



Visual & Magnetic Particles Examination Report

Client Name:	Hong Hua Oil & Gas Engineering Services Ltd	Location:	Rig HH-008	Job Number:	QC-B-06-25-0363
Date of Examination:	13-06-2025	Date of Report:	16-06-2025	Certificate No:	QC-B-06-25-0363-10

Serial Number	Description of the examined equipment	Result
HZ06	Mast Rising Sheave	Pass
Location:	A-Frame - Driller Side	



Sheave No	Nominal Wire Rope Dim:	Actual depth	Max Allowable Groove Depth=1.75D	Min Allowable Groove Depth=1.33D	Remarks/Results
HZ06	72mm	100.7 mm	126mm	95.76mm	Accepted

NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11-NOV-2025
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2026
Black Ink	7HF	Batch No:	220605	Due Date	01-2026

NDT procedure


Visual and MPI 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

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud		12-12-2025

REV: 01 Dated: 20 June 2022



Visual & Magnetic Particles Examination Report

Client Name:	Hong Hua Oil & Gas Engineering Services Ltd	Location:	Rig HH-008	Job Number:	QC-B-06-25-0363
Date of Examination:	13-06-2025	Date of Report:	16-06-2025	Certificate No:	QC-B-06-25-0363-11

Serial Number	Description of the examined equipment	Result
HZ13	Mast Rising Sheave	Pass
Location:	Substructure - Driller Side	



Sheave No	Nominal Wire Rope Dim:	Actual depth	Max Allowable Groove Depth=1.75D	Min Allowable Groove Depth=1.33D	Remarks/Results
HZ13	72mm	100.2 mm	126mm	95.76mm	Accepted

NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11-NOV-2025
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2026
Black Ink	7HF	Batch No:	220605	Due Date	01-2026

NDT procedure


Visual and MPI 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

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud		12-12-2025

REV: 01 Dated: 20 June 2022





Visual & Magnetic Particles Examination Report

Client Name:	Hong Hua Oil & Gas Engineering Services Ltd	Location:	Rig HH-008	Job Number:	QC-B-06-25-0363
Date of Examination:	13-06-2025	Date of Report:	16-06-2025	Certificate No:	QC-B-06-25-0363-12

Serial Number	Description of the examined equipment	Result
HZ08	Mast Rising Sheave	Pass
Location:	Substructure - Off-Driller Side	



Sheave No	Nominal Wire Rope Dim:	Actual depth	Max Allowable Groove Depth=1.75D	Min Allowable Groove Depth=1.33D	Remarks/Results
HZ08	72mm	100.2 mm	126mm	95.76mm	Accepted

NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11-NOV-2025
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2026
Black Ink	7HF	Batch No:	220605	Due Date	01-2026

NDT procedure


Visual and MPI 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

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud		12-12-2025

REV: 01 Dated: 20 June 2022





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Client Name:	Hong Hua Oil & Gas Engineering Services Ltd	Location:	Rig HH-008	Job Number:	QC-B-06-25-0363
Date of Examination:	13-06-2025	Date of Report:	16-06-2025	Certificate No:	QC-B-06-25-0363-13

Serial Number	Description of the examined equipment	Result
HZ05	Mast Rising Sheave	Pass
Location:	A-Frame / Off-Driller Side	



Sheave No	Nominal Wire Rope Dim:	Actual depth	Max Allowable Groove Depth=1.75D	Min Allowable Groove Depth=1.33D	Remarks/Results
HZ05	72mm	100.1 mm	126mm	95.76mm	Accepted

NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11-NOV-2025
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2026
Black Ink	7HF	Batch No:	220605	Due Date	01-2026

NDT procedure


Visual and MPI 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

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud		12-12-2025

REV: 01 Dated: 20 June 2022



Visual & Magnetic Particles Examination Report

Client Name:	Hong Hua Oil & Gas Engineering Services Ltd	Location:	Rig HH-008	Job Number:	QC-B-06-25-0363
Date of Examination:	13-06-2025	Date of Report:	16-06-2025	Certificate No:	QC-B-06-25-0363-14

Serial Number	Description of the examined equipment	Result
HZ07	Mast Rising Sheave	Pass
Location:	A-Frame / Middle Side	



Sheave No	Nominal Wire Rope Dim:	Actual depth	Max Allowable Groove Depth=1.75D	Min Allowable Groove Depth=1.33D	Remarks/Results
HZ07	38 mm	62.1 mm	66.5 mm	50.54 mm	Accepted

NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11-NOV-2025
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2026
Black Ink	7HF	Batch No:	220605	Due Date	01-2026

NDT procedure


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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

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud		12-12-2025

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Visual & Magnetic Particles Examination Report

