STATEM		SPECTIONS - STE	EL CONSTRUCTION -
REFERENCE			: 360 (2016), RCSC (2020)
	INSPEC	<u> </u>	
SYSTEM OR MATERIAL	CODE OR STANDARD REFERENCE	FREQUENCY	REMARKS
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	AISC 360 N5, RCSC 2.1, 9.1	PERIODIC	PRIOR TO BOLTING, SEE STATEMENT OF SPECIAL INSPECTIONS FOR STRUCTURAL STEEL MATERIALS. (S000-001-0210)
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	AISC 360 N5, ASTM F3125, RCSC 2.1	PERIODIC	PRIOR TO BOLTING. INSPECT BOLTING COMPONENTS AND ASSEMBLIES PER RCSC 2
PROPER FASTENERS SELECTED FOR JOINT DETAIL	AISC 360 N5, ASTM F3125, RCSC 2.1	PERIODIC	PRIOR TO BOLTING, INSPECT GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE
PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	AISC 360 N5, ASTM F3125, RCSC 9	PERIODIC	PRIOR TO BOLTING, CONFIRM BOLTING PROCEDURE WITH CONSTRUCTION DOCUMENTS
CONNECTING ELEMENTS	AISC 360 N5, ASTM F3125, RCSC 9	PERIODIC	PRIOR TO BOLTING, VERIFY APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS
PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER COMPONENTS	AISC 360 N5, ASTM F3125, RCSC 2.10		PRIOR TO BOLTING, CONFIRM STORAGE OF BOLTING COMPONENTS AND ASSEMBLIES ARE IN ACCORDANCE WITH RCSC 2.10.
SYSTEM OR MATERIAL	CODE OR STANDARD REFERENCE	FREQUENCY EACH	REMARKS
PRE-INSTALLATION VERIFICATION OF PRETENSIONED HIGH-STRENGTH BOLTS	AISC 360 N5, ASTM F3125, RCSC 7	GROUPING OF DIAMETER, LENGTH, GRADE AND LOT TO BE	PRIOR TO BOLTING, TEST NOT FEWER THAN THREE COMPLETE BOLT ASSEMBLIES OF EACH COMBINATION PRIOR TO PLACEMENT OF VERIFIED LOTS IN THE WORK
	INSPEC	TION	
SYSTEM OR MATERIAL	CODE OR STANDARD REFERENCE	FREQUENCY	REMARKS
FASTENER ASSEMBLIES OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED	AISC 360 N5, ASTM F3125, RCSC 9	PERIODIC	DURING BOLTING, VERIFY BOLTING ASSEMBLIES ARE PLACED IN ACCORDANCE WITH RCSC 9
JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO PRETENSIONING OPERATION	AISC 360 N5, ASTM F3125, RCSC 9	PERIODIC	DURING BOLTING, VERIFY CONDITION ACHIEVED IN ACCORDANCE WITH RCSC 9
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	AISC 360 N5, ASTM F3125, RCSC 8.2	PERIODIC	DURING BOLTING, VERIFY CONDITION ACHIEVED IN ACCORDANCE WITH RCSC 8.2
PROGRESSION OF BOLT PRE-TENSIONING	AISC 360 N5, ASTM F3125, RCSC 8	PERIODIC	DURING BOLTING, VERIFY BOLTS ARE PRETENSIONED PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES IN ACCORDANCE WITH RCSC 8
DOCUMENT ACCEPTANCE OR REJECTION OF ALL BOLTED CONNECTIONS	AISC 360 N5, ASTM F3125, RCSC 2.1	CONTINUOUS	AFTER BOLTING, DOCUMENT THE ACCEPTANCE OR REJECTION OF THE BOLTED CONNECTIONS INCLUDING LOCATION AND BASIS OF REJECTION IN ACCORDANCE AISC
SNUG-TIGHT HIGH-STRENGTH BOLT INSTALLATION	AISC 360 N5, ASTM F3125, RCSC 9	PERIODIC	ALL CONNECTIONS VISUALLY INSPECTED. IN ACCORDANCE WITH RCSC 9.2
PRETENSIONED AND SLIP-CRITICAL HIGH-STRENGTH BOLT INSTALLATION USING TURN-OF-THE-NUT METHOD WITH MATCHMARKING TECHNIQUES, DIRECT-TENSION-INDICATOR	AISC 360 N5, ASTM F3125, RCSC 9	PERIODIC	INSPECT CONNECTION PER RCSC 9.2.1 FOR TURN-OF-NUT METHOD. INSPECT CONNECTION PER RCSC 9.2.3 FOR TWIST-OFF TENSION CONTROL BOLT METHOD. INSPECT CONNECTION PER RCSC 9.2.4 FOR DIRECT TENSION INDICATOR
PRETENSIONED AND SLIP-CRITICAL HIGH-STRENGTH BOLT INSTALLATION USING TURN-OF-THE-NUT METHOD WITH MATCHMARKING OR CALIBRATE	AISC 360 N5, ASTM F3125 RCSC 9	CONTINUOUS	INSPECT CONNECTION PER RCSC 9.2.1 FOR TURN-OF-NUT METHOD. INSPECT CONNECTION PER RCSC 9.2.2 FOR CALIBRATED WRENCH METHOD.
