VOLTAGE DETECTION NETWORK

Featuring WAVi® Work Area Voltage Indication Technology

Operating & Instruction Manual



Making the Invisible Visible®



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Featuring WAVi® Work Area Voltage Indication Technology

Operating & Instruction Manual

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GENERAL DESCRIPTION

The LOOKOUT Voltage Detection Network uses WAVi® Work Area Voltage Indication technology to detect strong electric fields surrounding high voltage conductors and power distribution equipment. It is typically placed near power lines or high voltage equipment. The LOOKOUT Detector provides an extra level of safety for trained

personnel working on or near high voltage systems.



POINTS TO UNDERSTAND BEFORE PROCEEDING

The LOOKOUT Voltage Detection Network detects electric field in ranges between 4kVAC and 500kVAC. Make sure you understand these points before proceeding:

- Risk of electrocution is inherent in or around high voltage. This product is not a substitution for common sense.
- · Electric fields surround every energized AC conductor.
- The closer you are to a conductor, the stronger the field will be.
- Higher voltage means a stronger electric field and a greater warning distance.
 Lower voltage means a reduced warning distance.
- Do not use the LOOKOUT Detector while holding it in your hand. Wrapping your fingers
 around the Detector will block electric fields, preventing it from working properly.
- The detector will not find cables buried under the ground. The ground is a conductor and will block electric fields.
- Electric fields are NOT blocked by plastics, dry wood or clothing.
- Electric fields ARE blocked by ANY conductor such as a metal cabinet or door, wet wood, metal fences, green trees, a growing shrub or hedge and tall wet grass.
- Insulation on a wire does not block the electric field and does not affect warning distances.
- Underground primary cables are both insulated AND shielded. The shield is a conductor, is grounded, and will block the electric field.
- The Detector will not detect DC voltage or stored charge such as in charged capacitors or underground cable.
- Molded cable terminators such as elbows are, like the cables they are installed on, both insulated and shielded and will block electric fields.
- Your body will block electric fields. Placing yourself between a high voltage source and the LOOKOUT Detector may prevent it from detecting the high voltage.

SAFETY



WARNING - Not for Use Below 2400 VOLTS AC.

- Do not rely on the Detector as your sole source of high voltage detection.
 Risk of electrocution is inherent in or around high voltage.
- Always use proper high voltage safety procedures, including personal protective equipment, when working near or around high voltage equipment or conductors.
- Always use proper high voltage procedures for testing and grounding.
- Grounded equipment can appear to be live in close proximity to energized conductors.

OPERATIONAL IMPAIRMENT

If the Detector is used in a manner not described in this instruction manual, the protection and effective operation of this equipment may be impaired.

The Detector will not detect DC voltage or stored charge such as in charged capacitors or underground cable. Always use proper high voltage procedures, including personal protective equipment, when working near or around high voltage equipment or conductors. Always use proper high voltage procedures for testing and grounding. Do not rely on the LOOKOUT Detector as your sole source of high voltage detection. Risk of electrocution is inherent in or around high voltage.

HOW IT WORKS

The LOOKOUT Voltage Detection Network works by sensing the presence of the electric field surrounding anything that conducts high voltage electricity. The LOOKOUT Detectors measure only the strength of the electric field. They cannot directly measure distance to the source of the electric field such as an energized conductor.

Spinning red lights and an audible alert indicate an electric field and nearby energized conductor. Multiple LOOKOUT Detectors communicate with each other via a wireless mesh network. When one Detector senses a nearby conductor, it will cause every Detector in the network to begin alerting.

The LOOKOUT Detector has a power button on the top of the unit to verify battery power and proper functioning of the device. When powered on, some sections of the Detector will begin to glow according to the system voltage setting of the Detector. One glowing section indicates a low voltage setting, multiple glowing sections indicate progressively higher voltage settings. The Detector will then perform a self-test, shown by spinning green lights and a short beep.

The short, green, flashing light "heartbeat" indicates that the LOOKOUT Detector is powered on and monitoring for the presence of high voltage electric fields.

When high voltage is detected, the LOOKOUT Detectors within the same network will start flashing in a red-yellow-green sequence. The closest Detector to the energized conductor will flash red lights, the other Detectors within the network will flash yellow or green lights based on how much of the electric field is being detected.

For more information, refer to the A Word About Electric Fields section on page 7.

