



Client:	Hong Hua Oil& Gas Engineering Services Ltd		
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030



INSPECTION RIG: HH008

AI TAKAMUL COMPANY Would Like to Thank You for allowing Us to Work With
You Honorable Company

Inspection Date:	14-January-2025	Validity Date:	13-January-2030
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Inspector:	Jaafar Bader	Operation Mangar:	Ahmed Abd Elkader
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Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/01
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
DQ027-19-022-HK	TDS Bonnet	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil & Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/02
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
HH191805-3	Lower Barrel Body	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/03
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
DQ027-19-012-SYHK	TDS Rotating Link Adapter	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

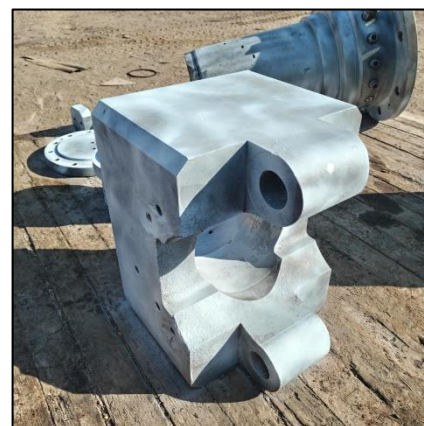
LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/04
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
HH182236-006	TDS Front Clamp Cylinder	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

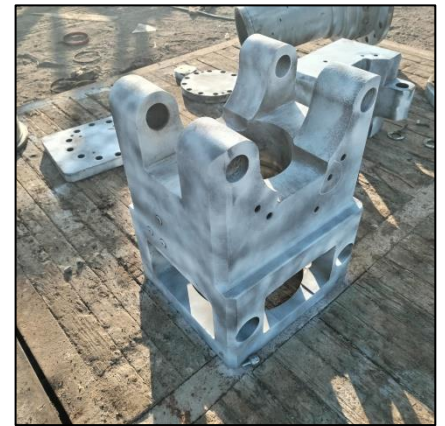
LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/05
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
HH182137-003	TDS Rear Clamp Cylinder	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/06
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
18-DQ027-202-SCJ	TDS Stabbing Guide	Accept





NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
 Identification of any part found to have a defect and a description of the defect: None
 Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
 All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil & Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/07
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
1789	TDS Load Carrying Nut	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/08
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
1122	TDS Count dance Device	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/09
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
DQ027-19-022-HK	TDS Locking Device	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/10
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
DQ027.02.02.II-19-074-YTD	TDS Safety Clamp	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	





Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/11
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
DQ027.02.02.02II-19-089-YTD	TDS Safety Clamp	Accept



NDT Equipment Details					
Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026
NDT procedure					
Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection					
Identification of any part found to have a defect and a description of the defect: None					
Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None					
All MPI was performed per OEM's instructions, and OEM did the measurements.					

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/12
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
DQ027-19-020-HK	TDS Spring Seat	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/13
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
HH193605	TDS Bail	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/13
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030
Serial Number	Description of the examined equipment	Result	
HH192619-2 HH192622-1	TDS Bail Pin	Accept	





NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure

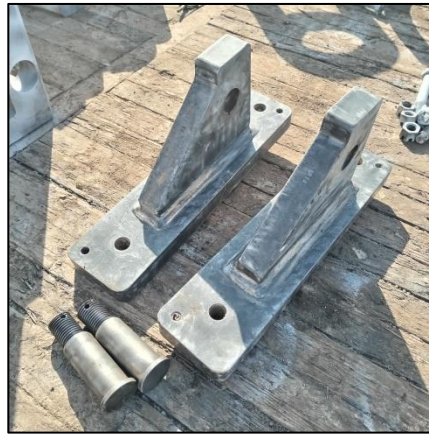
Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
Identification of any part found to have a defect and a description of the defect: None
Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/14
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030
Serial Number	Description of the examined equipment	Result	
1077 1076	TDS Bail Seat Of Balance Cylinder	Accept	





NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
Identification of any part found to have a defect and a description of the defect: None
Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/15
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030
Serial Number	Description of the examined equipment	Result	
Y4104-01-1	TDS Lifting Box	Accept	



