

AI TAKAMUL COMPANY FOR ENGINEERING TESTS  
AND PROFESSIONAL SAFETY LIMITED  
Basra, North Rumaila, Quality Control Yard - Iraq



## CERTIFICATION OF VISUAL THROUGH EXAMINATION & DYE PENETRANT INSPECTION

|                                                                                                                                                                       |                                                                |                                |                                                                                                  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|--------------------------------|--------------------------------------------------------------------------------------------------|
| CLIENT:                                                                                                                                                               | HALLIBURTON WPS                                                | REPORT NO.                     | QC-24-WPS-3107-01                                                                                |
| LOCATION:                                                                                                                                                             | Burjesia Halliburton Camp Basra - IRAQ                         | NEXT INSPECTION DATE:          | 30/Jan/2025                                                                                      |
| DATE:                                                                                                                                                                 | 31/Jul/2024                                                    | ACCEPTANCE CRITERIA:           | ASTM E165/E165M ,ASTM E1417/E1417M ,EN ISO 3452-1,EN ISO 3452-2                                  |
| TYPE OF INSPECTION:                                                                                                                                                   | VISUAL , THOROUGH EXAMINATION & DYE PENETRANT INSPECTION (DPI) | HAL DOCUMENTS NO               | Halliburton Doc. (LPI ProcedureD00976849 Revision D (HAL DOC: ST-GL-HAL-HSE-0420)                |
| DESCRIPTION:                                                                                                                                                          | TRUCK CABIN LADDER                                             | SERIAL NUMBER                  | Truck 1686 / Plate number 2582 / SAP 12443774                                                    |
|   |                                                                | INSPECTION RESULT :            |                                                                                                  |
|                                                                                                                                                                       |                                                                | VISUAL , THOROUGH EXAMINATION  | Above Item fully inspected and found freedom from deforms, cracks, corrosion & mechanical damage |
|                                                                                                                                                                       |                                                                | DYE PENETRANT INSPECTION (DPI) | forgn areas inspected and found freedom from cracks and other defects                            |
|                                                                                                                                                                       |                                                                | FINAL RESULTS                  | Above Item found satisfactory and free of defects at the time of inspection                      |
|                                                                                                                                                                       |                                                                | TECHNICAL DETAILS              |                                                                                                  |
| TECHNIQUE 2 - TYPE II VISIBLE, METHOD 'A' WATER - WASHABLE                                                                                                            |                                                                |                                |                                                                                                  |
| PENETRANT DWELL TIME:                                                                                                                                                 | 30 minutes                                                     | DEVELOPER DWELL TIME:          | 15 minutes                                                                                       |
| Test Part Temperature:                                                                                                                                                | 115 °F                                                         | WHITE LIGHT INTENSITY:         | 3160 LUX                                                                                         |

| EQUIPMENT DETAILS          |                  |               |                   |               |                      | PERSONNEL DETAILS |                                                                                       | REVIEW BY         |                                                                         |
|----------------------------|------------------|---------------|-------------------|---------------|----------------------|-------------------|---------------------------------------------------------------------------------------|-------------------|-------------------------------------------------------------------------|
| EQUIPMENT :                | COMPARATOR BLOCK | EQUIPMENT :   | Digital Lux Meter | EQUIPMENT :   | INFRARED THERMOMETER | INSPECTOR NAME:   | M.Shahzad Ahmed                                                                       | SENIOR INSPECTOR: | NAVEED HUSSAIN                                                          |
| S.N:                       | 11223            | S.N:          | 2722003           | S.N:          | 201704125            | QUALIFICATION:    | ASNT LEVEL II MT & PT& VT & UT                                                        | SUPERVISOR:       | HANI ALI                                                                |
| Cal Due Date:              | 12,AUG,2024      | Cal Due Date: | 14,AUG,2024       | Cal Due Date: | 14,AUG,2024          | SIGNATURE:        |  | CLIENT:           | <b>ALi Talib HB48903</b><br>Date: 01/08/2024<br>Signature<br>Haliburton |
| Red Penetrant Manufacture: | Magnaflux        | Batch No:     | 220511            | EXPIRE DATE:  | May,2025             |                   |                                                                                       |                   |                                                                         |
| Developer Manufacture:     | Magnaflux        | Batch No:     | 220302            | EXPIRE DATE:  | March,2025           |                   |                                                                                       |                   |                                                                         |
| WATER PRESSURE             | 30 PSI           | P. GAUGE      | SSR825            | DUE CAL DATE: | 18,AUG,2024          |                   |                                                                                       |                   |                                                                         |

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