CITY OF SACRAMENTO

1231 I Street, Sacramento, CA 95814

Permit No: 0004224
Insp Area: 4

Site Address: 4550 PELL DR SAC
Parcel No: 237-0022-087

Sub-Type: REM
Housing (Y/N): N

CONTRACTOR
EMT CONSTRUC TION
2443 FAIR OAKS BL.
SAC CA

OWNER
EQUITABLE LIFE ASSURANCE SOCIE
8950 CAL CTR DR STE #22
SACRAMENTO CA 95826

ARCHITECT

Nature of Work: PHASE 2 - REMODEL WAREHOUSE TO OFFICE SPACE/NEW FULL HT WALLS/ELECTRICAL

CONSTRUCTION LENDING AGENCY : I hereby affirm under penalty of perjury that there is a construction lending agency for the performance of the work for which this permit is issued (Sec. 3097, Civ. C)

Lender's Name_____ Lender'sAddress_____

LICENSED CONTRACTORS DECLARATION: I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with section 7000) of Division 3 of the Business and Professions Code and my license is in full force and effect.

License Class B License Number 438992 Date 6-21-00 Contractor Signature_____

OWNER-BUILDER DECLARATION: I hereby affirm under penalty of perjury that I am exempt from the contractors License Law for the following reason (Sec. 7031.5, Business and Professions Code; any city or county which requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for such permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors License Law (Chapter 9 (commencing with Section 7000) of Division 8 of the Business and Professions Code) or that he or she is exempt therefrom and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars ($500.00):

____ I, as a owner of the property, or my employees with wages as their sole compensation, will do the work, and the structure is not intended or offered for sale (Sec. 7044, Business and Professional Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who does such work himself or herself or through his/her own employees, provided that such improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the owner-builder will have the burden of proving that he/she did not build or improve for the purpose of sale.)

____ I, as owner of the property, am exclusively contracting with licensed contractors to construct the project (Sec. 7044, Business and Professions Code: The Contractors License Law does not apply to an owner of property who builds or improves thereon, and who contracts for such projects with a contractor(s) licensed pursuant to the Contractors License Law).

____ I am exempt under Sec._____ B & PC for this reason:_____

Date_____ Owner Signature_____

IN ISSUING THIS BUILDING PERMIT, the applicant represents, and the city relies on the representation of the applicant, that the applicant verified all measurements and locations shown on the application or accompanying drawings and that the improvement to be constructed does not violate any law or private agreement relating to permissible or prohibited locations for such improvements. This building permit does not authorize any illegal location of any improvement or the violation of any private agreement relating to location of improvements.

I certify that I have read this application and state that all information is correct. I agree to comply with all city and county ordinances and state laws relating to building construction and herby authorize representative(s) of this city to enter upon the abovementioned property for inspection purposes.

Date 6-21-00 Applicant/Agent Signature_____

WORKER'S COMPENSATION DECLARATION: I hereby affirm under penalty of perjury one of the following declarations:

____ I have and will maintain a certificate of consent to self-insure for workers' compensation as provided for by Section 3700 of the Labor Code, forthe performance of work for which the permit is issued.

EL I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier STATE FUND Policy Number 1342387-99 Exp Date 10/01/2000

____ (This section need not be completed if the permit is for $100 or less) I certify that in the performance of the work for which this permit is issued,I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

Date 6-21-00 Applicant Signature_____

WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS ($100,000) IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST AND ATTORNEY'S FEE.

THIS PERMIT SHALL EXPIRE BY LIMITATION IF WORK IS NOT COMMENCED WITHIN 180 DAYS.

CITY OF SACRAMENTO

CERTIFICATE OF OCCUPANCY

For Information Contact (916) 264-5716

Building Address: 4550 PELL DR #100 Permit No. 00-04224

Building Use: OFFICE Occupancy: F-2

Building Owner: TRINITY PROP. CONSULTANT'S Construction Type: BN

Owner Address: 2535 CAMINO DEL RIO S, SAN DIEGO Sprinkled? [Y] Yes [ ] No

Portion of Building Occupied: SUITE 100 Area: _____ Sq. Ft.

8/16/00 D HAY **DENNIS RICHARDSON**

Date By:Print Sign CITY BUILDING OFFICIAL

[Finaled By: DP,TNG,KLH,SB]

This Certificate, issued pursuant to the requirements of Section 109 of the Uniform Building Code, certifies that at time of issuance the described portion of the building has been inspected for compliance with the Uniform Building Code, as adopted per Title 9 of the Sacramento City Code for the group and division of occupancy and use for which the proposed occupancy is classified. Issuance of this certificate shall not be construed as an approval of a violation of any Codes, or Federal, State and City Laws or Ordinances. Certificates presuming to give authority to such violation shall not be valid. This certificate shall be posted in a conspicuous place on the premises and shall not be removed except by the City Building Official. No changes shall be made in the character of occupancy or use without approval of the City Building Official.