HOW TO USE IT

The LOOKOUT Voltage Detection Network should be placed in the vicinity of high voltage conductors that are either energized or could possibly become energized for the purpose of alerting those in the vicinity to the presence of high voltage. Refer to the Warning Distance Information section starting on page 9 for determining the appropriate placement distances.

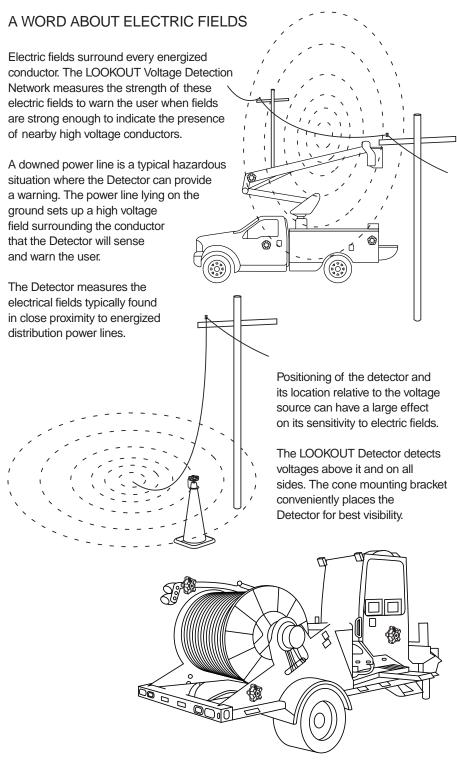
LOOKOUT Detectors can be placed as described in these examples:

- 1. LOOKOUT Detectors may be placed on or around equipment that may be operated near energized conductors. Detectors may be placed on both sides and on top of the boom of a crane, in the operator's cab or around the outriggers using the accessory equipment mount.
- The Detectors can be placed on top of typical traffic cones using the available accessory cone bracket. When a LOOKOUT Detector is placed on a safety/traffic cone, the Detector is positioned for best visibility.
- 3. LOOKOUT Detectors can be placed on the ground. The Detector will detect energized high voltage conductors on all sides and above it. Refer to the Warning Distance Information section starting on page 9 for determining the detection range and appropriate placement distances.
- 4. LOOKOUT Detectors can be applied to a fence or other similar structure using the accessory hanger bracket. When applied to a metal fence, the Detector will only detect conductors on the side of the fence it is hanging from.

WHEN TO USE IT

The decision of when to use the Detector is made by the user and by your company's safety and work practices. When used properly, the Detector can provide an additional warning to users exposed or working around energized high voltage electricity and equipment. Awareness of the presence of a high voltage electric field allows the user to take additional precautions against accidental contact with energized equipment.

The LOOKOUT Voltage Detection Network provides an early warning of the proximity of potentially hazardous high voltage electricity and equipment. The Detector lights will spin and buzzer will sound when an electric field is detected and will continue to spin for as long as the electric field is present.

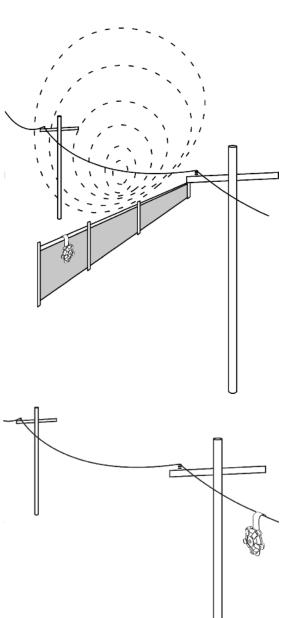


The LOOKOUT Voltage Detection Network measures only the strength of the electric field. It cannot directly measure distance to the source of the electric field such as an energized conductor. The higher the voltage, the stronger the field and the greater the alarm distance. The reverse is also true: the Detector may alarm due to the very close proximity of low voltage. Adjusting the system voltage setting of the LOOKOUT Detector via the mobile application can help normalize the detection distance across voltage levels.

Electrically conductive objects located underneath power lines can appear to be live. A metal fence or a growing hedge can cause a distortion of the electric field under these lines and result in high electric field strength near the ground.

The LOOKOUT Voltage Detection Network will provide an early warning of high electric fields, but not all fields are directly caused by nearby energized objects. To prevent the Detector from issuing too many false alarms, it should not be used in typical office or factory environments where all equipment is low voltage and there is no danger of contacting energized high voltage conductors.

Conductors of different phases in close proximity may also reduce warning distances due to field cancellation effects.