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

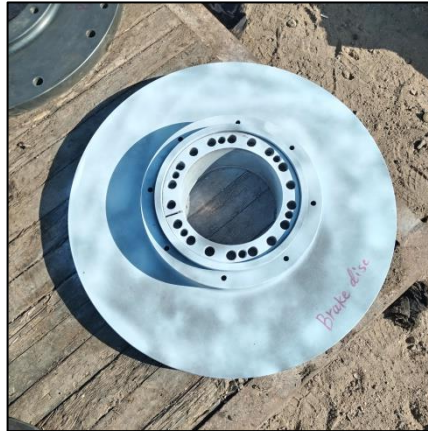
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/16
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030
Serial Number	Description of the examined equipment	Result	
HH19260-9	TDS Brake Disc	Accept	





NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
Identification of any part found to have a defect and a description of the defect: None
Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/17
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030
Serial Number	Description of the examined equipment	Result	
HH 191863	TDS Bearing Seat	Accept	



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

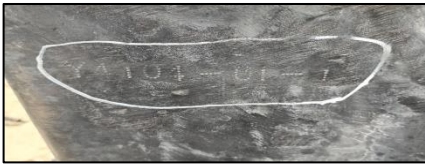
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/18
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030
Serial Number	Description of the examined equipment	Result	
Y4104-01-1	TDS Sleeve	Accept	



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

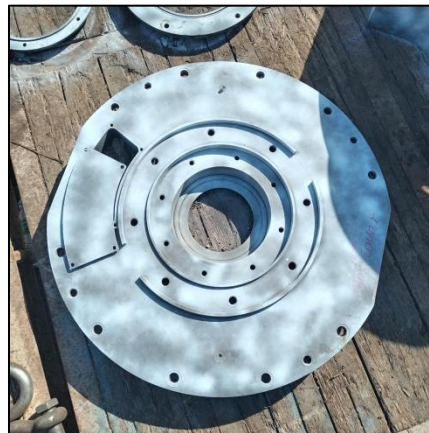
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/19
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030
Serial Number	Description of the examined equipment	Result	
1075	TDS Box Cover	Accept	



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

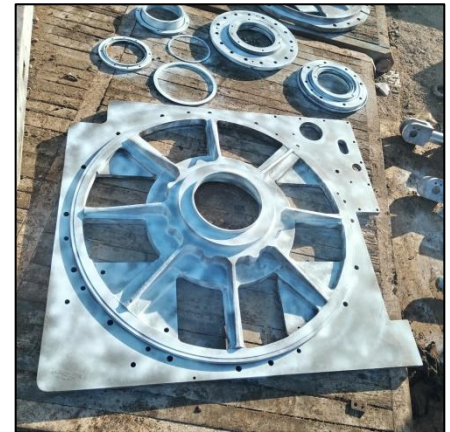
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/21
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030
Serial Number	Description of the examined equipment	Result	
ZY191025-69	TDS Motor Cover & Filter	Accept	





NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
Identification of any part found to have a defect and a description of the defect: None
Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/22
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030
Serial Number	Description of the examined equipment	Result	
ZY191025-69	TDS Motor Cover Sleeve	Accept	





NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
Identification of any part found to have a defect and a description of the defect: None
Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/23
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
1073	TDS Actuating Device	Accept





NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
Identification of any part found to have a defect and a description of the defect: None
Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
All MPI was performed per OEM's instructions, and OEM did the measurements.

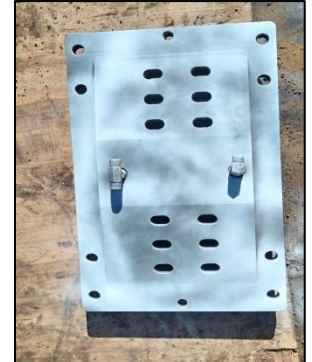
LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/24
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
1078 1079	TDS Brake Seat	Accept





NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
Identification of any part found to have a defect and a description of the defect: None
Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/25
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030
Serial Number	Description of the examined equipment	Result	
FJ20191230 FJ20191231	TDS Centrifugal Fan	Accept	



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/26
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
117 118	TDS Accumulator	Accept





NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
Identification of any part found to have a defect and a description of the defect: None
Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/27
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
1178	TDS Link Tilt Crank Assembly	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/28
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
B190267	TDS AC Motor Shield	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
 Identification of any part found to have a defect and a description of the defect: None
 Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
 All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	