Client Name:	Hong Hua Oil& Gas Engineering Services Ltd	Location:	Rig HH-008	Job Number:	QC-B-06-25-0363
Date of Examination:	13-06-2025	Date of Report:	16-06-2025	Certificate No:	QC-B-06-25-0363-15

Serial Number	Description of the examined equipment	Result
HZ11	Mast Rising Sheave	Pass
Location:	Substructure / Off-Driller Side	



Sheave No	Nominal Wire Rope Dim:	Actual depth	Max Allowable Groove Depth = 1.75D	Min Allowable Groove Depth=1.33D	Remarks/Results
HZ11	72mm	100.2 mm	126mm	95.76mm	Accepted

NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11-NOV-2025
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2026
Black Ink	7HF	Batch No:	220605	Due Date	01-2026

NDT procedure


Visual and MPI 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

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud		12-12-2025

REV: 01 Dated: 20 June 2022





Visual & Magnetic Particles Examination Report

Client Name:	Hong Hua Oil & Gas Engineering Services Ltd	Location:	Rig HH-008	Job Number:	QC-B-06-25-0363
Date of Examination:	13-06-2025	Date of Report:	16-06-2025	Certificate No:	QC-B-06-25-0363-16

Serial Number	Description of the examined equipment	Result
HZ03	Mast Rising Sheave	Pass
Location:	Mast / Off-Driller Side	



Sheave No	Nominal Wire Rope Dim:	Actual depth	Max Allowable Groove Depth = 1.75D	Min Allowable Groove Depth=1.33D	Remarks/Results
HZ03	72mm	100.1 mm	126mm	95.76mm	Accepted

NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-NOV-2025
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2026
Black Ink	7HF	Batch No:	220605	Due Date	01-2026

NDT procedure


Visual and MPI 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

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud		12-12-2025

REV: 01 Dated: 20 June 2022



Visual & Magnetic Particles Examination Report

Client Name:	Hong Hua Oil & Gas Engineering Services Ltd	Location:	Rig HH-008	Job Number:	QC-B-06-25-0363
Date of Examination:	13-06-2025	Date of Report:	16-06-2025	Certificate No:	QC-B-06-25-0363-17

Serial Number	Description of the examined equipment	Result
HZ04	Mast Rising Sheave	Pass
Location:	Mast / Off-Driller Side	



Sheave No	Nominal Wire Rope Dim:	Actual depth	Max Allowable Groove Depth=1.75D	Min Allowable Groove Depth=1.33D	Remarks/Results
HZ04	72mm	100.1 mm	126mm	95.76mm	Accepted

NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11-NOV-2025
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2026
Black Ink	7HF	Batch No:	220605	Due Date	01-2026

NDT procedure


Visual and MPI 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

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud		12-12-2025

REV: 01 Dated: 20 June 2022



Visual & Magnetic Particles Examination Report

Client Name:	Hong Hua Oil & Gas Engineering Services Ltd	Location:	Rig HH-008	Job Number:	QC-B-06-25-0363
Date of Examination:	13-06-2025	Date of Report:	16-06-2025	Certificate No:	QC-B-06-25-0363-18

Serial Number	Description of the examined equipment	Result
HZ01	Mast Rising Sheave	Pass
Location:	Mast / Driller Side	



Sheave No	Nominal Wire Rope Dim:	Actual depth	Max Allowable Groove Depth=1.75D	Min Allowable Groove Depth=1.33D	Remarks/Results
HZ01	72mm	100.1 mm	126mm	95.76mm	Accepted

NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11-NOV-2025
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2026
Black Ink	7HF	Batch No:	220605	Due Date	01-2026

NDT procedure


Visual and MPI 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

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud		12-12-2025

REV: 01 Dated: 20 June 2022



Visual & Magnetic Particles Examination Report

Client Name:	Hong Hua Oil & Gas Engineering Services Ltd	Location:	Rig HH-008	Job Number:	QC-B-06-25-0363
Date of Examination:	13-06-2025	Date of Report:	16-06-2025	Certificate No:	QC-B-06-25-0363-19

Serial Number	Description of the examined equipment	Result
HZ02	Mast Rising Sheave	Pass
Location:	Mast / Driller Side	



Sheave No	Nominal Wire Rope Dim:	Actual depth	Max Allowable Groove Depth=1.75D	Min Allowable Groove Depth=1.33D	Remarks/Results
HZ02	72mm	100.1 mm	126mm	95.76mm	Accepted

NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11-NOV-2025
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2026
Black Ink	7HF	Batch No:	220605	Due Date	01-2026