STATEM			EL CONSTRUCTION -
	S: IBC (2021) SECTIC		G 360 (2016)*, RCSC (2020)* UCTURAL STAINLESS STEEL
"IN ACCORDANC	E WITH AISC DESIG		OCTURAL STAINLESS STEEL
SYSTEM OR MATERIAL	CODE OR STANDARD REFERENCE	FREQUENCY	REMARKS
MANUFACTURER'S		. NEQUEINOT	PRIOR TO BOLTING, SEE STATEMENT OF

BOLT INSTALLATION USING TURN-OF-THE-NUT METHOD WITH MATCHMARKING OR CALIBRATE	AISC 360 N5, ASTM F3125 RCSC 9	CONTINUOUS	TURN-OF-NUT METHOD. INSPECT CONNECTION PER RCSC 9.2.2 FOR CALIBRATED WRENCH METHOD.
STATEM			EL CONSTRUCTION -
DEFEDENCE		SS STEEL BOLTIN	
REFERENCES: IBC (2021) SECTION 1705 *IN ACCORDANCE WITH AISC DESIGN GUID INSPECTION			UCTURAL STAINLESS STEEL
SYSTEM OR MATERIAL	CODE OR STANDARD REFERENCE	FREQUENCY	REMARKS
MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	AISC 360 N5, RCSC 2.1, 9.1	PERIODIC	PRIOR TO BOLTING, SEE STATEMENT OF SPECIAL INSPECTIONS FOR STRUCTURAL STEEL MATERIALS (S000-001-0211)
FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	AISC 360 N5, ASTM F593, RCSC 2.1	PERIODIC	PRIOR TO BOLTING, INSPECT BOLTING COMPONENTS AND ASSEMBLIES PER RCSC 2
PROPER FASTENERS SELECTED FOR JOINT DETAIL	AISC 360 N5, ASTM F593, RCSC 2.1	PERIODIC	PRIOR TO BOLTING, INSPECT GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE
PROPER BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	AISC 360 N5, ASTM F593, RCSC 9	PERIODIC	PRIOR TO BOLTING, CONFIRM BOLTING PROCEDURE WITH CONSTRUCTION DOCUMENTS
CONNECTING ELEMENTS	AISC 360 N5, ASTM F593, RCSC 9	PERIODIC	PRIOR TO BOLTING, VERIFY APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS
PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER COMPONENTS	F593, RCSC 9  AISC 360 N5, ASTM F593, RCSC 2.10  PERIODIC		PRIOR TO BOLTING, CONFIRM STORAGE OF BOLTING COMPONENTS AND ASSEMBLIES ARE IN ACCORDANCE WITH RCSC 2.10
SYSTEM OR MATERIAL	CODE OR STANDARD REFERENCE	NG FREQUENCY	REMARKS
PRE-INSTALLATION VERIFICATION OF PRETENSIONED HIGH-STRENGTH BOLTS	F3125, RCSC 7	EACH GROUPING OF DIAMETER, LENGTH, GRADE AND LOT TO BE USED IN THE WORK	PRIOR TO BOLTING, TEST NOT FEWER THAN THREE COMPLETE BOLT ASSEMBLIES OF EACH COMBINATION PRIOR TO PLACEMENT OF VERIFIED LOTS IN THE WORK
	INSPEC	TION	
SYSTEM OR MATERIAL	CODE OR STANDARD REFERENCE	FREQUENCY	REMARKS
FASTENER ASSEMBLIES OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS (IF REQUIRED) ARE POSITIONED AS REQUIRED	AISC 360 N5, ASTM F593, RCSC 9	PERIODIC	DURING BOLTING, VERIFY BOLTING ASSEMBLIES ARE PLACED IN ACCORDANCE WITH RCSC 9
JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO PRETENSIONING OPERATION	AISC 360 N5, ASTM F593, RCSC 9	PERIODIC	DURING BOLTING, VERIFY CONDITION ACHIEVED IN ACCORDANCE WITH RCSC 9
FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	AISC 360 N5, ASTM F593, RCSC 8.2	PERIODIC	DURING BOLTING, VERIFY CONDITION ACHIEVED IN ACCORDANCE WITH RCSC 8.2
PROGRESSION OF BOLT PRE-TENSIONING	AISC 360 N5, ASTM F593, RCSC 8	PERIODIC	DURING BOLTING, VERIFY BOLTS ARE PRETENSIONED PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE
DOCUMENT ACCEPTANCE OR REJECTION OF ALL BOLTED CONNECTIONS	AISC 360 N5, ASTM F593, RCSC 2.1	CONTINUOUS	AFTER BOLTING, DOCUMENT THE ACCEPTANCE OR REJECTION OF THE BOLTED CONNECTIONS INCLUDING LOCATION AND BASIS OF REJECTION IN ACCORDANCE AISC
SNUG-TIGHT HIGH-STRENGTH BOLT INSTALLATION	AISC 360 N5, ASTM F593, RCSC 9	PERIODIC	ALL CONNECTIONS VISUALLY INSPECTED. IN ACCORDANCE WITH RCSC 9.2
PRETENSIONED AND SLIP-CRITICAL HIGH-STRENGTH BOLT INSTALLATION USING TURN-OF-THE-NUT METHOD WITH MATCHMARKING TECHNIQUES, DIRECT-TENSION-INDICATOR	AISC 360 N5, ASTM F593, RCSC 9	PERIODIC	INSPECT CONNECTION PER RCSC 9.2.1 FOR TURN-OF-NUT METHOD INSPECT CONNECTION PER RCSC 9.2.3 FOR TWIST-OFF TENSION CONTROL BOLT METHOD INSPECT CONNECTION PER RCSC 9.2.4 FOR DIRECT TENSION INDICATOR METHOD
PRETENSIONED AND SLIP-CRITICAL HIGH-STRENGTH BOLT INSTALLATION USING TURN-OF-THE-NUT METHOD WIT	AISC 360 N5, ASTM F593, RCSC 9	CONTINUOUS	INSPECT CONNECTION PER RCSC 9.2.1 FOR TURN-OF-NUT METHOD INSPECT CONNECTION PER RCSC 9.2.2 FOR CALIBRATED WRENCH METHOD

REFERENCES:		· · · · · · · · · · · · · · · · · · ·	CK 1.3 (2018), SDI QA/QC (2017)
SYSTEM OR MATERIAL	CODE OR STANDARD	FREQUENCY	REMARKS
DECK AND DECK ACCESSORY MATERIAL COMPLIANCE	VALID AND APPROVED ICC-ES REPORT, SDI QA/QC 6	PERIODIC	PRIOR TO DECK PLACEMENT, VERIFY COMPLIANCE OF MATERIALS (DECK AND A DECK ACCESSORIES) WITH CONSTRUCTION DOCUMENTS, INCLUDING PROFILES, MATERIAL PROPERTIES, AND BASE METAL THICKNESS. SEE STATEMENT OF SPECIAL
DOCUMENT ACCEPTANCE OR REJECTION OF DECK AND DECK ACCESSORIES MATERIAL	VALID AND APPROVED ICC-ES REPORT, SDI QA/QC 6	PERIODIC	PRIOR TO DECK PLACEMENT, DOCUMENT THE ACCEPTANCE OR REJECTION OF DECAND DECK ACCESSORIES MATERIALS INCLUDING BASIS OF REJECTION.
DECK AND ALL DECK ACCESSORIES INSTALLATION	VALID AND APPROVED ICC-ES REPORT, SDI QA/QC 6	PERIODIC	AFTER DECK PLACEMENT, VERIFY COMPLIANCE OF DECK AND ALL DECK ACCESSORIES INSTALLATION WITH CONSTRUCTION DOCUMENTS.
DECK MATERIAL MILL CERTIFICATION	VALID AND APPROVED ICC-ES REPORT, SDI QA/QC 6	PERIODIC	AFTER DECK PLACEMENT, VERIFY DECK MATERIALS ARE REPRESENTED BY THE N CERTIFICATIONS THAT COMPLY WITH THE CONSTRUCTION DOCUMENTS.