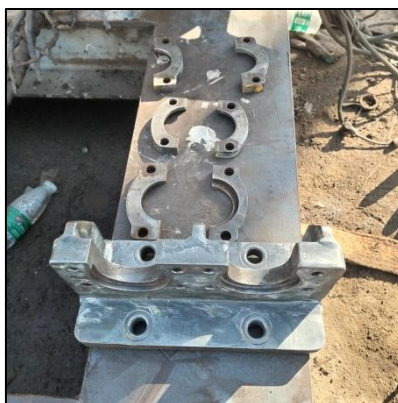




Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/29
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
76 77	TDS Clamp	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

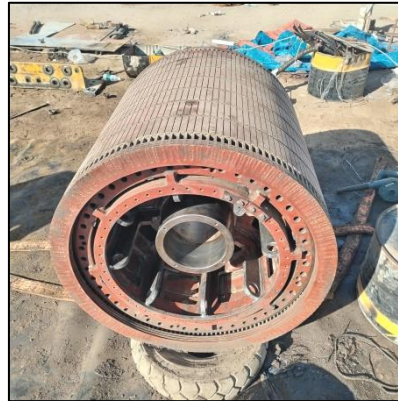
LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/30
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
191B027	TDS Motor Rotor	Accept





NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
Identification of any part found to have a defect and a description of the defect: None
Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/31
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
ZY191023-63	TDS Expansion Device	Accept





NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
 Identification of any part found to have a defect and a description of the defect: None
 Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
 All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/32
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
HH212018	TDS IBOP Actuator	Accept





NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
Identification of any part found to have a defect and a description of the defect: None
Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/33
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
5	TDS Clamp	Accept
6		



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/34
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030
Serial Number	Description of the examined equipment	Result	
DQ20-007	TDS Roller	Accept	





NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure

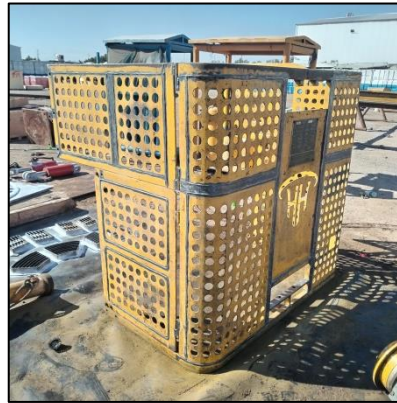
Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
Identification of any part found to have a defect and a description of the defect: None
Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/35
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030
Serial Number	Description of the examined equipment		Result
DQ20-007	TDS Cover		Accept





NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure

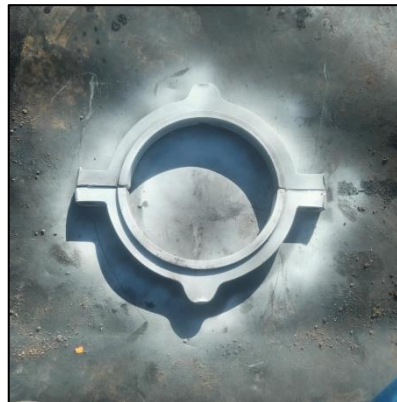
Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
Identification of any part found to have a defect and a description of the defect: None
Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/36
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030
Serial Number	Description of the examined equipment	Result	
HH220201	TDS Main Shaft Stop Clamp	Accept	





NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure

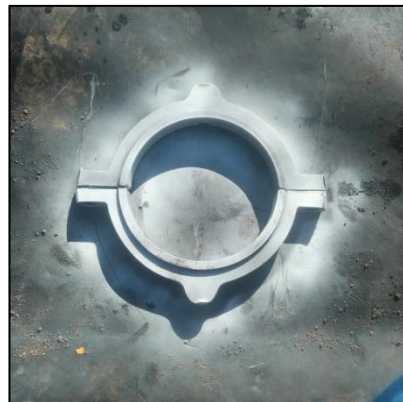
Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
Identification of any part found to have a defect and a description of the defect: None
Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/37
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030
Serial Number	Description of the examined equipment	Result	
9	TDS Stop Clamp	Accept	





NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
Identification of any part found to have a defect and a description of the defect: None
Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil & Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/38
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
HH-DQ027-19-027-1	TDS Guide Rail	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/39
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030
Serial Number	Description of the examined equipment		Result
HH-DQ027-18-005-5	TDS Guide Rail		Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