NDT procedure


Visual and MPI 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

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud		12-12-2025

REV: 01 Dated: 20 June 2022



Visual & Magnetic Particles Examination Report

Client Name:	Hong Hua Oil & Gas Engineering Services Ltd	Location:	Rig HH-008	Job Number:	QC-B-06-25-0363
Date of Examination:	13-06-2025	Date of Report:	16-06-2025	Certificate No:	QC-B-06-25-0363-20

Serial Number	Description of the examined equipment	Result
HZ12	Mast Rising Sheave	Pass
Location:	Substructure / Off-Driller Side	



Sheave No	Nominal Wire Rope Dim:	Actual depth	Max Allowable Groove Depth=1.75D	Min Allowable Groove Depth=1.33D	Remarks/Results
HZ12	72mm	100.1 mm	126mm	95.76mm	Accepted

NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11-NOV-2025
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2026
Black Ink	7HF	Batch No:	220605	Due Date	01-2026

NDT procedure


Visual and MPI 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

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud		12-12-2025

REV: 01 Dated: 20 June 2022



Visual & Magnetic Particles Examination Report

Client Name:	Hong Hua Oil& Gas Engineering Services Ltd	Location:	Rig HH-008	Job Number:	QC-B-06-25-0363
Date of Examination:	13-06-2025	Date of Report:	16-06-2025	Certificate No:	QC-B-06-25-0363-21

Serial Number	Description of the examined equipment	Result
HZ10	Mast Rising Sheave	Pass
Location:	Substructure / Off-Driller Side	



Sheave No	Nominal Wire Rope Dim:	Actual depth	Max Allowable Groove Depth=1.75D	Min Allowable Groove Depth=1.33D	Remarks/Results
HZ10	72mm	100.1 mm	126mm	95.76mm	Accepted

NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2025
Black Ink	7HF	Batch No:	220605	Due Date	7-1-2025

NDT procedure


Visual and MPI 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

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud		12-12-2025

REV: 01 Dated: 20 June 2022





Visual & Magnetic Particles Examination Report

Client Name:	Hong Hua Oil & Gas Engineering Services Ltd	Location:	Rig HH-008	Job Number:	QC-B-06-25-0363
Date of Examination:	13-06-2025	Date of Report:	16-06-2025	Certificate No:	QC-B-06-25-0363-22


Serial Number	Description of the examined equipment	Result
HZ16	Mast Rising Sheave	Pass
Location:	Substructure / Driller Side	



Sheave No	Nominal Wire Rope Dim:	Actual depth	Max Allowable Groove Depth=1.75D	Min Allowable Groove Depth=1.33D	Remarks/Results
HZ16	72mm	100.1 mm	126mm	95.76mm	Accepted

NDT Equipment Details					
Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11-NOV-2025
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2026
Black Ink	7HF	Batch No:	220605	Due Date	01-2026

NDT procedure	
Visual and MPI 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	

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud		12-12-2025

REV: 01 Dated: 20 June 2022





Visual & Magnetic Particles Examination Report

Client Name:	Hong Hua Oil& Gas Engineering Services Ltd	Location:	Rig HH-008	Job Number:	QC-B-06-25-0363
Date of Examination:	13-06-2025	Date of Report:	16-06-2025	Certificate No:	QC-B-06-25-0363-23

Serial Number	Description of the examined equipment	Result
HZ17	Mast Rising Sheave	Pass
Location:	Substructure / Driller Side	



Sheave No	Nominal Wire Rope Dim:	Actual depth	Max Allowable Groove Depth=1.75D	Min Allowable Groove Depth=1.33D	Remarks/Results
HZ17	72mm	100.1 mm	126mm	95.76mm	Accepted

NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11-NOV-2025
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2026
Black Ink	7HF	Batch No:	220605	Due Date	01-2026

NDT procedure


Visual and MPI 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

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud		12-12-2025

REV: 01 Dated: 20 June 2022



Visual & Magnetic Particles Examination Report

Client Name:	Hong Hua Oil & Gas Engineering Services Ltd	Location:	Rig HH-008	Job Number:	QC-B-06-25-0363
Date of Examination:	13-06-2025	Date of Report:	16-06-2025	Certificate No:	QC-B-06-25-0363-24

Serial Number	Description of the examined equipment	Result
HZ15	Mast Rising Sheave	Pass
Location:	Substructure / Driller Side	



Sheave No	Nominal Wire Rope Dim:	Actual depth	Max Allowable Groove Depth=1.75D	Min Allowable Groove Depth=1.33D	Remarks/Results
HZ15	72mm	100.1 mm	126mm	95.76mm	Accepted

NDT Equipment Details

Standard	ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	11-NOV-2025
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2026
Black Ink	7HF	Batch No:	220605	Due Date	01-2026

NDT procedure


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Identification of any part found to have a defect and a description of the defect:

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None

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