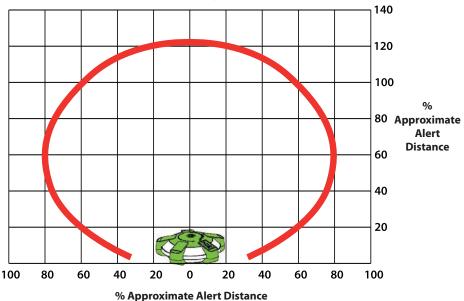
WARNING DISTANCE INFORMATION

The sensitivity of the LOOKOUT Voltage Detection Network may be adjusted in the field via the use of the LOOKOUT mobile application. The typical detection distance of the Detector is adjusted to reflect the OSHA minimum approach distances for qualified electrical workers. When powered on, the LOOKOUT Detector will default to its lowest voltage setting of 4kV. Refer to A Word About Electric Fields beginning on page 7 for more information about how electric fields change over distance.

System Voltage (kV)	OSHA Minimum Approach Distance*	Approximate Alert Distance
4	2'-1"	3'
15	2'-2"	3'
25	2'-7"	4'
35	2'-10"	4'
69	3'-4"	5'
115	3'-5"	5'
138	3'-10"	5'
230	5'-8"	8'
500	10'	12'

^{*}Based on OSHA Standard 1910.269 for minimum approach distances for qualified electrical workers

LOOKOUT Detector on the ground



WARNING DISTANCE INFORMATION continued



WARNING: Treat all conductors as live unless or until there is a visible break from a live source and a ground is in place.



Be aware of unique conditions that may be present around three phase delta systems. Unlike grounded Y systems, a single phase of a delta system can become grounded without causing an outage and the delta system can continue to operate with this grounded phase. If this phase is grounded as the result of a downed conductor or other storm damage, it may be grounded only temporarily and could become reenergized if moved or disturbed. The LOOKOUT Voltage Detection Network will not detect any grounded conductor, whether it is a grounded delta phase conductor, a guy wire or a pole ground.



NOT FOR USE BELOW 2400 VOLTS AC.

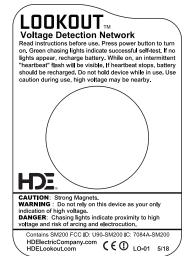
Before using, read the instruction manual and review product labeling. Press the Power / Self-Test button on the top of the Detector to turn it on and verify spinning lights before and after each use. The test circuitry generates an internal voltage which the Detector then detects by turning on the lights. DO NOT USE the LOOKOUT Detector if the Power/Self-Test button results in red lights being displayed. First try recharging the LOOKOUT Detector. If red lights continue to appear, remove from service and contact the factory to arrange for repair.



CAUTION – Press the Power/Self-Test button before and after each use to ensure proper operation.

The detector will show spinning lights and an audible alarm when it detects high voltage. For more details, refer to the Warning Distance Information starting on page 9.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following conditions: (1) This device may not cause harmful interferences, and (2) this device must accept any interference received, including interference that may cause undesired operation.



MOBILE APPLICATION

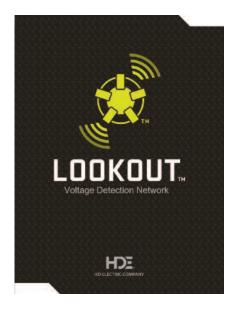
The LOOKOUT mobile application provides a method for adjusting the settings and monitoring the state of all the LOOKOUT Detectors in the network. It provides the option to turn the detectors on and off remotely, change the system voltage settings, perform self-tests, monitor alert state and check battery levels. The application is available on both the Apple® and Android® app stores.

The application will connect a phone or tablet to the to the LOOKOUT charger via Bluetooth®. The charger will then serve as a wireless bridge, communicating commands from the phone or tablet to each LOOKOUT Detector in the network. It is necessary that the charger remains powered on while using the mobile application. The application will NOT connect directly to an individual LOOKOUT Detector without the use of the charger.

After the desired voltage settings have been programmed, you may close the application and unplug the charger. The LOOKOUT Detectors will retain their settings until they are powered off.

The LOOKOUT Mobile App can be downloaded from the applicable app store or using the link on HDELookout.com.





BATTERY CARE

The LOOKOUT Detector will indicate if it has low batteries. When the batteries are low the Detector heartbeat lights become amber instead of green. The Detector will continue to detect voltage until the remaining battery life is exhausted, at which time the heartbeat will cease.

