

**ULTRASONIC EXAMINATION REPORT**

Customer: CNRL Rpt. No.: UT- 1  
 Location: NATCO , EAST WATTS 04-09-31-16W4 Job #: 540  
 Examination of: FIRETUBE Date: SEPT24 2008  
 Part/Serial Number: A-0228209 P.O.: \_\_\_\_\_  
 Acceptance Standard: AS PER Page: 1 of 3  
 Examination Standard: ASME V ART.5

**Ultrasonic Equipment:**

Make: Krautkramer Model: USN 58L Serial No.: 01FP54 Cal Date: FEB 20 2007

Cal Due Date: FEB20 2008 Cal Blocks: S/N 05-6767 Couplant: UTX T.V. \_\_\_\_\_

**Scanning Limitations:** \_\_\_\_\_


| Tansducer Angle | Frequency (MHZ) | Crystal Size (mm) | Primary Response (db) (%) | Scanning Sensitivity (dB) | Calibration Range (mm) |
|-----------------|-----------------|-------------------|---------------------------|---------------------------|------------------------|
| 0 DEGREE        | 5.0             | 0.5               | 48 DB                     | + 7 DB                    | 2.5-12.5MM             |
| 60 DEGREE       | 5.0             | 0.5               | 50DB                      | + 10                      | 25MM                   |
|                 |                 |                   |                           |                           |                        |
|                 |                 |                   |                           |                           |                        |

**EXAMINATION RESULTS:**

SHEARWAVE WAS CARRIED OUT TO DETERMINE ROOT EXISTED AND NO RELEVANT INDICATIONS WERE FOUND IN ROOT.

VISUAL INSPECTION PERFORMED PRIOR TO ULTRASONIC EXAMINATION.  
 INTERPRETATION IS DONE IN ACCORDANCE WITH THE ABOVE MENTIONED STANDARDS, TO THE BEST OF MY PROFESSIONAL ABILITY.

**Technicians:**

Print: EDWARD FARRELL CGSB/ASNT Level: II Reg. #: 12139 Sign:   
 Ass't: ADRIAN MCGRATH CGSB/ASNT Level: \_\_\_\_\_ Reg. #: \_\_\_\_\_ Sign: \_\_\_\_\_