

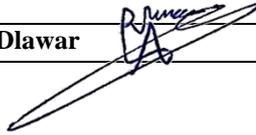


Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B



ABERDEEN Technical Services Would Like to Thank You for Giving Us the Opportunity to Work With Your Honorable Company

Inspection Date:	26-11-2023	Due Date:	25-11-2028
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Inspector:	Aram Dlawar 	OEM:	
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International Well Control Forum



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ATS-RIG-F-012 ISSUE 1 JUN 2023



Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

The Rig Was Equipped with NOV Power Swivel, with The Following Specification:

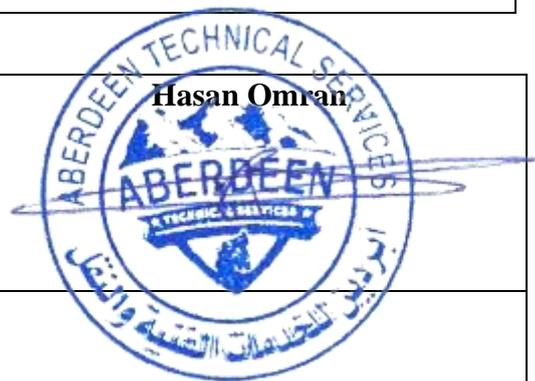
Equipment:	Power Swivel
Model:	Nov S-150
S/N:	XK-18-1054772
Marker & Date of Manufacture:	NOV
Ref Standard:	API RP 8B
Inspection Frequency:	Every 5 Years

QTY:	1 (set)
Product description:	Nov S-150 Power swivel
Max. Rated Load:	-
Manufacture:	NOV

Remarks:

Detailed reports are attached detailing all readings and results in pages (05-29).

Inspector:	Aram Dlawar 	Supervisor:	Hasan Omran 
OEM:			



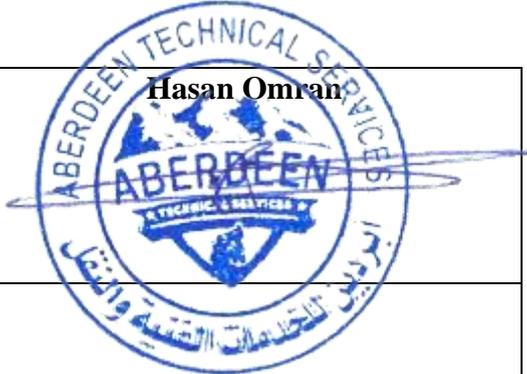


Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
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PROCEDURE	
<ul style="list-style-type: none"> ➤ The Power Swivel was Inspected and Found Conformable to the Relevant Standard. ➤ The Rig was equipped with NOV Power Swivel ➤ Power Swivel found completely Disassembled for CAT IV inspection 	
Action	Result
1. Visually check the body, bail, bottom connection and gooseneck for any Damage, wear or cracks	Performed
2. MPI the critical load bearing items of the swivel like the bail, bail connection and Bottom connection	Performed
3. Manufacture Name Plate In Place, All Specification of the power swivel Were Obtained From Attached Manufacture Manual And Manufacture Certificate.	Performed
4. Carry out wall thickness measurement of the gooseneck	Performed

* Visual and MPI Was Carried Out on the Available Critical& Welding Areas of the Crown Block and Found **Satisfactory for Further Use.**

** CAT IV Inspection Was Carried Out on Crown Block and Found **Accepted** at The Time of Inspection.

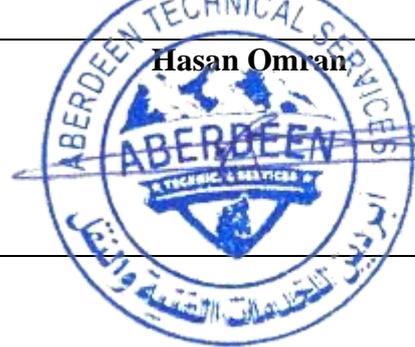
Inspector:	Aram Dlawar 	Supervisor:	Hasan Omran 
OEM:			



Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

PICTORIAL:



Inspector:	Aram Dlawar 	Supervisor:	Hasan Omran 
OEM:			





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-1

Serial Number	Description of the examined equipment	Result
XK-18-1054772	Final stage pinion gear	Pass
S/N:	05420-0000 (2) , 05420-0000 (6)	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-2

Serial Number	Description of the examined equipment	Result
XK-18-1054772	First stage gear	Pass
S/N:	05419-0000-1	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-3

Serial Number	Description of the examined equipment	Result
XK-18-1054772	Bail pin	Pass
S/N:	47287803-1 , 47287803-3	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028



Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-4

Serial Number	Description of the examined equipment	Result
XK-18-1054772	Second shaft pinion gear	Pass
S/N:	05421-0000-2	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-5