POST IN A CONSPICUOUS PLACE

INSPECTION CONSULTANTS, LP

ELECTRICAL INSPECTION

Project No.: 001-094 **Contact:** BRIAN SPENCER **Date:** 8/2/00
Machine: TALL OVEN **Manufacturer:** CUSTOM
Description: EPOXY BAKING OVEN
Model No.: CUSTOM-1 480v 3 phase resistive heater, 20 feet tall chamber, Blower fans. used mainly to dry epoxy composites, gives

Item	NFPA 79	DESCRIPTION	Accept	Defect	Not Applic.	Refer to Comment
1		Components and equipment for general use, and other non-complex electrical equipment such as wires, transformers, switches, relays and contractors shall be listed by Underwriters Laboratories or other nationally recognized testing laboratory.	✓			
2	4.2	Diagrams of the electrical system shall be provided including complete schematic diagrams, panel layouts of interconnection diagrams of the electrical system shall be provided including	✓			
3	4.2.2	Diagram cross referencing scheme for relays, switches, etc.	✓			
4	4.2.5	Directly connected conductors shall be shown with same alphanumeric reference except less than #18 in electronic assemblies.	✓			
5	4.2.7	Interconnecting diagrams provided for separate enclosures.	✓			
6	4.3	Operating instructions, maintenance instructions, spare parts list.	✓			
7	4.4	Durable identification plates.	✓			
8	4.5	Warning label, if disconnect does not de-energize all exposed live parts when in off position.			✓	
9	4.6	Machine builders name, trademark, or other identification symbol.	✓			
10	4.7.1	Permanent name plate listing, in English, clearly identifying machine serial No., supply voltage, phase, frequency, full-load current, ampere rating of largest motor load.			✓	
11	4.8	Additional identification provided if nameplate not easy to read.	✓			
12	4.9	Each control station device (pushbutton, indicating light and selector switch) be identified as to its function on or adjacent to the device.	✓			
13	5.2	Devices properly rated for temperature, altitude, humidity and supply voltage.	✓			
14	6.2	Live parts greater than 30 volts protected by insulation or enclosures.	✓			
15	6.2	Circuits less than 30 volts separated from higher voltage circuits.	✓			
16	6.4	Safeguarding from residual voltages were present.	✓			
17	7.1	Properly rated disconnecting means provided for each incoming supply circuit.	✓			
18	7.4	Disconnecting means properly mounted, and open. Open and closed position of disconnecting means identified.	✓			
19	7.5	Disconnecting means opens all ungrounded conductors of single supply circuit simultaneously.			✓	
20	7.8.2	Where two or more disconnecting means are provided within the control enclosure for multiple supply circuits, they shall be grouped in one location.	✓			
21	7.9	Disconnect means mechanically or electrically interlocked with enclosure doors (Exception allowed if warning label attached and tool required to open enclosure	✓			
22	7.10	Disconnect handle readily accessible.	✓		✓	
23	7.11	Attachment plug and receptacle for two horsepower or less, only.				
24	8	Overcurrent protection for supply conductors, and machine (Breaker, fuse, etc.).	✓			

2999 - A GOLD CANAL DRIVE ◆ RANCHO CORDOVA, CALIFORNIA 95670-6128 ◆ (916) 635-2972 ◆ (916) 635-6457 FAX
844 66th AVENUE ◆ OAKLAND, CALIFORNIA 94621-2716 ◆ (510) 635-9211 ◆ (510) 635-0988 FAX

Item	NFPA 79	DESCRIPTION	Accept	Defect	Not Applic	Refer to Coments
25	8.6	Overload devices shall be provided to protect each motor, motor controller, and branch circuit conductor against excessive heating due to motor overloads of failure to start.	✓			
26	8.8	Resistance heating elements - rating not over 48 amps. Special arrangements for over 48 amps. heaters.	✓			
27	8.9.1	Control circuits tapped from load side of branch circuit, functioning to control the load shall be protected against overcurrent with supplementary or branch circuit OCPD.	✓			
28	8.11	Large power transformer circuits properly protected on primary and secondary.			✓	
29	8.12	Control circuit transformer properly protected on primary and secondary.	✓			
30	8.14	Proper undervoltage protection or detection for machinery that will malfunction below minimum voltage.	✓			
31	9.1	Control circuit source of supply taken from load side of main disconnecting means.	✓			
32	9.2	AC control voltage shall be 120 volts or less, single phase. Where supply voltage is greater than 120 volts, the control voltage shall be taken from a transformer with an isolated secondary winding.	✓			
33	9.5.2	Machine has category O stop, plus category 1 or 2 stops as demanded by safety and functional requirements of machine.	✓			
34	9.6.1	Start circuits include safety measures for correct sequential starting.	✓			
35	9.6.3	Emergency stop shall have following requirements: It shall override all other function and operations in all modes. Reset shall not initiate a restart.			✓	
36	9.8	Where hazardous conditions can arise from mode selection, such operation shall be protected by suitable means such as key operated switch or access code.	✓			
37	10.3	Manual and electromagnetic motor controllers shall be properly sized and marked.	✓			
38	11.8	Any control panel door that permits access to live parts operating at 50 volts or more shall be so interlocked that the door cannot be opened unless all power is disconnected. Exception includes warning markings on door and means for qualified person to gain access.	✓			
39	12.1.1	Control equipment located so that it will not interfere with machine adjustments or maintenance.	✓			
40	12.1.2	Pipelines, tubing, or devices for handling air, gases or liquids shall not be located in enclosures or compartments containing electrical control equipment.	✓			
41	12.2.2	Terminal blocks for power circuits shall be grouped separately from control circuits.	✓			
42	12.2.6	Equipment shall be mounted so that it can be replaced without removing panels.	✓			
43	13	Push buttons and switches should be properly color coded and suited for environme	✓			
44	15	Conductor and cable insulation shall be listed with one of the following: MTW, THHN THW, THWN or SO, STO, STOW, SJO, SJOW, SJTO.	✓			
45	13,14, 15,16,17	Circuits and wiring shall be in accordance with the National & California Electric Code.	✓			
46	19.3	The machine and all exposed, non-current carrying conductive parts, material and equipment including metal mounting panels that are likely to become energized and are mounted in non-metallic enclosures, shall be effectively grounded.	✓			
47	20.3	Programmable controllers shall be protected to require special people and equipmen to modify.	✓			
48		Operational check: Equipment operates properly and in accordance with established intent.	✓			