To recharge a Detector, stack the unit on top of the LOOKOUT Charger. A total of 6 LOOKOUT Detectors can be stacked and charged at one time. Make sure the magnets on the bottom of the Detectors are aligned with the steel plates on the Charger or on the LOOKOUT Detector below if being stacked. A full charge will take about 3 hours and will provide 500 hours in Monitor mode and 8 hours in Alert mode under typical conditions. A quick fifteen minute charge to a low battery will provide 8 hours in Monitor mode under typical conditions. The Detector will not connect to the mobile application, detect voltage or receive new voltage settings while charging.

If the LOOKOUT Detector will not turn on, try charging it for fifteen minutes. The battery may be drained down too far to be able to power on. If it still will not turn on then the battery may need to be replaced. For battery replacement contact HD Electric to order a replacement battery.

For battery replacement, access the battery through the door on the bottom. A screwdriver is required to open the battery compartment door. Remove and properly dispose of the old battery, replacing with a new HD Electric lithium-ion battery pack. Be sure to firmly press the battery connectors into place and replace the cover. Press the On button to confirm proper operation. If, after changing the batteries, the On button fails to confirm proper operation, DO NOT USE the LOOKOUT Detector. Remove it from service and contact the factory to arrange for repair.

LITHIUM BATTERY USE AND DISPOSAL

- Charge the battery only with the HD Electric supplied charger.
- Do not disassemble, open, crush, bend, deform, puncture or shred the internal battery.
- Contact your local recycling center or HD Electric for proper battery disposal.
- Improper battery use may result in a fire, explosion or other hazard and cancellation of manufacturer warranty.

CLEANING

To clean, wipe with a damp cloth with water. Do not use harsh chemicals or solvents.

TECHNICAL Specifications – LOOKOUT Detector

MODEL NUMBER: LO-01

TYPICAL WARNING DISTANCE: 3 feet (0.9m) from a 4kVAC conductor. For more details, refer to the Warning Distance Information starting on page 9.

OPERATING FREQUENCY: The LOOKOUT Detector will only detect 50Hz/60Hz

AC voltage - do not use below 2400 volts.

BATTERIES: Internal rechargeable Li-ion - around 500 hours in Monitor mode, 8 hours

of continuous voltage indication (Alert mode) under typical conditions

WEIGHT WITH BATTERY: 1.0 lb. (453g)

DIMENSIONS: 6.75" Dia x 1.55" H (17.14cm x 3.94cm)
VOLTAGE RANGE: 4kVAC to 500kVAC system voltage

ENCLOSURE MATERIAL: ABS UL 94-HB
PRINTED CIRCUIT BOARDS: FR-4 UL94V-0

INGRESS PROTECTION: IP67

ENVIRONMENTAL CONDITIONS

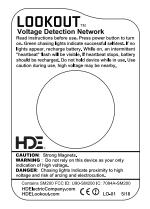
ALTITUDE: Up to 6,566 ft. (2000m)

OPERATING TEMPERATURE:
-20°F to +140°F (-29°C to +60°C)

HUMIDITY: 95% to 60°C (non-condensing)

OVERVOLTAGE CATEGORY: II Non-contact

POLLUTION DEGREE: PD4



TECHNICAL SPECIFICATIONS – LOOKOUT Charger

MODEL NUMBER: LOC-01 WEIGHT: 0.6 lb. (272g)

DIMENSIONS: 6.5 in. (16.5cm) diameter
VOLTAGE INPUT: 9VDC to 14VDC
VOLTAGE OUTPUT: 9VDC to 14VDC
ENCLOSURE MATERIAL: ABS UL 94-HB
PRINTED CIRCUIT BOARDS: FR-4 UL94V-0

INGRESS PROTECTION: IP67

ENVIRONMENTAL CONDITIONS

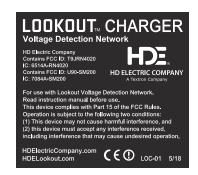
ALTITUDE: Up to 6,566 ft. (2000m)

OPERATING TEMPERATURE: -20°F to +140°F (-29°C to +60°C)

HUMIDITY: 95% to 60°C (non-condensing)

OVERVOLTAGE CATEGORY: II Non-contact

POLLUTION DEGREE: PD4



ACCESSORIES



LO-EM Equipment Mount

(shown on the left)

The LOOKOUT Equipment Mount accessory may be attached with sheet metal screws or high bond adhesive tape anywhere that a secure mounting location is desired. Using the Equipment Mount, Detectors may be placed on or around equipment that will be operated near energized conductors such as on both sides and on top of the boom of a crane, in the operator's cab or around the outriggers.

