

# ELMET TECHNOLOGIES LLC - SPECIFICATION

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DEPARTMENT: **QUALITY**

PAGE: 1 of 2

SPECIFICATION: **S-22-027** REVISION: **(2)**

TITLE: **UT INSPECTION OF WHA BLOCKS - FLOWDOWN CLAUSES & STANDARDS**

CONTROLLED COPIES: **NONE**

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## 1. PURPOSE / SCOPE

To provide the testing standard and certification documentation requirements for ultrasonic inspection of tungsten heavy alloy (WHA) blocks.

## 2. TEST STANDARD and DOCUMENTATION

2.1. Each individual WHA block shall be ultrasonic inspected per:  
AMS-STD-2154, Type 1 or 2, Class B.

2.2. Testing documentation must specify the following:

- (1) Purchase Order
- (2) Test Standard the blocks were inspected to
- (3) Type of Test and Procedure
- (4) Material
- (5) Serial numbers for all blocks inspected
- (6) Total pieces inspected
- (7) Judgement for each block (PASS / FAIL). A range of serial numbers may be reported if all pass or all fail.
- (8) Number of Pieces rejected
- (9) Reason for rejection(s)

2.3. Reports to be submitted to:

[quality@elmettech.com](mailto:quality@elmettech.com)

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## 5. REVISIONS AND APPROVALS

REV	DATE	ORIGINATOR	CHANGES
-	9/22/2017	D. Drinan	Initial Issue
1	11/16/2021	D. Drinan	Moved clauses to S-22-100; revised 2.2; updated reporting email address;
2	12/7/2022	S. Brousseau	Revised 1.

APPROVER	SIGNATURE
D. Drinan	