SUMMARY OF RESULTS

- ☒ Equipment accepted
- ☒ Hazard sticker applied
- ☒ Inspection sticker(s) applied No: _____

- ☐ Equipment recommendations, not required (refer to page 3)
- ☐ Equipment requires compliance, (refer to page 3)
- ☐ Contact person notified

Inspectors Signature: John H. Stubbs

Grounding checks OK

INSPECTION CONSULTANTS, LP

ELECTRICAL INSPECTION

Project No.: 001-094 **Contact:** Brian Spencer **Date:** Aug 2, 2000
Machine: DESPATCH OVEN **Manufacturer:** DESPATCH OVEN CO
Description: BAKE OVEN FOR EPOXY COMPOSITES
Model No.: STYLE S-185, S/N 61719 3 phase 480V, 100 Amp fuses on main disconnect

Item	NFPA 79	DESCRIPTION	Accept	Defect	Not Applic.	Refer to Comment
1		Components and equipment for general use, and other non-complex electrical equipment such as wires, transformers, switches, relays and contractors shall be listed by Underwriters Laboratories or other nationally recognized testing laboratory.	✓			
2	4.2	Diagrams of the electrical system shall be provided including complete schematic diagrams, panel layouts of interconnection diagrams of the electrical system shall be provided including	✓			
3	4.2.2	Diagram cross referencing scheme for relays, switches, etc.	✓			
4	4.2.5	Directly connected conductors shall be shown with same alphanumeric reference except less than #18 in electronic assemblies.	✓			
5	4.2.7	Interconnecting diagrams provided for separate enclosures.	✓			
6	4.3	Operating instructions, maintenance instructions, spare parts list.	✓			
7	4.4	Durable identification plates.	✓			
8	4.5	Warning label, if disconnect does not de-energize all exposed live parts when in off position.	✓			
9	4.6	Machine builders name, trademark, or other identification symbol.				
10	4.7.1	Permanent name plate listing, in English, clearly identifying machine serial No., supply voltage, phase, frequency, full-load current, ampere rating of largest motor load.	✓		✓	
11	4.8	Additional identification provided if nameplate not easy to read.	✓			
12	4.9	Each control station device (pushbutton, indicating light and selector switch) be identified as to its function on or adjacent to the device.	✓			
13	5.2	Devices properly rated for temperature, altitude, humidity and supply voltage.	✓			
14	6.2	Live parts greater than 30 volts protected by insulation or enclosures.	✓			
15	6.2	Circuits less than 30 volts separated from higher voltage circuits.	✓			
16	6.4	Safeguarding from residual voltages were present.	✓			
17	7.1	Properly rated disconnecting means provided for each incoming supply circuit.	✓			
18	7.4	Disconnecting means properly mounted, and open. Open and closed position of disconnecting means identified.	✓			
19	7.5	Disconnecting means opens all ungrounded conductors of single supply circuit simultaneously.			✓	
20	7.8.2	Where two or more disconnecting means are provided within the control enclosure for multiple supply circuits, they shall be grouped in one location.	✓			
21	7.9	Disconnect means mechanically or electrically interlocked with enclosure doors (Exception allowed if warning label attached and tool required to open enclosure	✓		✓	
22	7.10	Disconnect handle readily accessible.	✓			
23	7.11	Attachment plug and receptacle for two horsepower or less, only.				
24	8	Overcurrent protection for supply conductors, and machine (Breaker, fuse, etc.).				

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Item	NFPA 79	DESCRIPTION	Accept	Defect	Not Applic	Refer to Coments
25	8.6	Overload devices shall be provided to protect each motor, motor controller, and branch circuit conductor against excessive heating due to motor overloads of failure to start.	✓			
26	8.8	Resistance heating elements - rating not over 48 amps. Special arrangements for over 48 amps. heaters.	✓			
27	8.9.1	Control circuits tapped from load side of branch circuit, functioning to control the load shall be protected against overcurrent with supplementary or branch circuit OCPD.	✓			
28	8.11	Large power transformer circuits properly protected on primary and secondary.			✓	
29	8.12	Control circuit transformer properly protected on primary and secondary.	✓			
30	8.14	Proper undervoltage protection or detection for machinery that will malfunction below minimum voltage.	✓			
31	9.1	Control circuit source of supply taken from load side of main disconnecting means.	✓			
32	9.2	AC control voltage shall be 120 volts or less, single phase. Where supply voltage is greater than 120 volts, the control voltage shall be taken from a transformer with an isolated secondary winding.	✓			
33	9.5.2	Machine has category O stop, plus category 1 or 2 stops as demanded by safety and functional requirements of machine.	✓			
34	9.6.1	Start circuits include safety measures for correct sequential starting.	✓			
35	9.6.3	Emergency stop shall have following requirements: It shall override all other function and operations in all modes. Reset shall not initiate a restart.	✓			
36	9.8	Where hazardous conditions can arise from mode selection, such operation shall be protected by suitable means such as key operated switch or access code.			✓	
37	10.3	Manual and electromagnetic motor controllers shall be properly sized and marked.	✓			
38	11.8	Any control panel door that permits access to live parts operating at 50 volts or more shall be so interlocked that the door cannot be opened unless all power is disconnected. Exception includes warning markings on door and means for qualified person to gain access.	✓			
39	12.1.1	Control equipment located so that it will not interfere with machine adjustments or maintenance.	✓			
40	12.1.2	Pipelines, tubing, or devices for handling air, gases or liquids shall not be located in enclosures or compartments containing electrical control equipment.	✓			
41	12.2.2	Terminal blocks for power circuits shall be grouped separately from control circuits.	✓			
42	12.2.6	Equipment shall be mounted so that it can be replaced without removing panels.	✓			
43	13	Push buttons and switches should be properly color coded and suited for environme	✓			
44	15	Conductor and cable insulation shall be listed with one of the following: MTW, THHN THW, THWN or SO, STO, STOW, SJO, SJOW, SJTO.	✓			
45	13,14, 15,16,17	Circuits and wiring shall be in accordance with the National & California Electric Code.	✓			
46	19.3	The machine and all exposed, non-current carrying conductive parts, material and equipment including metal mounting panels that are likely to become energized and are mounted in non-metallic enclosures, shall be effectively grounded.	✓			
47	20.3	Programmable controllers shall be protected to require special people and equipmen to modify.			✓	
48		Operational check: Equipment operates properly and in accordance with established intent.	✓			