LO-CL Claw Tool for Detector Installation

(shown above mounted on hot stick)
The LOOKOUT Claw Tool accessory
may be used to easily affix or retrieve
LOOKOUT Detectors from the Equipment
Mount anywhere that is reachable
by a standard hot stick.



LO-OP Operator Unit

(shown with optional Equipment Mount)
Relays network voltage detection alerts to
the operator. Does NOT detect voltage.



LO-CB Safety Cone Mounting Bracket

The LO-CB Safety Cone Mounting Bracket accessory allows the LOOKOUT Detector to be placed on a cone for better visibility and sensitivity to overhead conductors. Use the Detector mounted on the top of this bracket for best sensitivity above and to the sides.

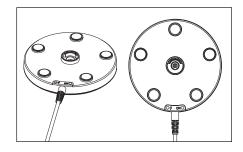


LO-HB Fence Hanger Bracket

Used on fences or any railing to provide a warning of a nearby energized field. When applied to a metal fence, the Detector will only detect conductors on the side of the fence it is hanging from.

LOC-01 Charger

LOOKOUT Charger and Wireless Bridge with 12VDC automotive jack. A total of 6 LOOKOUT Detectors can be stacked and charged at one time. Make sure the magnets on the bottom of the Detectors are aligned with the steel plates on the Charger or on the LOOKOUT Detector below if being stacked.



The Charger is also a Wireless Bridge used to communicate to the Detectors through the LOOKOUT mobile app. See page 11 for more details. It is necessary that the charger remains powered while using the mobile application. The application will NOT connect directly to an individual LOOKOUT Detector without the use of the charger.

LO-BGS Carrying Bag

Carrying bag with handles; holds 6 LOOKOUT Detectors, charger and accessory brackets.



LO-XF1 Charger Adapter, 120V

120VAC charge adapter to plug LOC-01 Charger with 12VDC adapter into 120VAC outlet.

TERMS AND CONDITIONS OF SALE

HD Electric Company is herein referred to either as "HDE" or "Seller" and the customer or person or entity purchasing goods or services (hereinafter collectively referred to as "Goods") is referred to as the "Buyer". These Terms and Conditions, any price list or schedule, quotation, acknowledgment or invoice from HDE relevant to the sale of the Goods and all documents incorporated by specific reference therein, constitute the complete and exclusive statement of the terms of the agreement governing the sale of Goods by HDE to Buyer, Buyer's acceptance of the Goods will make buyer's assertance to these terms and conditions without variation or addition. Any different or additional terms in Buyer's purchase order or other Buyer documents are hereby objected to. HDE reserves the right in its sole discretion to refuse orders.

1. PRICES AND TAXES: Unless a fixed price is quoted, the price at which this order is accepted is subject to adjustment to HDE's price in effect at the time of order. Any current or future tax or governmental charge (or increase in same) affecting Seleri's costs or production, sale or delivery or which Seleri is otherwise required to pay or collect in connection with the sale, purchase, delivery, storage, processing, use or consumption of Goods (but excluding any tax on Seleri's net increase part of the Order is a contract or the order is a consumption of the order is a contract or the order is a contract or

2. TERMS OF PAYMENT: Terms are stated on HDE's invoice in U.S. currency. HDE shall have the right, among other remedies, either to terminate this agreement or to suspend further performance under this and/or other agreements with the Buyer in the event Buyer falls to make any payment when due, which other agreements Buyer and Seleth hereby in earned accordingly, or HDE otherwise deems itself insecure. Buyer shall be liable for all expenses, including attorneys' less, retaining to the collection of past due amounts. Should Buyer is financial responsibility become unastiended to HDE. Cash payments or security staffscarlory to HDE may be required by HDE for fluture deliveries and for the goods therefolder delivered. If such cash payment or security is not provided, in addition to HDE's other rights and remedies, HDE may discontinue deliveries. HDE may apply a finance charge for payments made by credit card.

