

THE MINI BEAST

120-VOLT, 2-WIRE SERVICE CONDUCTOR TESTER

PART# HJA-469-M

8 AMP LOAD QUICKLY VERIFIES PROPER BALLAST/TRANSFORMER INSTALLATION.

ISOLATES STREET LIGHT BALLASTS & TRANSFORMERS.

CHECKS FOR PROPER LINE CONNECTION,
TRANSFORMER FUNCTIONALITY, AND POWER QUALITY.

FOR NEW INSTALLATIONS, TROUBLE-SHOOTING
OR MAINTENANCE.

CAN BE USED ANYWHERE A LOW WATT LOAD IS NEEDED.



Pack along the Mini Beast for Quality Checks

***ISOLATE STREET LIGHT BALLASTS AND TRANSFORMERS TO
VERIFY PROPER 120V CONNECTION, TRANSFORMER INSTALLATION,
POWER QUALITY OR TROUBLESHOOT 120V, 2-WIRE SYSTEM SETUP.***



SAFETY | SERVICE | SAVINGS



INDUSTRY LEADERS IN
ELECTRICAL TESTING & PRODUCTS
FOR UTILITIES & COMMUNICATIONS



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IT DOESN'T GET ANY EASIER!

EXAMPLE:
CONNECTION TO ISOLATED CIRCUIT.
VOLTAGE & NEUTRAL CLIP
CONNECTIONS.

NOTE:
ALWAYS USE APPROVED PERSONAL
PROTECTION EQUIPMENT WHEN WORKING
WITH ENERGIZED CONDUCTORS.



EXAMPLE:
UNIT IS CONNECTED TO CIRCUIT.
METER WILL SHOW LINE VOLTAGE
READING WITH NO LOAD APPLIED.

NOTE:
ONLY USE ON 120V, 2-WIRE
SERVICE.

CONNECT UNIT TO ISOLATED ENERGIZED TEST CIRCUIT. IF THE CIRCUIT IS ENERGIZED, CURRENT VOLTAGE LEVEL SHOULD SHOW UP ON DIGITAL METER. FLIP THE LOAD ELEMENT SWITCH TO "ON" AND CHECK THE VOLT METER READING. IF THE VOLT METER SHOWS THE ORIGINAL LINE VOLTAGE WITHOUT A SIGNIFICANT DROP (USUALLY LESS THAN 5-7%), THE CONNECTION IS OK. IF THE VOLT METER SHOWS A VOLTAGE DROP, CHECK THE TRANSFORMER AND ISOLATED TEST CABLE FOR PROPER SETUP AND CONNECTION.

TESTING:

TEST SETUP REQUIRES ISOLATING THE STREET LIGHT CIRCUIT AND TRANSFORMER TO BE TESTED FROM ALL OTHERS. A SINGLE TEST CAN BE COMPLETED WITHIN SECONDS, BUT ALWAYS CHECK FOR PROPER TEST SETUP. TESTER WILL WORK FOR 600kVA STEP DOWN TRANSFORMERS ON THE SECONDARY SIDE OF THE TRANSFORMER.



THE MINI BEAST IS TURNED ON AND VOLT METER READS APPROX. 120V. SERVICE CONNECTIONS APPEAR TO BE OK.

THE MINI BEAST IS TURNED ON AND VOLT METER READS WELL BELOW 120V. SERVICE CABLE & CONNECTIONS SHOULD BE INSPECTED.

METER SPECIFICATIONS:

VOLTAGE RANGE 84-246 VAC
DISPLAY ACCURACY 1 VAC
ACCURACY $\pm 1V$, $\pm 2V$ MAX @ 100° F
READING SETTLING TIME~APPROX. 4 SECONDS
OPERATING TEMPERATURE: 0° F TO 122° F
LOAD ELEMENT: 8 AMP, 1000 WATTS, 120V
CONNECTORS: MUELLER CLIPS
SIZE: (CLOSED) 8.2"L x 6.5"W x 3.5"H
WEIGHT: 2.25 POUNDS, SHIPPING 4 POUNDS

ABOUT THE COMPANY

HJ ARNETT INDUSTRIES, L.L.C., IS AN OREGON COMPANY WHICH MANUFACTURES AND DISTRIBUTES PRODUCTS FOR THE ELECTRIC, TELECOMMUNICATION, AND COMMERCIAL/INDUSTRIAL INDUSTRIES.

FOR OVER 45 YEARS, THE COMPANY HAS WORKED CLOSELY WITH ITS CUSTOMERS TO DEVELOP PRACTICAL PRODUCTS GEARED TO SOLVING EVERYDAY PROBLEMS FOR UTILITIES AND INDUSTRY.

THE COMPANY'S LINE OF INSTRUMENTS HAS GROWN OUT OF DIRECT DISCUSSION WITH AND RESPONSE TO LINEMEN AND ENGINEERS. WE WELCOME YOUR INQUIRIES AND COMMENTS.

CHECK OUT THE COMPLETE LINE OF SERVICE CONDUCTOR TEST INSTRUMENTS

THE SUPER BEAST-P
20 AMP, PULSING SERVICE CONDUCTOR TESTER

THE MEGA BEAST
80 AMP, 3-WIRE SERVICE CONDUCTOR TESTER

THE PINPOINTER
UNDERGROUND SECONDARY FAULT LOCATOR

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