SUMMARY OF RESULTS

☒ **Equipment accepted**

☒ **Hazard sticker applied**

☒ **Inspection sticker(s) applied No: _____**

☐ **Equipment recommendations, not required (refer to page 3)**

☐ **Equipment requires compliance, (refer to page 3)**

☐ **Contact person notified**

Grounding checks OK

Inspectors Signature: John H. Stubbs

INSPECTION CONSULTANTS, LP

ELECTRICAL INSPECTION

Project No.: 001-094 **Contact:** BRIAN SPENCER **Date:** AUG 2, 2000
Machine: FILAMENT WINDER, 3 axis **Manufacturer:** CUSTOM #1
Description: WINDS FIBERGLASS, CARBON FIBER, KEVLAR ETC
Model No.: PC Controlled 208V, 3 phase

Item	NFPA 79	DESCRIPTION	Accept	Defect	Not Applic.	Refer to Comment
1		Components and equipment for general use, and other non-complex electrical equipment such as wires, transformers, switches, relays and contractors shall be listed by Underwriters Laboratories or other nationally recognized testing laboratory.	✓			
2	4.2	Diagrams of the electrical system shall be provided including complete schematic diagrams, panel layouts of interconnection diagrams of the electrical system shall be provided including	✓			
3	4.2.2	Diagram cross referencing scheme for relays, switches, etc.	✓			
4	4.2.5	Directly connected conductors shall be shown with same alphanumeric reference except less than #18 in electronic assemblies.	✓			
5	4.2.7	Interconnecting diagrams provided for separate enclosures.	✓			
6	4.3	Operating instructions, maintenance instructions, spare parts list.				
7	4.4	Durable identification plates.	✓			
8	4.5	Warning label, if disconnect does not de-energize all exposed live parts when in off position.	✓			
9	4.6	Machine builders name, trademark, or other identification symbol.	✓			
10	4.7.1	Permanent name plate listing, in English, clearly identifying machine serial No., supply voltage, phase, frequency, full-load current, ampere rating of largest motor load.	✓			
11	4.8	Additional identification provided if nameplate not easy to read.	✓			
12	4.9	Each control station device (pushbutton, indicating light and selector switch) be identified as to its function on or adjacent to the device.	✓			
13	5.2	Devices properly rated for temperature, altitude, humidity and supply voltage.	✓			
14	6.2	Live parts greater than 30 volts protected by insulation or enclosures.	✓			
15	6.2	Circuits less than 30 volts separated from higher voltage circuits.	✓			
16	6.4	Safeguarding from residual voltages were present.	✓			
17	7.1	Properly rated disconnecting means provided for each incoming supply circuit.	✓			
18	7.4	Disconnecting means properly mounted, and open. Open and closed position of disconnecting means identified.	✓			
19	7.5	Disconnecting means opens all ungrounded conductors of single supply circuit simultaneously.			✓	
20	7.8.2	Where two or more disconnecting means are provided within the control enclosure for multiple supply circuits, they shall be grouped in one location.	✓			
21	7.9	Disconnect means mechanically or electrically interlocked with enclosure doors (Exception allowed if warning label attached and tool required to open enclosure	✓		✓	
22	7.10	Disconnect handle readily accessible.				
23	7.11	Attachment plug and receptacle for two horsepower or less, only.	✓			
24	8	Overcurrent protection for supply conductors, and machine (Breaker, fuse, etc.).				