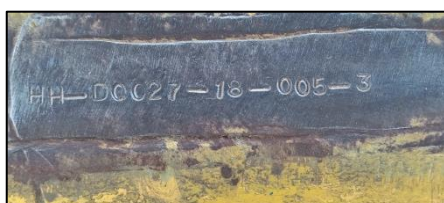
LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil & Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/40
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
HH-DQ027-18-005-3	TDS Guide Rail	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

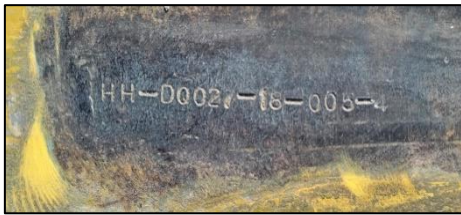
LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil & Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/41
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
HH-DQ027-18-005-4	TDS Guide Rail	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil & Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/42
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
HH-DQ027-18-005-2	TDS Guide Rail	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil & Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/43
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
DQ20-007	6 EA Pins for TDS Guide Rail	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/44
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
1133	TDS Hanger Plate	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/45
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
1144	TDS Upper Adjusting Plate	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report



Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/46
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
1177	TDS Plate	Accept



NDT Equipment Details					
Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure	
Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection	
Identification of any part found to have a defect and a description of the defect: None	
Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None	
All MPI was performed per OEM's instructions, and OEM did the measurements.	

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report



Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/47
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
1177	6 EA Pins for TDS Hanger	Accept



NDT Equipment Details					
Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026

NDT procedure
Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection
Identification of any part found to have a defect and a description of the defect: None
Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None
All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/48
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
5587	TDS Lower Adjusting Plate	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/49
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
5588	TDS Anti Torque Beam	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/50
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
1155 1156	TDS Carriage Frame	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/51
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
HH-0012	TDS Rail Mounting Frame	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	



Visual & Magnetic Particles Examination Report

Client:	Hong Hua Oil& Gas Engineering Services Ltd	Certificate no:	QC-HH-01-25-007/52
Location:	HH Rig 008	Job Order No:	QC-HH-01-25-007
Date of Examination:	14-January-2025	Next Inspection Due:	13-January-2030

Serial Number	Description of the examined equipment	Result
666	Upper Anti-Torque Device	Accept



NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11. May.2025
White Contrast	WCP-2	Batch No:	008A009	Due Date	April.2026
Black Ink	7HF	Batch No:	008A103	Due Date	Jun.2026



NDT procedure

Visual and MPI were carried out for the above description and found free of surface defects at the time of inspection

Identification of any part found to have a defect and a description of the defect: None

Particulars of any repair, renewal, or alteration required to remedy the defect identified above: None

All MPI was performed per OEM's instructions, and OEM did the measurements.

LEEA & ASNT Level II Inspector Name:	Signature:	Authenticating This Report:	Signature:
Jaafar Bader		Mohammed Abdulla	


ULTRASONIC FLAW DETECTION (UFD) CERTIFICATE

Certificate No: QC-HH-01-25-007-53	Location: HH Rig 008	UFD Inspection Date: 14-January-2025
Client: Hong Hua – Rig Number: HH008	Work order and/or Job No.: -	UFD Inspection Due Date: 13-January-2030
Item(s) to be inspected: TDS Lifting Bail		
UFD Relative Standards/Specifications: API 8B and OEM Specification		Material: Carbon Steel
UFD Acceptance Criteria: API 8B and OEM Specification		Average Thickness: 143 (Side) – 165 (Top) mm OD:
Ultrasonic Testing Equipment		Surface Condition: brushed and cleaned
UFD Instrument - Maker: Sonatest Model: Site Scan D50 S. No.: I017374 Calibration Due Date: 23-June-2025		Surface Temperature: 31 C°
search unit(s) - Maker: Sonatest Models: STARC 4MHz (45°), STARC 4MHz (0°) S. Nos 33200 (70°), 40318 (0°)		Sketch (direct on this page <input type="checkbox"/> / attached <input checked="" type="checkbox"/>)
Sizes: 29 × 15mm (45°), 10 mm² (0°)		
beam angle(s) used: <input checked="" type="checkbox"/> 45° <input type="checkbox"/> 60° <input type="checkbox"/> 70° <input checked="" type="checkbox"/> Straight (normal) beam		
search unit cable(s) - type and length: LEMO 00 - LEMO 01 Single cable, 1m Length		
Couplant - brand name and/or type: Hydraulic oil		
Calibration Data		
Calibration block(s) identification: IIW - V1 Calibration Block		Damping, Reject Setting(s), if used: N/A
Reference level gain (dB): 55.9 dB (45° Probe)		Scanning gain (dB): + 6db
Reference reflector(s): side drilled holes (2.5mm)		Evaluating Method(s): 40 % FSH
Distance reading(s): ½ skip, Full skip, 1 ½ skip		Sensitivity (Echo Amplitude as % FSH): 80 %
Sound path length: 700 mm range.		