Serial Number	Description of the examined equipment	Result
XK-18-1054772	Final stage pinion gear	Pass
S/N:	05422-00-2	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-6

Serial Number	Description of the examined equipment	Result
XK-18-1054772	Lower bearing retainer	Pass
S/N:	10377859-001	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-7

Serial Number	Description of the examined equipment	Result
XK-18-1054772	gooseneck	Pass
S/N:	1045115-001	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-8

Serial Number	Description of the examined equipment	Result
XK-18-1054772	Motor adapter	Pass
S/N:	10450808-001 , 10450811-001	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-9

Serial Number	Description of the examined equipment	Result
XK-18-1054772	Stop cover	Pass
S/N:	10470034-001	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-10

Serial Number	Description of the examined equipment	Result
XK-18-1054772	Lower cover	Pass
S/N:	10450800-002	



NDT Equipment Details

Standard	ASTM E709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-11

Serial Number	Description of the examined equipment	Result
XK-18-1054772	bonnet	Pass
S/N:	10384034-001	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-12

Serial Number	Description of the examined equipment	Result
XK-18-1054772	Wash pipe nut	Pass
S/N:	10459915-001 , 10384038-001	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-13

Serial Number	Description of the examined equipment	Result
XK-18-1054772	Torque arrestor	Pass
S/N:	212853-005 , 212853/005	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-14

Serial Number	Description of the examined equipment	Result
XK-18-1054772	Wrench hook	Pass
S/N:	10452230-001	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-15

Serial Number	Description of the examined equipment	Result
XK-18-1054772	guard	Pass
S/N:	212062-012-BSC-D	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-16

Serial Number	Description of the examined equipment	Result
XK-18-1054772	bail	Pass
S/N:	47302789-1	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-17

Serial Number	Description of the examined equipment	Result
XK-18-1054772	Main shaft	Pass
S/N:	TC-17161403-17	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-18

Serial Number	Description of the examined equipment	Result
XK-18-1054772	Thrust bearing	Pass
S/N:	VFT9570 + 11404	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-19

Serial Number	Description of the examined equipment	Result
XK-18-1054772	Helical gear	Pass
S/N:	G-C-13107G	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-20

Serial Number	Description of the examined equipment	Result
XK-18-1054772	housing	Pass
S/N:	47310548-1	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028



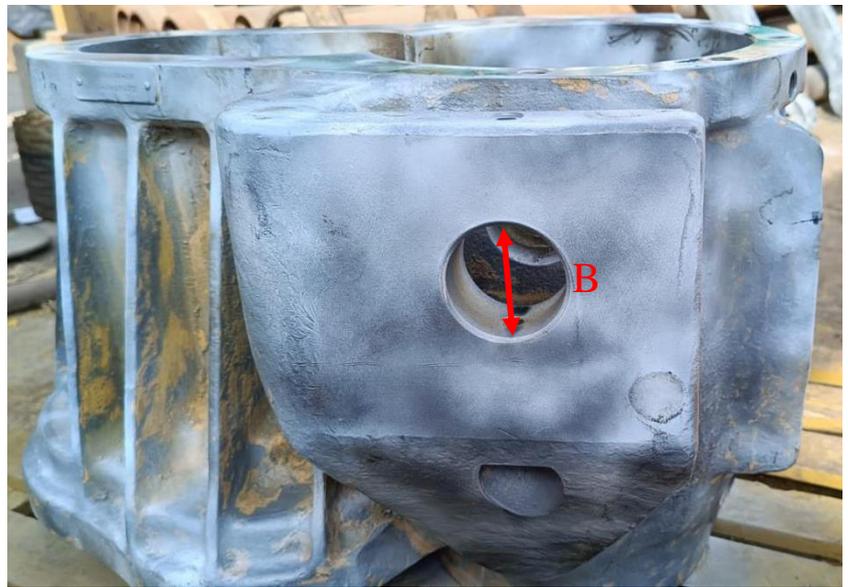


Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-21

Serial Number	Description of the examined equipment	Result
XK-18-1054772	housing	Pass
S/N:	47310548-1	



Dimensional Verification

Length:	NA	
Description:	OEM	Actual Value (mm)
Maximum Hole Internal Diameter(A):	Shall be Verified by the client/OEM	63.80
Maximum Hole Internal Diameter(B):	Shall be Verified by the client/OEM	63.80

NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-22

Serial Number	Description of the examined equipment	Result
XK-18-1054772	Bail	Pass
S/N:	47302489-1	



Dimensional Verification

Length:	NA	
Description:	OEM	Actual Value (mm)
Maximum Hole Internal Diameter(A):	Shall be Verified by the client/OEM	63.82
Maximum Hole Internal Diameter(B):	Shall be Verified by the client/OEM	63.85

NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

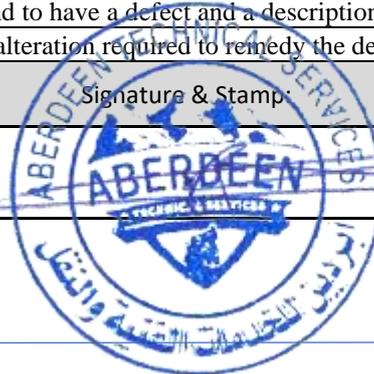
NDT procedure

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:
Aram Dlawar		25-11-2028



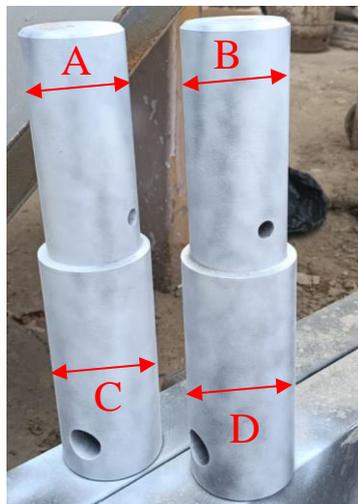


Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-23

Serial Number	Description of the examined equipment	Result
XK-18-1054772	Bail pin	Pass
S/N:	47287803-1 , 47287803-3	



Dimensional Verification

Length:	NA	
Description:	OEM	Actual Value (mm)
Maximum Outside Diameter(A):	Shall be Verified by the client/OEM	63.25
Maximum Outside Diameter(B):	Shall be Verified by the client/OEM	63.30
Maximum Outside Diameter(C):	75.43 mm	76.00
Maximum Outside Diameter(D):	75.43 mm	76.00

NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-10	Due Date	17-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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:
Aram Dlawar		25-11-2028





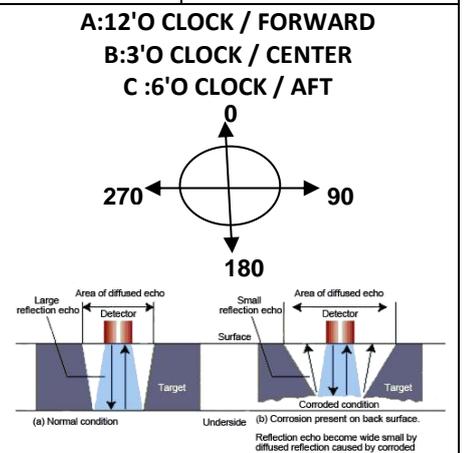
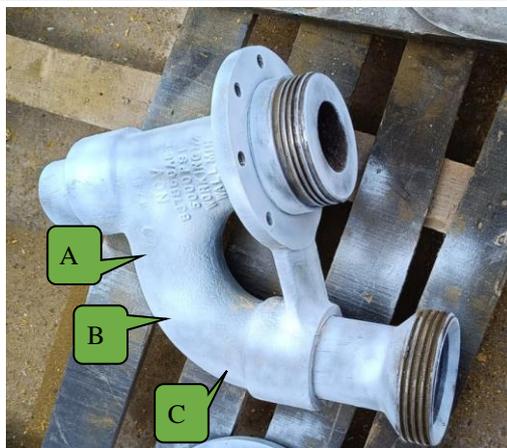
Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual, Magnetic Particles Examination and Ultrasonic Thickness Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
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Date of Examination	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-24
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Serial Number	Description of the examined equipment	Result
1045115-001	Gooseneck	Accepted



ANGLES	UT WALLTHICKNESS POSITION MEASURED IN MM								MINIMUM THICKNESS
	A	B	C	D	E	F	G	H	
0°	11.70	12.10	13.10	-	-	-	-	-	6.98
90°	12.00	12.35	13.45	-	-	-	-	-	
180°	11.65	12.50	13.20	-	-	-	-	-	
270°	11.75	12.33	13.10	-	-	-	-	-	

Equipment Details

Standard	ASTM E797/ ASTM E709/API RP 8B	Specification:	H.H OEM Data Book	Method	WET
Yoke	Permanent	Serial No:	PY-09	Due Date	16-02-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025
Ultrasonic Thickness Meter	UT-1	Serial No:	5202746	Due Date	16-2-2024

INSPECTION EVALUATION

During UT all the readings are within the tolerance and Accepted according to the specification mentioned above.