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Item	NFPA 79	DESCRIPTION	Accept	Defect	Not Applic	Refer to Coments
25	8.6	Overload devices shall be provided to protect each motor, motor controller, and branch circuit conductor against excessive heating due to motor overloads of failure to start.	✓			
26	8.8	Resistance heating elements - rating not over 48 amps. Special arrangements for over 48 amps. heaters.			✓	
27	8.9.1	Control circuits tapped from load side of branch circuit, functioning to control the load shall be protected against overcurrent with supplementary or branch circuit OCPD.	✓			
28	8.11	Large power transformer circuits properly protected on primary and secondary.			✓	
29	8.12	Control circuit transformer properly protected on primary and secondary.	✓			
30	8.14	Proper undervoltage protection or detection for machinery that will malfunction below minimum voltage.	✓			
31	9.1	Control circuit source of supply taken from load side of main disconnecting means.	✓			
32	9.2	AC control voltage shall be 120 volts or less, single phase. Where supply voltage is greater than 120 volts, the control voltage shall be taken from a transformer with an isolated secondary winding.	✓			
33	9.5.2	Machine has category O stop, plus category 1 or 2 stops as demanded by safety and functional requirements of machine.	✓			
34	9.6.1	Start circuits include safety measures for correct sequential starting.	✓			
35	9.6.3	Emergency stop shall have following requirements: It shall override all other function and operations in all modes. Reset shall not initiate a restart.	✓			
36	9.8	Where hazardous conditions can arise from mode selection, such operation shall be protected by suitable means such as key operated switch or access code.	✓			
37	10.3	Manual and electromagnetic motor controllers shall be properly sized and marked.	✓			
38	11.8	Any control panel door that permits access to live parts operating at 50 volts or more shall be so interlocked that the door cannot be opened unless all power is disconnected. Exception includes warning markings on door and means for qualified person to gain access.	✓			
39	12.1.1	Control equipment located so that it will not interfere with machine adjustments or maintenance.	✓			
40	12.1.2	Pipelines, tubing, or devices for handling air, gases or liquids shall not be located in enclosures or compartments containing electrical control equipment.	✓			
41	12.2.2	Terminal blocks for power circuits shall be grouped separately from control circuits.	✓			
42	12.2.6	Equipment shall be mounted so that it can be replaced without removing panels.	✓			
43	13	Push buttons and switches should be properly color coded and suited for environme	✓			
44	15	Conductor and cable insulation shall be listed with one of the following: MTW, THHN THW, THWN or SO, STO, STOW, SJO, SJOW, SJTO.	✓			
45	13,14, 15,16,17	Circuits and wiring shall be in accordance with the National & California Electric Code.	✓			
46	19.3	The machine and all exposed, non-current carrying conductive parts, material and equipment including metal mounting panels that are likely to become energized and are mounted in non-metallic enclosures, shall be effectively grounded.	✓			
47	20.3	Programmable controllers shall be protected to require special people and equipmen to modify.	✓			
48		Operational check: Equipment operates properly and in accordance with established intent.	✓			

SUMMARY OF RESULTS

- ☒ **Equipment accepted**
- ☒ **Hazard sticker applied**
- ☒ **Inspection sticker(s) applied No: _____**
- ☐ **Equipment recommendations, not required (refer to page 3)**
- ☐ **Equipment requires compliance, (refer to page 3)**
- ☐ **Contact person notified**

Inspectors Signature: John H. Stubbs

GROUNDING CHECKS OK

INSPECTION CONSULTANTS, LP

ELECTRICAL INSPECTION

Project No.: 001-094 **Contact:** BRIAN SPENCER **Date:** 08/02/00
Machine: Composite pullor-extruder **Manufacturer:** Enter Composit machine
Description: PULL-TRUDER
Model No.: ATP BETA 50 S/N ECM01018

Item	NFPA 79	DESCRIPTION	Accept	Defect	Not Applic.	Refer to Comment
1		Components and equipment for general use, and other non-complex electrical equipment such as wires, transformers, switches, relays and contractors shall be listed by Underwriters Laboratories or other nationally recognized testing laboratory.	✓			
2	4.2	Diagrams of the electrical system shall be provided including complete schematic diagrams, panel layouts of interconnection diagrams of the electrical system shall be provided including	✓			
3	4.2.2	Diagram cross referencing scheme for relays, switches, etc.	✓			
4	4.2.5	Directly connected conductors shall be shown with same alphanumeric reference except less than #18 in electronic assemblies.	✓			
5	4.2.7	Interconnecting diagrams provided for separate enclosures.	✓			
6	4.3	Operating instructions, maintenance instructions, spare parts list.	✓			
7	4.4	Durable identification plates.	✓			
8	4.5	Warning label, if disconnect does not de-energize all exposed live parts when in off position.	✓			
9	4.6	Machine builders name, trademark, or other identification symbol.	✓			
10	4.7.1	Permanent name plate listing, in English, clearly identifying machine serial No., supply voltage, phase, frequency, full-load current, ampere rating of largest motor load.			✓	
11	4.8	Additional identification provided if nameplate not easy to read.	✓			
12	4.9	Each control station device (pushbutton, indicating light and selector switch) be identified as to its function on or adjacent to the device.	✓			
13	5.2	Devices properly rated for temperature, altitude, humidity and supply voltage.	✓			
14	6.2	Live parts greater than 30 volts protected by insulation or enclosures.	✓			
15	6.2	Circuits less than 30 volts separated from higher voltage circuits.	✓			
16	6.4	Safeguarding from residual voltages were present.	✓			
17	7.1	Properly rated disconnecting means provided for each incoming supply circuit.	✓			
18	7.4	Disconnecting means properly mounted, and open. Open and closed position of disconnecting means identified.	✓			
19	7.5	Disconnecting means opens all ungrounded conductors of single supply circuit simultaneously.			✓	
20	7.8.2	Where two or more disconnecting means are provided within the control enclosure for multiple supply circuits, they shall be grouped in one location.	✓			
21	7.9	Disconnect means mechanically or electrically interlocked with enclosure doors (Exception allowed if warning label attached and tool required to open enclosure	✓			
22	7.10	Disconnect handle readily accessible.			✓	
23	7.11	Attachment plug and receptacle for two horsepower or less, only.	✓			
24	8	Overcurrent protection for supply conductors, and machine (Breaker, fuse, etc.).				