Observations

Location of Inspection (All accessible OD Surface)			
			

 Serial Number: **HH193605**
UFD Results

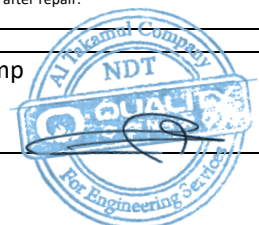
Item Number	Probe (degree, frequency)	Location/Side	ΔH (%)	Indication				Evaluation	Remarks – Results
				y	x	l	Depth		
HH193605	0°(Normal), 4MHz	Area A – Top and Side	-	-	-	-	-	-	No defects found at the time of inspection
	45°, 4MHz	Area A - Top and Side	-	-	-	-	-	-	No defects found at the time of inspection
	0°(Normal), 4MHz	Area B – Top and Side	-	-	-	-	-	-	No defects found at the time of inspection
	45°, 4MHz	Area B - Top and Side	-	-	-	-	-	-	No defects found at the time of inspection
	0°(Normal), 4MHz	Areas C and Crown - Top and Side	-	-	-	-	-	-	No defects found at the time of inspection
	45°, 4MHz	Areas C and Crown - Top and Side	-	-	-	-	-	-	No defects found at the time of inspection

y: Distance from zero coordinates (vertically), x: Distance from zero coordinates (horizontally), l: Total length of indication(s), arrows indicate zero coordinates

Comments:

- UFD by normal angle was carried out on OD Accessible surfaces for the item mentioned above and found free of any flaws or any relevant indication at the time of inspection
- UFD by shear waves (45) was carried out on OD Accessible surfaces for the item mentioned above and found free of flaws or relevant indications at the time of inspection and after repair.
- All dimensions are in mm


Inspector Name:	Jaafar Bader	Reviewed by:	Mohammed Abdullah	Stamp
Qualification:	ASNT LEVEL II MT & PT & UT	Date:	14-January-2025	
Signature:		Signature:		






ULTRASONIC FLAW DETECTION (UFD) CERTIFICATE

Certificate No: QC-HH-01-25-007-54	Location: HH Rig 008	UFD Inspection Date: 14-January-2025
Client: Hong Hua – Rig Number: HH008	Work order and/or Job No.: -	UFD Inspection Due Date: 13-January-2030
Item(s) to be inspected: TDS Lifting Bail Pin		
UFD Relative Standards/Specifications: API 8B and OEM Specification		Material: Carbon Steel
UFD Acceptance Criteria: API 8B and OEM Specification		Average Thickness: Solid Shaft with lubrication ways OD: 125 mm

Ultrasonic Testing Equipment UFD Instrument - Maker: Sonatest Model: Site Scan D50 S. No.: I017374 Calibration Due Date: 23-June-2025		Surface Condition: brushed and cleaned Surface Temperature: 30 C°
search unit(s) - Maker: Sonatest Models: STARC 4MHz (45°), STARC 4MHz (0°) S. Nos 33200 (70°), 40318 (0°) Sizes: 29 × 15mm (45°), 10 mm² (0°)		Sketch (direct on this page <input type="checkbox"/> / attached <input checked="" type="checkbox"/>) 
beam angle(s) used: <input checked="" type="checkbox"/> 45° <input type="checkbox"/> 60° <input type="checkbox"/> 70° <input checked="" type="checkbox"/> Straight (normal) beam		
search unit cable(s) - type and length: LEMO 00 - LEMO 01 Single cable, 1m Length		
Couplant - brand name and/or type: Hydraulic oil		
Calibration Data Calibration block(s) identification: IIW - V1 Calibration Block Damping, Reject Setting(s), if used: N/A		
Reference level gain (dB): 55.9 dB (45° Probe) Scanning gain (dB): + 6db		
Reference reflector(s): side drilled holes (2.5mm) Evaluating Method(s): 40 % FSH		
Distance reading(s): ½ skip, Full skip, 1 ½ skip Sensitivity (Echo Amplitude as % FSH): 80 %		
Sound path length: 700 mm range.		