3. SHPMENT AND DELNERY. Unless otherwise expressly provided, shipments are made F.O.B. HDE's shipping point, Risk of loss or dramaps and responsibility shall pass from HDE to Buyer topon delivery to and inceptly promormor carriers. Any claims for shortages or dramages and selfered in transit are the responsibility of buyer and shall be sub-unified by the Buyer directly to the carriers. Shortages or dramages must be acknowledged and signed for at the time of delivery, While HDE will use all responsible commercial efforts to maintain the delivery date(s) acknowledged or quoted ship HDE, all shipping dates are approximate and not guaranteed. HDE reserves the right to make partial shipments. HDE, at the principal carriers are provided ship with the ship and the ship of the

4. HDE LIMITED WARRANTY: HDE covers is products with a manufacturer's warranty against defects in material or workmanship or the versus to expend or fire years in the case of Capacitor Controls and in all other circumstances for a period of new years in the case of Capacitor Controls and in all other circumstances for a period of new years in the case of Capacitor Controls and in all other circumstances for a period of new years in the case of Capacitor Controls and in all other circumstances or a period of the years in the case of Capacitor Controls and in all other circumstances or a period of the years in the case of Capacitor Controls of a period of the years in the Case of Capacitor Controls of the years of the Capacitor Controls of the Years of Ye

S. LIMITATION OF REMEDY AND LIABILITY: THE SOLE AND EXCLUSIVE REMEDY FOR BREACH OF ANY WARRANTY HEREUNDER SHALL BE LIMITED TO REPAIR, CORRECTION, REPLACEMENT OF REPORT AND REPLACEMENT OF RESERVENCY AND REPLACEMENT OF REPLACEMENT OF

6. EXCUSE OF PERFORMANCE (FORCE MAJEURE): HDE shall not be liable for delays in performance or for non-performance due to acts of God, acts of Buyer, war, fire; flood; weather; sabotage, strikes, labor disputes, o'dil disturbances or rioks; governmental requests, restrictions, allocations, laws, regulations, orders or actions; unavailability of or delays in transportation; default of suppliers; or unforeseen circumstances or events beyond HDE's reasonable control. Deliverse or other performance may be suspended for a naceportage bend or cancelled by HDE govon foots to the fevent of any of the foetogon, but the balance of this agreement shall otherwise remain unaffected. IHDE determines that its ability to supply the total demand for the Goods, or to obtain material used directly or indirectly in the manufacture of the Goods, is hindered, limited or made impranticable use to causes set forth herein, HDE may allocate its available supply of the Goods or such material (without obligation to acquire other supplies of any such Goods or materials) among itself and its purchasers on such basis as HDE determines to be equitable without liability for any failure of performance which may result therefrom.

7. CHANGES: HDE reserves the right to change designs and specifications for standard Goods without prior notice to Buyer, but not with respect to custom Goods being made for Buyer. HDE shall have no obligation to install or make such change in any Goods manufactured prior to the date of such change.

8. ASSIGNMENT: Buyer shall not assign its rights or delegate its duties hereunder or any interest herein without the prior written consent of HDE, and any such assignment, without such consent, shall be void.

9. INSTALLATION: Buyer shall be responsible for receiving, inspecting, testing, storing, installing, starting up and maintaining all Goods

10. NSPECTIONTESTING: Buyer, at its exposes, agrees that it will promptly inspect the Goods upon receipt thereof, and in no event inset than thirty (30) days from the date of receipt of the Goods. Buyer shall deliver in IDE within iffering its light and indicated into the control, but in or went let than Indy-lived (36) days from the date of receipt of the Goods so received by Buyer. In the event no such written notice of any and all deficiencies, deficiency activates may be comparable to the quantity, quality, condition, shipment, performance, price or appearance of the Goods so received by Buyer. In the event no such written notice is received by HDE. Buyer shall be deemed conclusively to how inspected and such opcode unconditionally and on these venter of uniform inspects of the control of call in damages in respect the rescue of a client damages in respect the rescue of call indicates any right or report the Goods or to client damages in respect the rescue of call indicates any right or report the Goods or to client damages in respect the rescue of call indicates any right or respect the rescue of the control of the control

11. SERVICES: If this agreement requires HDE to perform or provide any services, HDE (including without limitation its successors, assigns, agents or any person or entity acting at HDE's direction) shall not be responsible for any damages, claims, liabilities or expenses of any nature arising out of such services.