DOCUMENT ACCEPTANCE OR REJECTION OF INSTALLATION OF DECK AND DECK ACCESSORIES	VALID AND APPROVED ICC-ES REPORT, SDI QA/QC 6	PERIODIC	AFTER DECK PLACEMENT, DOCUMENT TH ACCEPTANCE OR REJECTION OF DECK AL DECK ACCESSORIES INSTALLATION INCLUDING LOCATION AND BASIS OF
WELDING PROCEDURE SPECIFICATION (WPS) AVAILABILITY	AWS D1.3 8, SDI QA/QC 6	PERIODIC	PRIOR TO WELDING, VERIFY THAT SHEET STEEL WPS CONFORMING TO THE JOINT CONNECTION REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS ARE
WELDING CONSUMABLE CERTIFICATION AVAILABILITY	AWS D1.3 8, SDI QA/QC 6	PERIODIC	PRIOR TO WELDING, VERIFY MANUFACTURER'S CERTIFICATIONS FOR WELDING CONSUMABLES ARE AVAILABLE
WELDING CONSUMABLE MATERIAL IDENTIFICATION	AWS D1.3 8, SDI QA/QC 6	PERIODIC	PRIOR TO WELDING, VERIFY WELDING CONSUMABLE TYPE AND GRADE BY MATERIAL IDENTIFICATION. SEE STATEME OF SPECIAL INSPECTIONS FOR STEEL
WELDING EQUIPMENT	AWS D1.3 8, SDI QA/QC 6	PERIODIC	PRIOR TO WELDING, VERIFY WELDING EQUIPMENT CAN PERFORM THE REQUIREMENTS OF THE WPS.
USE OF QUALIFIED WELDERS	AWS D1.3 8, SDI QA/QC 6	PERIODIC	DURING WELDING, VERIFY WELDING PERFORMED BY WELDERS AND WELDING OPERATORS WHO ARE QUALIFIED IN CONFORMANCE WITH REQUIREMENTS. INSPECT QUALIFICATION CARDS.
CONTROL AND HANDLING OF WELDING CONSUMABLES ENVIRONMENTAL CONDITIONS	AWS D1.3 8, SDI QA/QC 6	PERIODIC	DURING WELDING, INSPECT PACKAGING ELECTRODE ATMOSPHERIC EXPOSURE CONTROL.  DURING WELDING, VERIFY WIND SPEED,
(WIND SPEED, MOISTURE, TEMPERATURE)	AWS D1.3 8, SDI QA/QC 6	PERIODIC	PRECIPITATION AND TEMPERATURE WITH WELDING ENVIRONMENT LIMITS.  DURING WELDING, VERIFY SETTINGS ON
WPS FOLLOWED	AWS D1.3 8, SDI QA/QC 6	PERIODIC	WELDING EQUIPMENT TRAVEL SPEED, SELECTED WELDING MATERIALS, SHIELD GAS TYPE/FLOW RATE, PREHEAT APPLIE INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.), PROPER POSITION (F, V, H, O
SIZE AND LOCATION OF WELDS, INCLUDING SUPPORT, SIDELAP, AND PERIMETER WELDS	AWS D1.3 8, SDI QA/QC 6	CONTINUOUS	AFTER WELDING, VERIFY SIZE, LENGTH, A LOCATION OF ALL WELDS CONFORM TO REQUIREMENTS OF THE DETAIL DRAWING ALL WELDS TO BE VISUALLY INSPECTED AWS D1.3 8.1.
WELDS MEET VISUAL ACCEPTANCE CRITERIA	AWS D1.3 8, SDI QA/QC 6	CONTINUOUS	AFTER WELDING, VERIFY CRACK PROHIBITION, WELD/BASE-METAL FUSION CRATER CROSS SECTION, WELD PROFILE WELD SIZE AND UNDERCUT POROSITY. A
VERIFY WELDING REPAIR ACTIVITIES	AWS D1.3 8, SDI QA/QC 6	CONTINUOUS	AFTER WELDING, VERIFY REPAIRS ARE IN COMPLIANCE WITH AWS D.1.3.
DOCUMENT ACCEPTANCE OR REJECTION OF WELDS	AWS D1.3 8, SDI QA/QC 6	PERIODIC	AFTER WELDING, DOCUMENT THE ACCEPTANCE OR REJECTION OF WELDS INCLUDING LOCATION AND BASIS OF
MECHANICAL FASTENER MANUFACTURER INSTALLATION INSTRUCTIONS AVAILABILITY	VALID AND APPROVED ICC-ES REPORT, SDI QA/QC 6	PERIODIC	BEFORE MECHANICAL FASTENING, , VERI VALID AND APPROVED ICC-ES REPORT MANUFACTURER INSTALLATION INSTRUCTIONS FOR FASTENERS REQUIR BY THE CONSTRUCTION DOCUMENTS AR
PROPER FASTENER INSTALLATION TOOL AVAILABILITY	VALID AND APPROVED ICC-ES REPORT, SDI QA/QC 6	PERIODIC	BEFORE MECHANICAL FASTENING, VERIF INSTALLATION TOOLS FOR FASTENERS REQUIRED BY THE ICC-ES REPORT ARE AVAILABLE.