Observations

Location of Inspection (All accessible OD Surface)	
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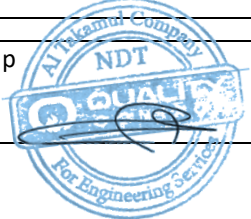
Serial Number: **HH192622-1**

UFD Results

Item Number	Probe (degree, frequency)	Location/Side	ΔH (%)	Indication				Evaluation	Remarks – Results
				y	x	l	Depth		
HH192622-1	0°(Normal), 4MHz	100% Of accessible OD surfaces	-	-	-	-	-	-	No defects found at the time of Inspection
	45°, 4MHz	100% Of accessible OD surfaces	-	-	-	-	-	-	No defects found at the time of Inspection


y: Distance from zero coordinates (vertically), x: Distance from zero coordinates (horizontally), l: Total length of indication(s), arrows indicate zero coordinates

- Comments:
- UFD by normal angle was carried out on OD Accessible surfaces for the item mentioned above and found free of any flaws or any relevant indication at the time of inspection
 - UFD by shear waves (45) was carried out on OD Accessible surfaces for the item mentioned above and found free of flaws or relevant indications at the time of inspection and after repair.
 - All dimensions are in mm

Inspector Name:	Jaafar Bader	Reviewed by:	Mohammed Abdullah	Stamp 
Qualification:	ASNT LEVEL II MT & PT & UT	Date:	14-January-2025	
Signature:		Signature:		



ULTRASONIC FLAW DETECTION (UFD) CERTIFICATE

Certificate No: QC-HH-01-25-007-55	Location: HH Rig 008	UFD Inspection Date: 14-January-2025
Client: Hong Hua – Rig Number: HH008	Work order and/or Job No.: -	UFD Inspection Due Date: 13-January-2030
Item(s) to be inspected: TDS Lifting Bail Pin		
UFD Relative Standards/Specifications: API 8B and OEM Specification	Material: Carbon Steel	
UFD Acceptance Criteria: API 8B and OEM Specification	Average Thickness: Solid Shaft with lubrication ways OD: 125 mm	
Ultrasonic Testing Equipment		Surface Condition: brushed and cleaned
UFD Instrument - Maker: Sonatest Model: Site Scan D50 S. No.: I017374 Calibration Due Date: 23-June-2025		Surface Temperature: 30 C°
search unit(s) - Maker: Sonatest Models: STARC 4MHz (45°), STARC 4MHz (0°) S. Nos 33200 (70°), 40318 (0°) Sizes: 29 × 15mm (45°), 10 mm² (0°)		Sketch (direct on this page <input type="checkbox"/> / attached <input checked="" type="checkbox"/>)
beam angle(s) used: <input checked="" type="checkbox"/> 45° <input type="checkbox"/> 60° <input type="checkbox"/> 70° <input checked="" type="checkbox"/> Straight (normal) beam		
search unit cable(s) - type and length: LEMO 00 - LEMO 01 Single cable, 1m Length		
Couplant - brand name and/or type: Hydraulic oil		
Calibration Data		
Calibration block(s) identification: IIW - V1 Calibration Block	Damping, Reject Setting(s), if used: N/A	
Reference level gain (dB): 55.9 dB (45° Probe)	Scanning gain (dB): + 6db	
Reference reflector(s): side drilled holes (2.5mm)	Evaluating Method(s): 40 % FSH	
Distance reading(s): ½ skip, Full skip, 1 ½ skip	Sensitivity (Echo Amplitude as % FSH): 80 %	
Sound path length: 700 mm range.		

Observations

<p>Location of Inspection (All accessible OD Surface)</p>	
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Serial Number: **HH192622-2**

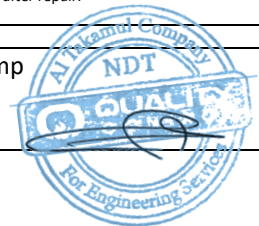
UFD Results

Item Number	Probe (degree, frequency)	Location/Side	ΔH (%)	Indication				Evaluation	Remarks – Results
				y	x	l	Depth		
HH192622-2	0°(Normal), 4MHz	100% Of accessible OD surfaces	-	-	-	-	-	-	No defects found at the time of Inspection
	45°, 4MHz	100% Of accessible OD surfaces	-	-	-	-	-	-	No defects found at the time of Inspection

y: Distance from zero coordinates (vertically), x: Distance from zero coordinates (horizontally), l: Total length of indication(s), arrows indicate zero coordinates