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Item	NFPA 79	DESCRIPTION	Accept	Defect	Not Applic	Refer to Coments
25	8.6	Overload devices shall be provided to protect each motor, motor controller, and branch circuit conductor against excessive heating due to motor overloads of failure to start.	✓			
26	8.8	Resistance heating elements - rating not over 48 amps. Special arrangements for over 48 amps. heaters.	✓			
27	8.9.1	Control circuits tapped from load side of branch circuit, functioning to control the load shall be protected against overcurrent with supplementary or branch circuit OCPD.	✓		✓	
28	8.11	Large power transformer circuits properly protected on primary and secondary.	✓			
29	8.12	Control circuit transformer properly protected on primary and secondary.	✓			
30	8.14	Proper undervoltage protection or detection for machinery that will malfunction below minimum voltage.	✓			
31	9.1	Control circuit source of supply taken from load side of main disconnecting means.	✓			
32	9.2	AC control voltage shall be 120 volts or less, single phase. Where supply voltage is greater than 120 volts, the control voltage shall be taken from a transformer with an isolated secondary winding.	✓			
33	9.5.2	Machine has category O stop, plus category 1 or 2 stops as demanded by safety and functional requirements of machine.	✓			
34	9.6.1	Start circuits include safety measures for correct sequential starting.	✓			
35	9.6.3	Emergency stop shall have following requirements: It shall override all other function and operations in all modes. Reset shall not initiate a restart.	✓			
36	9.8	Where hazardous conditions can arise from mode selection, such operation shall be protected by suitable means such as key operated switch or access code.	✓			
37	10.3	Manual and electromagnetic motor controllers shall be properly sized and marked.	✓			
38	11.8	Any control panel door that permits access to live parts operating at 50 volts or more shall be so interlocked that the door cannot be opened unless all power is disconnected. Exception includes warning markings on door and means for qualified person to gain access.	✓			
39	12.1.1	Control equipment located so that it will not interfere with machine adjustments or maintenance.	✓			
40	12.1.2	Pipelines, tubing, or devices for handling air, gases or liquids shall not be located in enclosures or compartments containing electrical control equipment.	✓			
41	12.2.2	Terminal blocks for power circuits shall be grouped separately from control circuits.	✓			
42	12.2.6	Equipment shall be mounted so that it can be replaced without removing panels.	✓			
43	13	Push buttons and switches should be properly color coded and suited for environme	✓			
44	15	Conductor and cable insulation shall be listed with one of the following: MTW, THHN THW, THWN or SO, STO, STOW, SJO, SJOW, SJTO.	✓			
45	13,14, 15,16,17	Circuits and wiring shall be in accordance with the National & California Electric Code.	✓			
46	19.3	The machine and all exposed, non-current carrying conductive parts, material and equipment including metal mounting panels that are likely to become energized and are mounted in non-metallic enclosures, shall be effectively grounded.	✓			
47	20.3	Programmable controllers shall be protected to require special people and equipmen to modify.	✓			
48		Operational check: Equipment operates properly and in accordance with established intent.			✓	

SUMMARY OF RESULTS

☒ **Equipment accepted**

☒ **Hazard sticker applied**

☐ **Inspection sticker(s) applied No: _____**

☐ **Equipment recommendations, not required (refer to page 3)**

☐ **Equipment requires compliance, (refer to page 3)**

☐ **Contact person notified**

Grounding checks OK

Inspectors Signature: John H. Shutler

INSPECTION CONSULTANTS, LP

ELECTRICAL INSPECTION

Project No.: 001-094 ***Contact:*** BRIAN SPENCER ***Date:*** AUG 2, 2000

Machine: _____ ***Manufacturer:*** EU-TEC

Description: TENSIONER

Model No.: #1 3Φ, 208 VOLT PLUG IN.

Item	NFPA 79	DESCRIPTION	Accept	Defect	Not Applic.	Refer to Comment
1		Components and equipment for general use, and other non-complex electrical equipment such as wires, transformers, switches, relays and contractors shall be listed by Underwriters Laboratories or other nationally recognized testing laboratory.	✓			
2	4.2	Diagrams of the electrical system shall be provided including complete schematic diagrams, panel layouts of interconnection diagrams of the electrical system shall be provided including	✓			
3	4.2.2	Diagram cross referencing scheme for relays, switches, etc.	✓			
4	4.2.5	Directly connected conductors shall be shown with same alphanumeric reference except less than #18 in electronic assemblies.	✓			
5	4.2.7	Interconnecting diagrams provided for separate enclosures.	✓			
6	4.3	Operating instructions, maintenance instructions, spare parts list.				
7	4.4	Durable identification plates.	✓			
8	4.5	Warning label, if disconnect does not de-energize all exposed live parts when in off position.	✓			
9	4.6	Machine builders name, trademark, or other identification symbol.				
10	4.7.1	Permanent name plate listing, in English, clearly identifying machine serial No., supply voltage, phase, frequency, full-load current, ampere rating of largest motor load.			✓	
11	4.8	Additional identification provided if nameplate not easy to read.				
12	4.9	Each control station device (pushbutton, indicating light and selector switch) be identified as to its function on or adjacent to the device.	✓			
13	5.2	Devices properly rated for temperature, altitude, humidity and supply voltage.	✓			
14	6.2	Live parts greater than 30 volts protected by insulation or enclosures.	✓			
15	6.2	Circuits less than 30 volts separated from higher voltage circuits.	✓			
16	6.4	Safeguarding from residual voltages were present.	✓			
17	7.1	Properly rated disconnecting means provided for each incoming supply circuit.	✓			
18	7.4	Disconnecting means properly mounted, and open. Open and closed position of disconnecting means identified.	✓			
19	7.5	Disconnecting means opens all ungrounded conductors of single supply circuit simultaneously.	✓			
20	7.8.2	Where two or more disconnecting means are provided within the control enclosure for multiple supply circuits, they shall be grouped in one location.			✓	
21	7.9	Disconnect means mechanically or electrically interlocked with enclosure doors (Exception allowed if warning label attached and tool required to open enclosure	✓		✓	
22	7.10	Disconnect handle readily accessible.	✓			
23	7.11	Attachment plug and receptacle for two horsepower or less, only.	✓			
24	8	Overcurrent protection for supply conductors, and machine (Breaker, fuse, etc.).				