FASTENER POSITIONING	VALID AND APPROVED ICC-ES REPORT, SDI QA/QC 6	CONTINUOUS	DURING MECHANICAL FASTENING, VERIF POSITION OF ALL FASTENERS CONFORM THE REQUIREMENTS OF THE CONSTRUC DOCUMENTS AND ARE IN CONFORMANCE WITH THE ICC-ES REPORT.
FASTENER INSTALLATION COMPLIANCE WITH MANUFACTURER'S INSTRUCTIONS	VALID AND APPROVED ICC-ES REPORT, SDI QA/QC 6	CONTINUOUS	DURING MECHANICAL FASTENING, VERIF INSTALLATION OF FASTENERS IS IN CONFORMANCE WITH THE ICC-ES REPOR FOR FASTENERS REQUIRED BY THE
SUPPORT, PERIMETER AND SIDELAP FASTENER INSTALLATION	VALID AND APPROVED ICC-ES REPORT, SDI QA/QC 6	CONTINUOUS	AFTER MECHANICAL FASTENING, VERIFY TYPE, SIZE, LENGTH, SPACING, EDGE DISTANCE, MATERIAL, FINISH AND INSTALLATION OF ALL FASTENERS IS IN CONFORMANCE WITH THE ICC-ES REPOFFOR FASTENERS REQUIRED BY THE
VERIFY MECHANICAL FASTENER REPAIR ACTIVITIES	VALID AND APPROVED ICC-ES REPORT, SDI QA/Q	CONTINUOUS	
DOCUMENT ACCEPTANCE OR REJECTION OF MECHANICAL FASTENERS	VALID AND APPROVED ICC-ES REPORT, SDI QA/QC 6		AFTER MECHANICAL FASTENING, DOCUM THE ACCEPTANCE OR REJECTION OF MECHANICAL FASTENERS INCLUDING LOCATION AND BASIS OF REJECTION.

REFERENCES	, ,	•	IG 60 (2016), AWS D1.6 (2017)		
	INSPEC CODE OR	TION			
SYSTEM OR MATERIAL VERIFY THAT THE WELDING	STANDARD REFERENCE FREQUENCY		REMARKS		
PROCEDURES SPECIFICATION (WPS) IS AVAILABLE	AISC 360 N5, AWS D1.6 8.3	PERIODIC	PRIOR TO WELDING, INSPECT COPY OF WELDING PROCEDURE SPECIFICATIONS		
VERIFY MANUFACTURER CERTIFICATIONS FOR WELDING CONSUMABLES ARE AVAILABLE	AISC 360 N5, AWS D1.6 8.2	PERIODIC	PRIOR TO WELDING, SEE STATEMENT OF SPECIAL INSPECTIONS FOR STAINLESS S MATERIALS (S000-001-0210)		
VERIFY MATERIAL IDENTIFICATION	AISC 360 N5, AWS D1.6 8.2	PERIODIC	PRIOR TO WELDING, VERIFY TYPE AND GRADE BY MANUFACTURER'S CERTIFICA		
WELDER IDENTIFICATION SYSTEM	AISC 360 N5, AWS D1.6 8.4	PERIODIC	PRIOR TO WELDING, VERIFY THAT THE FABRICATOR OR ERECTOR, HAS A MAINTAINED SYSTEM BY WHICH A WELDI WHO HAS WELDED A JOINT OR MEMBER BE IDENTIFIED. STAMPS, IF USED, SHALL THE LOW-STRESS TYPE		
FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)	AISC 360 N5, AWS D1.6 8.5	CONTINUOUS	PRIOR TO WELDING, VERIFY PROPER WEUSAGE FOR JOINT. VERIFY PREPARATION WELDED JOINT DIMENSIONS (ALIGNMEN' ROOT OPENING, ROOT FACE, BEVEL), CLEANLINESS (CONDITION OF STEEL SURFACES), TACKING (TACK WELD QUAL AND LOCATION), BACKING TYPE AND FIT		
CONFIGURATION AND FINISH OF ACCESS HOLES	AISC 360 J1.6, AWS D1.6 7.4	CONTINUOUS	PRIOR TO WELDING, VERIFY PROPER WE USAGE FOR JOINT. VERIFY PREPARATION WELDED JOINT DIMENSIONS AND FINISH		