- Comments:
- UFD by normal angle was carried out on OD Accessible surfaces for the item mentioned above and found free of any flaws or any relevant indication at the time of inspection
 - UFD by shear waves (45) was carried out on OD Accessible surfaces for the item mentioned above and found free of flaws or relevant indications at the time of inspection and after repair.
 - All dimensions are in mm

Inspector Name:	Jaafar Bader	Reviewed by:	Mohammed Abdullah	Stamp
Qualification:	ASNT LEVEL II MT & PT & UT	Date:	14-January-2025	
Signature:		Signature:		





ULTRASONIC FLAW DETECTION (UFD) CERTIFICATE

Certificate No: QC-HH-01-25-007-56	Location: HH Rig 008	UFD Inspection Date: 14-January-2025
Client: Hong Hua – Rig Number: HH008	Work order and/or Job No:	UFD Inspection Due Date: 13-January-2030
Item(s) to be inspected: TDS Rotating Shaft		
UFD Relative Standards/Specifications: API 8B and OEM Specification		Material: Carbon Steel
UFD Acceptance Criteria: API 8B and OEM Specification		Average Thickness: 56 – 100 mm OD: Variable
Ultrasonic Testing Equipment		Surface Condition: brushed and cleaned
UFD Instrument - Maker: Sonatest Model: Site Scan D50 S. No.: I017374 Calibration Due Date: 23-June-2025		Surface Temperature: 30 C°
search unit(s) - Maker: Sonatest Models: STARC 4MHz (45°), STARC 4MHz (0°) S. Nos 33200 (70°), 40318 (0°) Sizes: 29 × 15mm (45°), 10 mm² (0°)		Sketch (direct on this page <input type="checkbox"/> / attached <input checked="" type="checkbox"/>) 
beam angle(s) used: <input checked="" type="checkbox"/> 45° <input type="checkbox"/> 60° <input type="checkbox"/> 70° <input checked="" type="checkbox"/> Straight (normal) beam		
search unit cable(s) - type and length: LEMO 00 - LEMO 01 Single cable, 1m Length		
Couplant - brand name and/or type: Hydraulic oil		
Calibration Data		
Calibration block(s) identification: IIW - V1 Calibration Block	Damping, Reject Setting(s), if used: N/A	
Reference level gain (dB): 55.9 dB (45° Probe)	Scanning gain (dB): + 6db	
Reference reflector(s): side drilled holes (2.5mm)	Evaluating Method(s): 40 % FSH	
Distance reading(s): ½ skip, Full skip, 1 ½ skip	Sensitivity (Echo Amplitude as % FSH): 80 %	
Sound path length: 700 mm range.		

Observations

Location of Inspection (All accessible OD Surface)	
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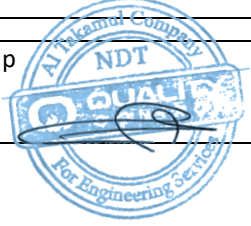
Serial Number: **HH220201**

UFD Results

Item Number	Probe (degree, frequency)	Location/Side	ΔH (%)	Indication				Evaluation	Remarks – Results
				y	x	l	Depth		
HH220201	0°(Normal), 4MHz	100% Of accessible OD surfaces	–	–	–	–	–	–	No defects found at the time of Inspection
	45°, 4MHz	100% Of accessible OD surfaces	–	–	–	–	–	–	No defects found at the time of Inspection

y: Distance from zero coordinates (vertically), x: Distance from zero coordinates (horizontally), l: Total length of indication(s), arrows indicate zero coordinates

- Comments:
- UFD by normal angle was carried out on OD Accessible surfaces for the item mentioned above and found free of any flaws or any relevant indication at the time of inspection
 - UFD by shear waves (45) was carried out on OD Accessible surfaces for the item mentioned above and found free of flaws or relevant indications at the time of inspection and after repair.
 - All dimensions are in mm

Inspector Name:	Jaafar Bader	Reviewed by:	Mohammed Abdullah	Stamp 
Qualification:	ASNT LEVEL II MT & PT & UT	Date:	14-January-2025	
Signature:		Signature:		