



CERTIFICATE OF THOROUGH EXAMINATION & NDT

This Certificate complies with the requirements of the ASTM & Lifting Equipment Operations and Lifting Equipment Regulations

Client	HALLIBURTON	Report No:	QC-24-01/HALL-HPS-15/C02
Item Description	GOOSE NECK	Job No:	QC-24-01/HALL-HPS-15
General Scope of Activity	Coil Tubing Unit-1 Goose Neck	Date of Inspection	15-DEC-2024
Place of Inspection	HPS Yard	Valid Until:	14-JULY-2024
Reference Standards:	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)		

This is to certify that the undersigned did at the request of Halliburton, Al Burjesia Base attend their facilities at HPS Department on **15-DEC-2024** in order to carry out the scope of services as described below.

1.0 Scope of Activity:

- 1.1) Visual Inspection of Coil Tubing Unit – **Goose Neck, Associated Pad Eyes**
- 1.2) Magnetic Particle Inspection (MPI).
- 1.3) Review of maintenance records and Previous reports
- 1.4) Issue of Report.

2.0 Summary of Inspection:

- 2.1) Thorough visual inspection of Coil Tubing Unit- **Goose Neck, SAP No- 11454363** and accessories including structure was carried out and found satisfactory.
- 2.2) MPI was performed on Pad eyes and its associated welds. The result was found satisfactory.
- 2.3) Dimensions of pad eyes were taken. The result was found satisfactory.
- 2.4) The maintenance record of the vehicle was reviewed.

3.0 Identification of item(s) verified & Details of Inspection:

A) Goose Neck

SAP No	11454363
Location:	Coiled Tubing Unit – CTU-01

THIS IS TO CERTIFY THAT; a competent person did attend the above-mentioned owner's work location on the date shown above and the equipment described in this report was tested & inspected as per the requirements of ASTM & Lifting Operations Lifting Equipment Regulation "LOLER". The result was found Satisfactory at the time of Inspection and considered Safe for Lifting.





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3.1) Visual Inspection:

- The visual Inspection of the Coil Tubing Unit- **Goose Neck** were carried out as follows:
- The **Structure welds** of the Unit were inspected and NO visible damages observed
- The visual Inspection of **Pad Eyes** was done and found satisfactory.
- No visual damages on **Painting** were observed on the external surfaces.

FINAL RESULT: PASS

3.2) Magnetic Particle Inspection (MPI):

Magnetic particle Inspection was performed on the following components.:

- **Pad Eyes** and its Associated welds

FINAL RESULT: PASS

3.3) Review of maintenance Record:

The maintenance records and test reports accessories were reviewed and found satisfactory

FINAL RESULT: PASS

4.0 CONCLUSION:

The above Coil Tubing Unit- **Goose Neck** was found to be in satisfactory condition after carrying out necessary inspection and tests subjected to proper maintenance according to manufacturer recommendation.

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AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

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PAD EYE DIMENSION					PAD EYE DIMENSION				
Serial No:	PE-01, PE-02			SWL	Serial No:	P-01, P-02, P-03, P-04			SWL
THICK.	HOLE	HEIGHT	WIDTH		THICK.	HOLE	HEIGHT	WIDTH	
25mm	27mm	118mm	126mm	4.75 TON	19mm	22mm	43 mm	77 mm	4.75 TON

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Equipment Details						Technical Details	
Equipment:	AC/DC Yoke Test Block	Equipment:	Digital Lux Meter	Equipment:	AC/DC Yoke PERMANET HAND MAGNATIC	Magnetic Particle Concentration	1.2 to 2.4 ml/100 ml
Serial No:	1657	Serial No:	2722003	Serial No:	PY - 019 PY - 02	Method	Wet Magnetic Particle Testing (WMPT)
Cal. Date:	14-Feb-2024	Cal. Date:	16-Feb-2024	Cal. Date:	14-Feb-2024		
Black Magnetic Ink Manufacture: 7 HF	Magnaflux	Batch No:	220605	Expiry Date:	July-2025	WMPT Light Intensity	1350 Lux
White Contrast Paint Manufacture: WCP 2	Magnaflux	Batch No:	220602	Expiry Date:	June-2025		

	INSPECTED & PREPARED BY	REVIEWED & APPROVED BY	CLIENT SIGNATURE & STAMP
NAME:	Aizaz Farhat LEEA NDT LEVEL II	Ashraf Elsaid LEEA NDT LEVEL II	
DESIGNATION	Inspector	Supervisor	
SIGNATURE & SEAL			

REV:01 DATED: 20 JUNE 2022

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