## Al TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard - Iraq



| Locatio                          | L••             |                                       | CERTIFICATION OF VISUAI, THOROUGH I           |                              |                                  |                           |                           |   | QC/24/HALL-HPS-MAY-NDT-126   |  |                |          |  |
|----------------------------------|-----------------|---------------------------------------|---|------------------------------|----------------------------------|---------------------------|---------------------------|---|--|--|----------------|----------|--|
|                                  |                 | HPS YARD                              |   |                              |                                  | Report No:<br>Iob Number: |                           |   | QC-24/HALL-HPS-054   |  |                |          |  |
| Date:                            |                 | Friday, May 10, 2024                  |   |                              |                                  |                           |                           | AFTER JOB   |  |  |                |          |  |
|                                  | ****            |                                       |   |                              |                                  | Next Inspection Date:     |                           |   | API 5A5, API Specification 5CT, 10th Edition   |  |                |          |  |
| Type Of Insp                     | pection: V      | ISUAL , THOROUGH                      | GH EXAMINATION & MAGNETIC PARTICLE INSPECTION |                              |                                  |                           | fication:                 | ANSI/API RECOMMENDED PRACTICE 5A5 & VAM TOP CONNECTION SPECS & ASTM E709                |  |  |                |          |  |
|                                  |                 |                                       |   |                              |                                  |                           | HALL DOC:                 |   |  | (Visual Procedure D003<br>(MPI Procedure D0097 |                |          |  |
|                                  |                 |                                       |   |                              |                                  |                           | NIT DESCRIPTI             | ON:   | (Stiff Joint) 4-1/2" 12.6 PPF VAMTOP Pin & Box. 4-1/2" VAMTOF<br>(12.6 PPF) Pin Connection.4-1/2" VAMTOP (12.6 PPF) Box<br>Connection<br>GREADE 105 80 KSI |  |                |          |  |
|                                  | The second      |                                       |   | 7                            |                                  |                           | UNIT S/N:                 |   |  | ITS-JOB-183-                                   | -BAS-15        |          |  |
|                                  |                 |                                       |   |                              |                                  | DIMENSIONAL :             |                           |   | OD:5-1/8"<br>ID 3.935  |  |                |          |  |
|                                  |                 |                                       |   |                              |                                  |                           | CONNECTION                | ī:  | 4-1/2" 12.6 PPF VAMTOP   |  |                |          |  |
|                                  |                 |                                       |   |                              |                                  |                           |                           |   | INSPECTION   | INSPECTION RESULT :                            |                |          |  |
|                                  |                 |                                       |   |                              |                                  | VISUAL                    | L , THOROUGH EX           | KAMINATION  | VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONEON TI<br>AVAILABLE AREAS FOR THE ABOVE DESCRIPTION   |  |                |          |  |
|                                  |                 |                                       |   |                              | MAGN                             | NETIC PARTICLE I          | NSPECTION                 | Thread& Avaliable critical areas inspected and found free from cracks and other defects |  |  |                |          |  |
|                                  |                 |                                       |   |                              |                                  | FINAL RESULTS             |                           |   | unit found satisfactory and free of defects<br>at the time of inspection   |  |                | fects    |  |
|                                  |                 |                                       |   | ⊡-21 <del>9</del>            | CARCAR2                          | COMMENT:<br>MPI Wet       |                           | nspection T   | hread With UltraV  | iolet Light/                                   |                |          |  |
| EQUIPMENT DETAILS                |                 |                                       |   |                              |                                  |                           | l                         | PERSON DE   | AILS REVIEW BY   |  |                | ?        |  |
| QUIPMENT:                        | AC/DC HAND Yoke | EQUIPMENT:                            | Shooting Coil DC                              | EQUIPMENT:                   |                                  | CK LIGHT:<br>ıw/cm²       |                           |   |  | ,  |                |          |  |
| S.NO:                            | 201504052       | S.NO:                                 | 22650   | S.NO:                        |                                  | 8977                      | INSPECTOR NA              | ME:   | mul Company  |  | NAVEED HUSSAIN |          |  |
| Cal Due Date:                    | 12.AUG.2024     | Cal Due Date:                         | 12.AUG.2024                                   | Cal Due Date:                | 12.AUG.2024                      |                           | M.SHAHZAD AHM             | MED   |  | SENIOR INSPECTOR:                              |                |          |  |
| QUIPMENT:                        | COMPARATOR BLOO | MPARATOR BLOCK <b>EQUIPMENT</b> : Pre |   | EQUIPMENT:                   | INFRARED THERMOMETER             |                           |                           | (/=//   | NP1  |  |                |          |  |
| S.NO:                            | 11223           | S.NO:                                 | SSR825  | S.NO:                        | 201704125                        |                           | ONALIFICATION             |   | CAN NO RO  |  |                |          |  |
| Cal Due Date:                    | 12,AUG,2024     | Cal Due Date:                         | 18.AUG.2024                                   | Cal Due Date:                | 14,AUG,2024                      |                           | QUALIFICATI<br>ASNT LEVEL | II \  |  | SUPERVISOR:                                    |                | HANI ALI |  |
|                                  | CENT 14HF       | Magnaflux                             |   | 220306 EXPIRE                |                                  | ARCH,2025                 | MT & PT & V               | T   | 12/18  |  |                |          |  |
| Whie Contrast Paint Manufacture: |                 |                                       |   | 220602 EXPIRE                |                                  | JUN,2025<br>gnetic Ink    |                           | X   | for Ingineering  |  |                |          |  |
| Digital Lux Meter                |                 | TECHNICAL DETAILS                     |   |                              | Manufacture:7HF  Batch No:220605 |                           | STAMP & SIGNATURE:        |   | (A.g.ite)  | CLIENT:  |                |          |  |
| S.N0:2722003 Wet                 |                 | FLUORESCENT Particle Concen           | tration 14 HF 0.1 to                          | 0.1 to 0.4 ml/100 ml Batch N |                                  | 0:220605                  |                           |   |  |  |                |          |  |