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Item	NFPA 79	DESCRIPTION	Accept	Defect	Not Applic	Refer to Coments
25	8.6	Overload devices shall be provided to protect each motor, motor controller, and branch circuit conductor against excessive heating due to motor overloads of failure to start.	✓			
26	8.8	Resistance heating elements - rating not over 48 amps. Special arrangements for over 48 amps. heaters.			✓	
27	8.9.1	Control circuits tapped from load side of branch circuit, functioning to control the load shall be protected against overcurrent with supplementary or branch circuit OCPD.	✓			
28	8.11	Large power transformer circuits properly protected on primary and secondary.			✓	
29	8.12	Control circuit transformer properly protected on primary and secondary.	✓			
30	8.14	Proper undervoltage protection or detection for machinery that will malfunction below minimum voltage.	✓			
31	9.1	Control circuit source of supply taken from load side of main disconnecting means.	✓			
32	9.2	AC control voltage shall be 120 volts or less, single phase. Where supply voltage is greater than 120 volts, the control voltage shall be taken from a transformer with an isolated secondary winding.	✓			
33	9.5.2	Machine has category O stop, plus category 1 or 2 stops as demanded by safety and functional requirements of machine.	✓			
34	9.6.1	Start circuits include safety measures for correct sequential starting.	✓			
35	9.6.3	Emergency stop shall have following requirements: It shall override all other function and operations in all modes. Reset shall not initiate a restart.	✓			
36	9.8	Where hazardous conditions can arise from mode selection, such operation shall be protected by suitable means such as key operated switch or access code.	✓			
37	10.3	Manual and electromagnetic motor controllers shall be properly sized and marked.	✓			
38	11.8	Any control panel door that permits access to live parts operating at 50 volts or more shall be so interlocked that the door cannot be opened unless all power is disconnected. Exception includes warning markings on door and means for qualified person to gain access.	✓			
39	12.1.1	Control equipment located so that it will not interfere with machine adjustments or maintenance.	✓			
40	12.1.2	Pipelines, tubing, or devices for handling air, gases or liquids shall not be located in enclosures or compartments containing electrical control equipment.	✓			
41	12.2.2	Terminal blocks for power circuits shall be grouped separately from control circuits.	✓			
42	12.2.6	Equipment shall be mounted so that it can be replaced without removing panels.	✓			
43	13	Push buttons and switches should be properly color coded and suited for environme	✓			
44	15	Conductor and cable insulation shall be listed with one of the following: MTW, THHN THW, THWN or SO, STO, STOW, SJO, SJOW, SJTO.	✓			
45	13,14, 15,16,17	Circuits and wiring shall be in accordance with the National & California Electric Code.	✓			
46	19.3	The machine and all exposed, non-current carrying conductive parts, material and equipment including metal mounting panels that are likely to become energized and are mounted in non-metallic enclosures, shall be effectively grounded.	✓			
47	20.3	Programmable controllers shall be protected to require special people and equipmen to modify.	✓			
48		Operational check: Equipment operates properly and in accordance with established intent.	✓			

SUMMARY OF RESULTS

☒ **Equipment accepted**

☒ **Hazard sticker applied**

☒ **Inspection sticker(s) applied No:** _____

☐ **Equipment recommendations, not required (refer to page 3)**

☐ **Equipment requires compliance, (refer to page 3)**

☐ **Contact person notified**

Inspectors Signature: John A. Stella

GROUNDING CHECKS OK

INSPECTION CONSULTANTS, LP

ELECTRICAL INSPECTION

Project No.: 001-094 ***Contact:*** BRIAN SPENCER ***Date:*** AUG 02, 2000

Machine: LARGE WINDER ***Manufacturer:***

Description: SPENCER WINDER

Model No.: CUSTOM #1 480 VOLTS, 3 phase PC Controlled
40 Amp FUSES

Item	NFPA 79	DESCRIPTION	Accept	Defect	Not Applic.	Refer to Comment
1		Components and equipment for general use, and other non-complex electrical equipment such as wires, transformers, switches, relays and contractors shall be listed by Underwriters Laboratories or other nationally recognized testing laboratory.	✓			
2	4.2	Diagrams of the electrical system shall be provided including complete schematic diagrams, panel layouts of interconnection diagrams of the electrical system shall be provided including	✓			
3	4.2.2	Diagram cross referencing scheme for relays, switches, etc.	✓			
4	4.2.5	Directly connected conductors shall be shown with same alphanumeric reference except less than #18 in electronic assemblies.	✓			
5	4.2.7	Interconnecting diagrams provided for separate enclosures.	✓			
6	4.3	Operating instructions, maintenance instructions, spare parts list.	✓			
7	4.4	Durable identification plates.	✓			
8	4.5	Warning label, if disconnect does not de-energize all exposed live parts when in off position.	✓			
9	4.6	Machine builders name, trademark, or other identification symbol.	✓			
10	4.7.1	Permanent name plate listing, in English, clearly identifying machine serial No., supply voltage, phase, frequency, full-load current, ampere rating of largest motor load.	✓			
11	4.8	Additional identification provided if nameplate not easy to read.	✓			
12	4.9	Each control station device (pushbutton, indicating light and selector switch) be identified as to its function on or adjacent to the device.	✓			
13	5.2	Devices properly rated for temperature, altitude, humidity and supply voltage.	✓			
14	6.2	Live parts greater than 30 volts protected by insulation or enclosures.	✓			
15	6.2	Circuits less than 30 volts separated from higher voltage circuits.	✓			
16	6.4	Safeguarding from residual voltages were present.	✓			
17	7.1	Properly rated disconnecting means provided for each incoming supply circuit.	✓			
18	7.4	Disconnecting means properly mounted, and open. Open and closed position of disconnecting means identified.	✓			
19	7.5	Disconnecting means opens all ungrounded conductors of single supply circuit simultaneously.	✓			
20	7.8.2	Where two or more disconnecting means are provided within the control enclosure for multiple supply circuits, they shall be grouped in one location.	✓			
21	7.9	Disconnect means mechanically or electrically interlocked with enclosure doors (Exception allowed if warning label attached and tool required to open enclosure	✓			
22	7.10	Disconnect handle readily accessible.	✓		✓	
23	7.11	Attachment plug and receptacle for two horsepower or less, only.	✓			
24	8	Overcurrent protection for supply conductors, and machine (Breaker, fuse, etc.).	✓			