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**

Remarks: Minimum of Wall thickness Provided By OEM

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-12-23-2486
Date of Examination:	26-Nov-2023	Date of Report:	26-Nov-2023	Certificate No:	ATS-12-23-2486-PWS-001-25

Serial Number	Description of the examined equipment	Result
XK-18-1054772	Wire line plug and threads	Pass
S/N:	-	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Dc coil	Dc coil	Serial No:	026	Cal. Due Date	17-02-2024
fluorescent magnetic ink	FLUXO 6	Batch No:	L221115	Due Date	15-11-2027
Uv light	UV light	Serial No:	52852	Due Date	16-02-2024

NDT procedure

Visual and black light inspection carried out for the **Wire line plug and threads** 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:
Aram Dlawar		25-11-2028





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

Inspection Report For Saver Subs

Client Name:	HILONG OIL SERVICES & ENGINEERING CO.LTD	Job No.:	ATS-12-23-2486
Specification:	<input type="checkbox"/> API <input checked="" type="checkbox"/> DS-1 <input type="checkbox"/> Client	Date of Inspection:	25/12/2023
Work Location:	HILONG BASE	Report No:	ATS-12-23-2486-SS-01

METHODOLOGY:	<ul style="list-style-type: none"> Through Visual inspection Dimensional 3 	•MPI inspection with Ultraviolet light
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TEST EQUIPMENT & CONSUMABLE DETAILS			
WHITE CONTRAST WCP-2	Batch #: 220602 Manufacture: Magnaflux Exp Date: JUN,2025	TECHNICAL DETAILS	Wet Visible Continuous
BLACK INK 7HF	Batch#: 220605 Manufacture: Magnaflux Exp Date: JULY.2025	COIL(1200 AMP-TURNS/IN	RC2-060120151 CAL. Date. 17.AUG.2023 CAL Due Date 16.FEB.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504044 CAL. Date. 17.AUG.2023 CAL Due Date 16.FEB.2024
INTENSITY METER	SR#1608000134 CAL. Date. 17.AUG.2023 CAL Due Date 16.FEB.2024	UV BLACK LIGHT	SR#52852 CAL. Date. 17.AUG.2023 CAL Due Date 16.FEB.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 CAL. Date. 17.AUG.2023 CAL Due Date 16.FEB.2024	THREAD PROFILE GAGE	SR#21336 CAL. Date. 17.AUG.2023 CAL Due Date 16.FEB.2024
Magnetic Particle Concentration 7 HF	1.2 TO 2.4 ML/100 ML	WMPT Light Intensity	1350 Lux
magnetic particle concentration fluorescent 14 HF	0.1 TO 0.4 ML/100 ML	UV LIGHT INTENSITY:	2850 μw/cm ²

Magnetism Direction (Longitudinal)

Serial No.	Description	Connections		Inspection Results			Dimensional 3 Inspection														
		Pin	Box	Pin	Box	Body	Pin						Box					Body			
							OD(In)	ID(In)	SRG φ(In)	SRG ω(In)	Pin λ(In)	Bevel φ(In)	OD(In)	CB φ(In)	CB δ(In)	BB φ(In)	BBL φ(In)	Bevel δ(In)	Pin Tong (In)	Overall λ (In)	Fishin g Neck (In)
052312103	Saver sub	NC 38	NC 38	Acc	Acc	Acc	4 25/32	2 1/4	-	-	3 15/16	4 21/32	4 25/32	4 1/16	5/8	-	-	4 21/32	-	19 9/16	-
041906802	Saver sub	NC 38	NC 38	Acc	Acc	Acc	4 3/4	2 1/4	-	-	3 15/16	4 5/8	4 25/32	4 1/16	5/8	-	-	4 21/32	-	20 7/16	-

Conclusion:	■ 02 saver subs above were found "Acceptable". At time of Inspection Ready for Use.
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Abbreviations :

OD	Outside Diameter	ID	Inside Diameter	SRG	Stress Relief Groove	CB	Counter Bore	BB	Bore Back	FB	Float Bore
φ	Diameter	λ	Length	ω	Width	δ	Depth	NP.	Not Present	NA.	Not Applicable
EGR	Elevator Groove Recess	SGR	Slip Groove Recess	CR	Crack	B	Bent	PC	Premium Class	RF	Reface
GT	Galled Thread	TP	Thread Pitting	SP	Seal Pitting	TD	Thread Damage	SD	Seal Damage	M	Mashed
1	100 % Coating	2	99-71 % Coating	3	70-40 % Coating	4	Up to 40 %	5	Nil	WT	Wall Thickness
Colors Code:		Red	Re-cut Conn.	Yellow	2 nd Class	Orange	3 rd Class	Blue	Short T. Joint	Green	Need Hard Banding

Supervisor: Hasan Osman
Client: _____

Inspector: Aram Dlawar





Customer:	Hilong Oil Services & Engineering – Rig 99	Date Of Service:	26-Nov-2023
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-23-2486-PWS-001
Location:	Hamdan Industrial Area	Specification:	API RP 8B

PICTORIAL:



International Well Control Forum



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inspection@aberdeents-iq.com

ATS-RIG-F-012 ISSUE 1 JUN 2023