Form 03-1009

ZETEC

CALIBRATION CERTIFICATION

INSTRUMENT: MIZ-21C EDDY CURRENT TESTER

SERIAL NUMBER: 856842 **CONDITION CODE: E**

The calibration of this instrument has been performed using a documented, controlled Zetec procedure which meets or exceeds the manufacturer's requirements.

CUSTOMER: PEAK NDT
4407 LA-14 New Iberia, LA 70560

Zetec Calibration Laboratories have been audited and found in compliance with ISO/IEC 17025:2017. Accredited calibrations performed within the Lab's Scope of Accreditation are indicated by the presence of the Accrediting Body's name and Zetec's Certification Number on this Certificate of Calibration. Zetec hereby certifies that the equipment calibrated per this certificate meets or exceeds all manufacture specifications and has been calibrated using a documented, controlled Zetec procedure accomplished in compliance with the current Zetec Quality Program. This calibration has been performed using measurement standards whose accuracies are traceable to the International System of Units. The certificate results relate only to this calibrated instrument. There is no implied warranty that the instrument will maintain its specified tolerances during the calibration interval due to possible drift, environment, or other factors beyond Zetec control. Unless otherwise specified, Zetec utilizes the simple decision rule based on tolerance boundaries. All purchase order requirements have been met. This certificate may not be reproduced or distributed except in whole without the written authorization from Zetec.

N.I.S.T TRACEABILITY:

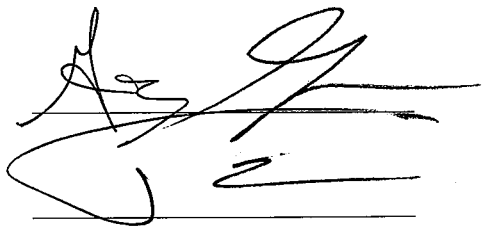
Standard	Instrument	Serial Number	Calibration Date	Expiration
AMS062	TEMP/HUMIDITY LOGGER	140202359	04-25-2024	04-25-2025
AMS101	FUNCTION GENERATOR	MY53301138	08-23-2024	08-23-2025
4917	DIGITAL MULTIMETER	6392018	04-30-2024	04-30-2025

CALIBRATION DATE: 21 February 2025

CALIBRATED BY: GREG CRUMPACKER/SR. CALIBRATION TECH

EXPIRATION DATE: 21 February 2026

REVIEWED BY: JAMES LARSEN/SR. CALIBRATION TECH



PO#: Warranty **Procedure#:** SLP-3114-PR-Z Rev. C **WO#:** 23986

COMMENTS:

TEMPERATURE: 21.1C HUMIDITY: 39.0%
DIGITAL READOUT IN 0.9 TO 110% IACS (0.5 TO 70 MS/M), ACCURACY WITHIN +/-0.5% IACS FROM 0.9% TO 65% IACS AND WITHIN +/-1.0% OF VALUES OVER 65%
MIZ-21C ARRAY, SEALED ASSY, NRTL
SYSTEM VERSION: 1.4.2.19
FPGA VERSION: 1.50
FFU: 1.2.0.19

Calibration Certification Number: 8845

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SERVICE REPORT

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Printed Date (mm/dd/yyyy)	Work Order #	Page
02/25/2025	23986	1/1
Customer # 8295	**Customer Name** Peak NDT	
Customer PO's No.	**Zetec Customer Order Reference** M7239	**Order Type** Warranty Service Order

Customer Object ID: 111A903-00-856842

Description: ZES-HHT-MIZ-21C-ARRAY

Request: MIZ-21C s/n 856842

Received Condition: INOPERATIVE

Service Type: WARRANTY SERVICES

Cause: Defective Component

Priority: Warranty

Cause Description: Repair requested.

Services Performed:
Repair, Calibration verification and Functional Test
As Found: Reported that instrument would not power up on battery power. This was duplicated during as found inspection. Found battery that was faulty and causing instrument to not power up.
Instrument failed as found diagnostic. Gains 36 to 53 were OOT. This was also causing the calibration process to fault. Found analog board was causing failures.
Repair: Replaced all 6 batteries and analog board at no charge.
Calibration: Performed calibration, functional test and allowed instrument to run for extended period of time to ensure instrument was fully functional.

Used Parts:

Part #	Description:	Qty	U of M
177A601-00	PCBA, MIZ-21C ACQUISITION BOARD ASSY	1	pcs
10061917	ZES-ACC-MIZ-21C-GEN3-NRTL BATTERY 18650 LI-ION 3.6V	6	pcs

Technician: GCRUMPACKER

Date Completed: 02/21/2025

Zetec Facility: ZETEC Snoqualmie S354

APPROVED
By Kayla Myers at 8:39 am, Apr 11, 2025