12. U.S. EXPORT CONTROL LAWS: All Goods sold to Buver by HDE hereunder are subject to U.S. Export Control Laws. Buver hereby agrees not to re-sell or divert any goods contrary to such laws

13. COMPLIANCE: Selevic/contractor shall comply with all applicable federal, state or local laws, nules, regulations, or orders. Selevic/contractor shall comply with Executive Order 11246, as amended by Executive Order 11367, and the applicable provisions or of the Office of Federal contract Compliance Programs (OFCCP), 41 CFR Part Roll, which are incorporated therein by their efference, Buyer shall comply with all applicable federal, state, or local laws, nules, regulations or orders including but not limited to the Foreign Corrupt Practices Act of 1977, as amended. HDE reserves the right to delay or refuse delivery if requests for reasonable assurances of Buyer's compliance are not tendered as requested.

14. MISCELLANEOUS: These terms and conditions supersede all other communications, negotiations and prior or all or written statements regarding the subject matter hereof. No change, modification, rescision, dischange, bandorionment, or waiver of these terms and conditions shall be binding upon HDE unless made in writing and signed on its behalf by its duy authorized representative. No conditions, usage or trade, course of dealing or performance, undestanding or agreement purporting to modify, vary, explain, or supplement these terms and conditions shall be binding unless hereafter made in writing and signed by Seller. No modification shall be effected by HDE's receipt or acceptance of Buyer's purchase orders, shipping instruction forms, of other documentation containing terms at variance with or in addition to those self forth herein, all of which are objected by HDE. No waiver by HDE with respect to any threat or default of any order of dealing, shall be deemed to constitute a continuing waiver of any other breach or default of any other right or remedy, unless such waiver be expressed in writing and signed by HDE. All typographical or derical errors made by HDE in any quotation, acknowledgment or of the signed enter shall be governed by such of the state of limits without regard to its conflict of law principles.

15. DISPUTE RESOLUTION: In the event of any dispute INCLUDING, BUT NOT LIMITED TO, BREACH OF CONTRACT, BREACH OF WARRANTY, CLAIMS BASED IN TORT, NEGLIGENCE, PRODUCT LIABILITY, FRAUD, MARKETING, STATE OR FEDERAL REGULATIONS, ANY CLAIMS REGARDING THE ENFORCEABILITY OF THIS LIMITED WARRANTY, AND THE WAIVER OF CLASS ACTION TRIALS between Buyer and Seller, either may choose to resolve the dispute by binding arbitration, as described below, instead of in out. THIS MEANS IF EITHERY OR SELLER CHOOSE BINDING ARBITRATION, DIFFIER PARTY SHALL HAVE THE RIGHT TO LITIGATE SUCH CLAIM IN COURT OR HAVE A JURY TRIAL. DISCOVERY AND APPEAL RIGHTS ARE LIMITED IN BINDING ARBITRATION. Buyer and Seller agree that the proper wanter Arbitration in sits or shorten by Buyer or Seller of all actions arising in connection herewith shall be only in the state of liminos and the gaine size bush invision state. On the connection the seventh arbitration of the discovered by the property of the property of the international Sales of Goods shall not anyly to this connection.

16. CLASS ACTION WAIVER: BINDING ARBITRATION MUST BE ON AN INDIVIDUAL BASIS. THIS MEANS NEITHER BUYER NOR SELLER MAY JOIN OR CONSOLIDATE CLAIMS IN ARBITRATION BY OR AGAINST OTHERS, OR LITIGATE IN COURT OR ARBITRATE ANY CLAIMS AS A REPRESENTATIVE OR MEMBER OF A CLASS OR IN A PRIVATE ATTORNEY GENERAL CAPACITY. ADMINISTRATION OF ARBITRATION AND ARBITRATION AND ARBITRATION ARE ARBITRATION. THE MATERIAN AND ARBITRATION ARE ARBITRATION. THE MATERIAN ARE ARBITRATION AND ARBITRATION ARE ARBITRATION. THE MATERIAN ARE ARBITRATION ARE ARBITRATION. THE MATERIAN ARBITRATION ARE ARBITRATION ARBITRATION ARE ARBITRATION. THE MATERIAN ARBITRATION ARBI

HD Electric Company is committed to ongoing review and improvement of its product lines, and thus reserves the right to modify product design and specifications without notice.

HD Electric Company® products are available through HDE® sales representatives worldwide.

HD Electric products receive final assembly and shipment from HDE's production facility at

Suite 400 - 4320 Executive Drive, Southaven, MS 38672.

HD Electric Company is ISO 9001:2015 certified