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Item	NFPA 79	DESCRIPTION	Accept	Defect	Not Applic	Refer to Coments
25	8.6	Overload devices shall be provided to protect each motor, motor controller, and branch circuit conductor against excessive heating due to motor overloads of failure to start.	✓			
26	8.8	Resistance heating elements - rating not over 48 amps. Special arrangements for over 48 amps. heaters.			✓	
27	8.9.1	Control circuits tapped from load side of branch circuit, functioning to control the load shall be protected against overcurrent with supplementary or branch circuit OCPD.	✓			
28	8.11	Large power transformer circuits properly protected on primary and secondary.			✓	
29	8.12	Control circuit transformer properly protected on primary and secondary.	✓			
30	8.14	Proper undervoltage protection or detection for machinery that will malfunction below minimum voltage.	✓			
31	9.1	Control circuit source of supply taken from load side of main disconnecting means.	✓			
32	9.2	AC control voltage shall be 120 volts or less, single phase. Where supply voltage is greater than 120 volts, the control voltage shall be taken from a transformer with an isolated secondary winding.	✓			
33	9.5.2	Machine has category O stop, plus category 1 or 2 stops as demanded by safety and functional requirements of machine.	✓			
34	9.6.1	Start circuits include safety measures for correct sequential starting.	✓			
35	9.6.3	Emergency stop shall have following requirements: It shall override all other function and operations in all modes. Reset shall not initiate a restart.	✓			
36	9.8	Where hazardous conditions can arise from mode selection, such operation shall be protected by suitable means such as key operated switch or access code.	✓			
37	10.3	Manual and electromagnetic motor controllers shall be properly sized and marked.	✓			
38	11.8	Any control panel door that permits access to live parts operating at 50 volts or more shall be so interlocked that the door cannot be opened unless all power is disconnected. Exception includes warning markings on door and means for qualified person to gain access.	✓			
39	12.1.1	Control equipment located so that it will not interfere with machine adjustments or maintenance.	✓			
40	12.1.2	Pipelines, tubing, or devices for handling air, gases or liquids shall not be located in enclosures or compartments containing electrical control equipment.	✓			
41	12.2.2	Terminal blocks for power circuits shall be grouped separately from control circuits.	✓			
42	12.2.6	Equipment shall be mounted so that it can be replaced without removing panels.	✓			
43	13	Push buttons and switches should be properly color coded and suited for environme	✓			
44	15	Conductor and cable insulation shall be listed with one of the following: MTW, THHN THW, THWN or SO, STO, STOW, SJO, SJOW, SJTO.	✓			
45	13,14, 15,16,17	Circuits and wiring shall be in accordance with the National & California Electric Code.	✓			
46	19.3	The machine and all exposed, non-current carrying conductive parts, material and equipment including metal mounting panels that are likely to become energized and are mounted in non-metallic enclosures, shall be effectively grounded.	✓			
47	20.3	Programmable controllers shall be protected to require special people and equipmen to modify.	✓			
48		Operational check: Equipment operates properly and in accordance with established intent.	✓			

SUMMARY OF RESULTS

☒ **Equipment accepted**

☒ **Hazard sticker applied**

☒ **Inspection sticker(s) applied No:** _____

☐ **Equipment recommendations, not required** **(refer to page 3)**

☐ **Equipment requires compliance,** **(refer to page 3)**

☐ **Contact person notified**

GROUNDING CHECKS OK

Inspectors Signature: John H. Stutler

SPENCER

Brian E. Spencer, Ph.D., P.E.
4550 Pell Drive; Sacramento, CA 95838
Phone: 916 567 9797 • Fax: 916 567 9898
BEcarbon@aol.com

Board of Registration for Professional Engineering & Land Surveyors
Certificate Number: M 15774

August 4, 2000

Re: Spencer Composites Corporation
4550 Pell Drive, Suite 1-4
Sacramento, CA 95838

To Whom it May Concern:

The method of installing the warehouse lights (Light Fixture Lithonia Hi-Tek TH Series at the above listed address is acceptable using the following hardware as described below.

Fixture Hook Male Lithonia Hi-Tek HKM
Jack Chain Lithonia Hi-Tek Cat. No. CH-1010
Eye Lag Screw Hardware Item ¼ diameter by three inches long

Screw two eye lag screws approximately three inches apart into ceiling joists at desired light location. Attach jack chain between two eye lag screws. Leave slight loop in chain. Hook fixture hook on chain. Further installation instructions are attached.

Signature: Brian E. Spencer
Brian E. Spencer, P.E.
Certificate No. M 15774

Date: 8/4/00

SEAL
Mechanical
M-15774