FIT-UP OF FILLET WELDS	AISC 360 N5, AWS D1.6 8.5	PERIODIC AT 5/16" FILLET OR LESS. CONTINUOUS AT GREATER THAN 5/16"	PRIOR TO WELDING, VERIFY PROPER WEUSAGE FOR JOINT. VERIFY PREPARATION WELDED JOINT DIMENSIONS (ALIGNMENGAPS AT ROOT), CLEANLINESS (CONDITION STEEL SURFACES), TACKING (TACK WOUALITY AND LOCATION)		
USE OF QUALIFIED WELDERS	AISC 360 N5, AWS D1.6 8.4	PERIODIC	DURING WELDING. VERIFY WELDING PERFORMED BY WELDERS, WELDING OPERATORS, AND TACK WELDERS WHO QUALIFIED IN CONFORMANCE WITH REQUIREMENTS. INSPECT QUALIFICATIO		
CONTROL AND HANDLING OF WELDING CONSUMABLES	AISC 360 N5, AWS D1.6 7.3	PERIODIC	DURING WELDING. INSPECT PACKAGING ELECTRODE ATMOSPHERIC EXPOSURE CONTROL		
ENVIRONMENTAL CONDITIONS	AISC 360 N5, AWS D1.6 7.11	PERIODIC	DURING WELDING, VERIFY WIND SPEED, PRECIPITATION AND TEMPERATURE WITH WELDING ENVIRONMENT LIMITS		
WELDING PROCEDURES SPECIFICATION FOLLOWED	AISC 360 N5, AWS D1.6 8.3	PERIODIC	DURING WELDING, VERIFY SETTINGS ON WELDING EQUIPMENT TRAVEL SPEED, SELECTED WELDING MATERIALS, SHIELD GAS TYPE/FLOW RATE, PREHEAT APPLIE INTERPASS TEMPERATURE MAINTAINED (MIN./MAX.), PROPER POSITION (F, V, H, C AND INTERMIX OF FILLER METALS AVOID		
WELDING TECHNIQUES	AISC 360 N5, AWS D1.6 8.3	PERIODIC	DURING WELDING, VERIFY WELD INTERP AND FINAL CLEANING, EACH PASS WITHII PROFILE LIMITATIONS AND EACH PASS MEETS QUALITY REQUIREMENTS. ALL WE TO BE VISUALLY INSPECTED PER AWS DO 8.5 AND IN ACCORDANCE WITH TABLE 8.2		
WELDS CLEANED	AISC 360 N5, AWS D1.6 7.20, 8.5	PERIODIC	AFTER WELDING, VERIFY IN-PROCESS AN COMPLETED WELDS HAVE BEEN CLEANE ACCORDANCE WITH AWS D1.6		
SIZE, LENGTH, AND LOCATION OF ALL WELDS	·	CONTINUOUS	AFTER WELDING, VERIFY SIZE, LENGTH, LOCATION OF ALL WELDS CONFORM TO REQUIREMENTS OF THE DETAIL DRAWIN ALL WELDS TO BE VISUALLY INSPECTED AWS D1.6 8.5 AND IN ACCORDANCE WITH TABLE 8.1 VISUAL INSPECTION ACCEPTA		
WELDS MEET VISUAL ACCEPTANCE CRITERIA	AISC 360 N5, AWS D1.6 8.5	CONTINUOUS	AFTER WELDING, VERIFY CRACK PROHIBITION, WELD/BASE-METAL FUSIOI CRATER CROSS SECTION, WELD PROFILI WELD SIZE AND UNDERCUT POROSITY. A WELDS TO BE VISUALLY INSPECTED PER D1.6 8.5 AND IN ACCORDANCE WITH TABI		
ARC STRIKES	AISC 360 N5, AWS D1.6 7.19	CONTINUOUS	AFTER WELDING, VERIFY COMPLIANCE V		
K-AREA	AISC 360 J10.8, N5	CONTINUOUS	AFTER WELDING, VERIFY WELDING OF DOUBLER PLATES, CONTINUITY PLATES STIFFENERS HAS BEEN PERFORMED IN T K-AREA, VISUALLY INSPECT THE WEB K-A		
BACKING REMOVED, WELD TABS REMOVED AND FINISHED, AND FILLET WELDS ADDED WHERE	AISC 360 N5, AWS D1.6 7.9, 7.21	CONTINUOUS	AFTER WELDING, VERIFY COMPLIANCE W AWS D.1.6 7.9 AND 7.21		
REPAIR ACTIVITIES	AISC 360 N5, AWS D1.6 7.21	CONTINUOUS	AFTER WELDING, VERIFY REPAIRS ARE I COMPLIANCE WITH AWS D.1.6 7.21		
DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	AISC 360 N5, AWS D1.6 8.5	CONTINUOUS	AFTER WELDING. MAINTAIN RECORDS IN ACCORDANCE WITH AWS D1.6 8.5		
QUALIFIED NONDESTRUCTIVE TESTING PERSONNEL	AISC 360 N5, AWS D1.6 8.1	PERIODIC	VERIFY THAT VISUAL WELD INSPECTION NONDESTRUCTIVE TESTING (NDT) IS CONDUCTED BY PERSONNEL QUALIFIED ACCORDANCE WITH AWS D1.6 8.1		
CJP GROOVE WELDS	AISC 360 N5, AWS D1.6 8.5	CONTINUOUS	DYE PENETRANT TESTING (DT) AND ULTRASONIC TESTING (UT) SHALL BE PERFORMED ON 100% OF CJP GROOVE WELDS FOR MATERIALS GREATER THAN		
WELDED JOINTS SUBJECT TO FATIGUE	AISC 360 N5, AWS D1.6 8.5	CONTINUOUS	DYE PENETRANT TESTING (DT) AND ULTRASONIC TESTING (UT) SHALL BE PERFORMED ON 100% OF WELDED JOINT IDENTIFIED ON CONTRACT DRAWINGS AS		
	AISC 360 N5, AWS	CONTINUOUS	AT THE END OF WELDS WHERE WELD TA HAVE BEEN REMOVED, MAGNETIC PARTI TESTING SHALL BE PERFORMED ON THE SAME BEAM-TO-COLUMN JOINTS RECEIV		

			EISMIC RESISTANCE -
	•		CAL COMPONENTS 13.6, ASCE 7 (2016)
SYSTEM OR MATERIAL	INSPECTOR OF STANDARD REFERENCE		
ANCHORAGE OF ELECTRICAL EQUIPMENT FOR EMERGENCY AND STANDBY POWER SYSTEMS	IBC 1705.13.6, ASCE 7 13.2.1	PERIODIC	PER IBC 1704.3.2, CHECK THE FOLLOWING IDENTIFIED SYSTEMS FOR GENERAL CONFORMANCE AND VERIFY THAT THE LABEL, ANCHORAGE, OR MOUNTING CONFORMS WITH THE CERTIFICATE OF COMPLIANCE (NOTE: THIS IS NOTE COMPREHENSIVE LIST): ELECTRICAL GENERATOR, TURBING AND FUEL TANKS. UNINTERRUPTED POWER SOURCE (UPS) SYSTEM AND ASSOCIATED BATTERIES. AUTOMATIC TRANSFER SWITCHES.
VERIFICATION OF			
CLEARANCE BETWEEN FIRE SPRINKLER PIPING AND SURROUNDING MECHANICAL AND ELECTRICAL EQUIPMENT, INCLUDING DUCTWORK, PIPING AND THEIR	IBC 1705.13.6, ASCE 7 13.2.1	PERIODIC	CHECK FOR GENERAL CONFORMANCE AND VERIFY THAT THE LABEL, ANCHORAGE, OR MOUNTING CONFORMS WITH THE CERTIFICATE OF COMPLIANCE.
PLUMBING, MECHANICAL AND ELECTRICAL NONSTRUCTURAL COMPONENT CERTIFICATE OF COMPLIANCE FOR SEISMIC QUALIFICATION	ASCE 7 13.2.1, IBC 1705.14.2, 1705.15	PERIODIC	NONSTRUCTURAL COMPONENT, SUPPORTS AND ATTACHMENT MANUFACTURER TO MEET SEISMIC QUALIFICATION AS ESTABLISHED CONSTRUCTION DOCUMENTS IN ACCORDANCE WITH ASCE 7 SECTION 13.2.1. SPECIAL INSPECTOR TO VERIFY NONSTRUCTURAL COMPONENT IS IN ACCORDANCE WITH CERTIFICATE OF COMPLIANC FOR SEISMIC QUALIFICATION SUBMITTED TO THE BUILDING
