIED IN THE APPROVED CONSTRUCTION DOCUMENTS.	--	--		
C. MANUFACTURER'S CERTIFIED TEST REPORTS.	--	--		
4. MATERIAL VERIFICATION OF WELD FILLER MATERIALS:				
A. IDENTIFICATION MARKINGS TO CONFORM TO AWS SPECIFICATION IN THE APPROVED CONSTRUCTION DOCUMENTS.	--	X	AISC 360, SECTION A3.5 AND APPLICABLE AWS A5 DOCUMENTS	--
B. MANUFACTURER'S CERTIFICATE OF COMPLIANCE REQUIRED.	--	X	--	--
5. INSPECTION OF WELDING:				
A. STRUCTURAL STEEL AND COLD-FORMED STEEL DECK:				
1) COMPLETE AND PARTIAL JOINT PENETRATION GROOVE WELDS.	X	--	AWS D1.1	1704.3.1
2) MULTI-PASS FILLET WELDS.	X	--		
3) SINGLE-PASS FILLET WELDS > 5/16"	X	--		
4) PLUG AND SLOT WELDS.	X	--		
5) SINGLE PASS FILLET WELDS ≤ 5/16"	--	X	AWS D1.3	
6) FLOOR AND ROOF DECK WELDS.	--	X		
B. REINFORCING STEEL:				
1) VERIFICATION OF WELDABILITY OF REINFORCING STEEL OTHER THAN ASTM A 706.	--.	--.	AWS D1.4 ACI 318: 3.5.2	--
2) REINFORCING STEEL—RESISTING FLEXURAL AND AXIAL FORCES IN INTERMEDIATE AND SPECIAL MOMENT FRAMES, AND BOUNDARY ELEMENTS OF SPECIAL STRUCTURAL WALLS AND SHEAR REINFORCEMENT.	--.	--.		
3) SHEAR REINFORCEMENT.	--.	--.		
4) OTHER REINFORCING STEEL.	--.	--.		
6. INSPECTION OF STEEL FRAME JOINT DETAILS FOR COMPLIANCE:				
A. DETAILS SUCH AS BRACING AND STIFFENING.	--.	--.	--	1704.3.2
B. MEMBER LOCATIONS.	--.	--.		
C. APPLICATION OF JOINT DETAILS AT EACH CONNECTION.	--.	--.		

FOR SI: 1 INCH = 25.4 MM
a. WHERE APPLICABLE, SEE ALSO SECTION 1707.1, SPECIAL INSPECTION FOR SEISMIC RESISTANCE.


TABLE 1705.6—REQUIRED VERIFICATION AND INSPECTION OF SOILS

VERIFICATION AND INSPECTION TASK	CONTINUOUS DURING TASK LISTED	PERIODICALLY DURING TASK LISTED
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY.	--	X
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL.	--	X
3. PERFORM CLASSIFICATION AND TESTING OF COMPACTED FILL MATERIALS.	--	X
4. VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL.	X	--
5. PRIOR TO PLACEMENT OF COMPACTED FILL, OBSERVE SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY.	--	X

SPECIAL INSPECTION TABLES

FILE: VTSV ADMINISTRATION BUILDING
VILLAGE OF TAOS SKI VALLEY, NM

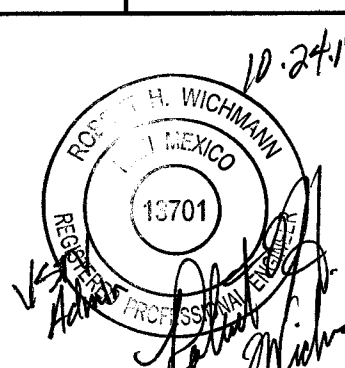
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