INTERRUPTING RATING & SHORT-CIRCUIT CURRENT RATING INSPECTION FORM

ISSUED BY	·			
(NEC) requir	ements for interrupting ratings, short-circuit current ratings and the marking requireme			
JOB #:	NAME:			
LOCATION:	FIRM:			
	requirements for interrupting ratings, short-circuit current ratings and the marking requirements for available fault found in Articles 100, 110, 230, 285, 409, 430, 440, 670, and 705. NAME:			
ratings of eq busway, mo	uipment. In addition to the requirements listed below, other equipment, such as pane for control centers, disconnects, automatic transfer switches and fire pump controllers -circuit current ratings in accordance with NEC 110.3(B) and 110.10 as shown below.	lboards should	s, switc d be ver	hboards, rified for
Interrupting				
ARTICLE 10	00 – DEFINITIONS			
Interrupting conditions.	Rating. The highest current at rated voltage that a device is identified to interrupt un	der sta	ndard t	est
			h an ap	paratus or
Verify Prop	COMPLIANCE CHECKLIST eral sections in the Code require proper interrupting rating of overcurrent protective devices and short-circuit current go of equipment. In addition to the requirements listed below, other equipment, such as panelboards, switchboards, way, motor control centers, disconnects, automatic transfer switches and fire pump controllers should be verified for per short-circuit current ratings in accordance with NEC 110.3(8) and 110.10 as shown below. **Trupting Rating and Short-Circuit Current Rating** **Trupting Rating.** The highest current at rated voltage that a device is identified to interrupt under standard test attions. **Trupting Rating.** The highest current at rated voltage that a device is identified to interrupt under standard test attions. **Trupting Rating.** The prospective symmetrical fault current at a nominal voltage to which an apparatus or em is able to be connected without sustaining damage exceeding defined acceptance criteria. **Trupting Rating.** The prospective symmetrical fault current at a nominal voltage to which an apparatus or em is able to be connected without sustaining damage exceeding defined acceptance criteria. **Trupting Rating.** Returns the prospective symmetrical fault current at a nominal voltage to which an apparatus or em is able to be connected without sustaining damage exceeding defined acceptance criteria. **Trupting Proper Interrupting Rating.** Short-Circuit Current Ratings and Available Fault Current Marking** **Trupting Rating.** Returns the prospective devices and accordance with any instructions included in the listing or labeling. **Trupting Rating.** Requipment intended to interrupt current at a fault levels shall have an interrupting rating not less than the equipment short-circuit voltage and the current that is a valiable at the line terminals of the equipment intended to interrupt current at other than fault levels shall have an interrupting rating and nominal circuit voltage, and the current than fault levels shall have an interr			
ARTICLE 11	0 – REQUIREMENTS FOR ELECTRICAL INSTALLATIONS			
			□ NO	
have is av curr	e an interrupting rating not less than the nominal circuit voltage and the current that vailable at the line terminals of the equipment. Equipment intended to interrupt ent at other than fault levels shall have an interrupting rating at nominal circuit		NO	N/A
Note	e: See NEC 240.86 and 110.22 for requirements where series ratings are used.			
The curr and	overcurrent protective devices, the total impedance, the equipment short-circuit ent ratings, and other characteristics of the circuit to be protected shall be selected coordinated to permit the circuit protective devices used to clear a fault to do so		_	_
(A) I mar inclu	Field Marking. Service equipment in other than dwelling units shall be legibly ked in the field with the maximum available fault current. The field marking(s) shall ude the date the fault current calculation was performed and be of sufficient durability		NO	_
max be v suffi The	imum available fault current at the service, the maximum available fault current shall erified or recalculated as necessary to ensure the service equipment ratings are cient for the maximum available fault current at the line terminals of the equipment.			

ARTICLE 230 – SERVICES				
230.82(3) Meter disconnect switches nominally rated have a short-circuit current rating equal to or greater to current, provided all metal housings and service enclosecordance with Part VII and bonded in accordance v	than the available short-circuit osures are grounded in	YES	NO	N/A
ARTICLE 285 – SURGE-PROTECTIVE DEVICES (SPDS), 1	KV OR LESS			
285.6 Short-Circuit Current Rating. The SPD (surge marked with a short-circuit current rating and shall no system where the available fault current is in excess or requirement shall not apply to receptacles.	t be installed at a point on the	YES	NO	N/A
ARTICLE 409 – INDUSTRIAL CONTROL PANELS				
 409.110(4) Short-circuit current rating of the industrial the following: a. Short-circuit current rating of a listed and labeled b. Short-circuit current rating established utilizing a 	d assembly	YES	NO	N/A
409.22 Short-Circuit Current Rating. An industrial c where the available fault current exceeds its short-circ accordance with 409.110(4).		YES	NO	N/A
ARTICLE 430 – MOTORS, MOTOR CIRCUITS AND CONTR	OLLERS			
430.8 Motor Controllers. A controller shall be marked videntification, the voltage, the current or horsepower rating, and such other necessary data to properly indicate the appl	, the short-circuit current rating,	YES	NO	N/A
ARTICLE 440 – AIR-CONDITIONING AND REFRIGERATING	G EQUIPMENT			
440.4(B) (B) Multimotor and Combination-Load Eq combination-load equipment shall be provided with a the maker's name, the rating in volts, frequency and r supply circuit conductor ampacity, the maximum rating and ground-fault protective device, and the short-circuit controllers or industrial control panel. Exception No. 3: Multimotor and combination-load equattachment-plug-connected equipment, or equipment not be required to be marked with a short-circuit current.	visible nameplate marked with number of phases, minimum g of the branch-circuit short-circuit uit current rating of the motor uipment used in one- and two-fames supplied from a branch circuit pro			
ARTICLE 670 – INDUSTRIAL MACHINERY				
 670.3(A)(4) Short-circuit current rating of the machine on one of the following: a. Short-circuit current rating of a listed and labeled b. Short-circuit current rating established utilizing a 	d assembly	YES	NO	N/A
670.5 Short-Circuit Current Rating. Industrial mache where the available fault current exceeds its short-circuit accordance with 670.3(A)(4).		YES	NO	N/A
ARTICLE 705 – INTERCONNECTED ELECTRIC POWER PI	RODUCTION SOURCES			
705.16 Interrupting and Short-Circuit Current Ration to the contribution of fault currents from all interconne interrupting and short-circuit current ratings of equipments.	cted power sources for the	YES	NO	N/A