ANCHORAGE OF ALL OTHER MECHANICAL, ELECTRICAL AND PLUMBING COMPONENTS AND EQUIPMENT REQUIRING SEISMIC QUALIFICATION IN ACCORDANCE WITH ASCE 7	IBC 1705.13.4,		PER IBC 1704.3.2, CHECK THE FOLLOWING IDENTIFIED SYSTEMS FOR GENERAL CONFORMANCE AND VERIFY THAT THE LABEL, ANCHORAGE, OR MOUNTING CONFORMS WITH THE CERTIFICATE OF COMPLIANCE (NOTE: THIS IS NOTALLY OF COMPLIANCE (NOTE: THIS IS NOTALLY OF COMPREHENSIVE LIST): ELEVATOR EQUIPMENT (INCLUDING CABS) SMOKE CONTROL FANS EXHAUST FANS BUILT-UP OR FIELD ASSEMBLED MECHANICAL EQUIPMENT AIR CONDITIONING UNITS AIR HANDLING UNITS CHILLERS COOLING TOWERS DESIGNED AS COMPONENTS VALVES PNEUMATIC OPERATORS HYDRAULIC OPERATORS HOTORS AND MOTOR OPERATORS HORIZONTAL AND VERTICAL PUMPS
13.2.2	ASCE 7 13.2.1	PERIODIC	
	: IBC (2021) SECT INSPE	ION 1705.15, 170	CE AND SMOKE CONTROL SYSTEMS 5.16, 1705.18 AND 1705.19
SYSTEM OR MATERIAL	CODE OR STANDARD REFERENCE	FREQUENCY	REMARKS

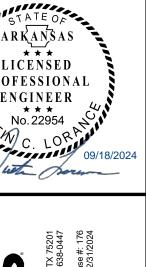
REFERENCES	: IBC (2021) SECTION	ON 1705.15, 1705	5.16, 1705.18 AND 1705.19
	INSPEC	CTION	
SYSTEM OR MATERIAL	CODE OR STANDARD REFERENCE	FREQUENCY	REMARKS
SPRAY FIRE-RESISTANT MATERIALS (SFRM) SUBSTRATE CONDITION	IBC 1705.15.2	PERIODIC	PRIOR TO APPLICATION, CONFIRM THAT SURFACES HAVE BEEN PREPARED ACCORDING TO THE APPROVED FIRE-RESISTANCE DESIGN AND MANUFACTURER'S INSTRUCTIONS.
SPRAY FIRE-RESISTANT MATERIALS (SFRM) MATERIAL THICKNESS	IBC 1705.15.4	PERIODIC	VERIFY SFRM THICKNESS ACCORDING TO IBC 1705.15.4.
SPRAY FIRE-RESISTANT MATERIALS (SFRM) MATERIAL DENSITY	IBC 1705.15.5	PERIODIC	VERIFY SFRM DENSITY ACCORDING TO IBC 1705.15.5.
SPRAY FIRE-RESISTANT MATERIALS (SFRM) BOND STRENGTH	IBC 1705.15.6	PERIODIC	VERIFY BOND STRENGTH OF CURED SFRM ACCORDING TO IBC 1705.15.6.
MASTIC AND INTUMESCENT FIRE-RESISTANT COATINGS	AWCI 12-B, IBC 1705.16	PERIODIC	DURING CONSTRUCTION, INSPECTIONS SHALL BE PERFORMED IN ACCORDANCE WITH AWCI 12-B, STANDARD PRACTICE FOR THE TESTING AND INSPECTION OF FIELD APPLIED THIN FILM INTUMESCENT FIRE-RESISTIVE MATERIALS. ADDITIONAL VISUAL INSPECTION SHALL BE PERFORMED AFTER ROUGH INSTALLATION AND, WHERE APPLICABLE, PRIOR TO CONCEALMENT OF ELECTRICAL, AUTOMATIC SPRINKLER, MECHANICAL AND PLUMBING SYSTEMS.
FIRE-RESISTANT PENETRATIONS	IBC 1705.18, ASTM E 2174	PERIODIC	INSPECTIONS OF PENETRATION FIRESTOP SYSTEMS CONDUCTED IN ACCORDANCE WITH ASTM E 2174.
FIRE-RESISTANT JOINTS	IBC 1705.18, ASTM E 2393	PERIODIC	INSPECTIONS OF FIRE-RESISTANT JOINT SYSTEMS CONDUCTED IN ACCORDANCE WITH ASTM E 2393.
SMOKE CONTROL DEVICE LOCATIONS AND LEAKAGE FESTING	IBC 1705.19	PERIODIC	VERIFY DEVICE LOCATIONS AND PERFORM LEAKAGE TESTING. PERFORM DURING ERECTION OF DUCTWORK AND PRIOR TO CONCEALMENT.
SMOKE CONTROL DEVICE PRESSURE DIFFERENCE FESTING, FLOW MEASUREMENTS AND DETECTION AND CONTROL /ERIFICATION	IBC 1705.19	PERIODIC	PERFORM PRIOR TO OCCUPANCY AND AFTER SUFFICIENT COMPLETION.











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