

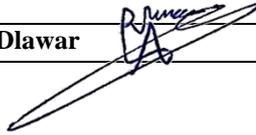


Customer:	Hilong Oil Services & Engineering – Rig 100	Date Of Service:	13-June-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-06-24-3466-PWS-001
Location:	Hilong100-R055	Specification:	API RP 8B



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

Inspection Date:	13-06-2024	Due Date:	12-12-2024
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Inspector:	Aram Dlawar 	OEM:	
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International Well Control Forum



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ATS-RIG-F-033 ISSUE 1 JUN 2023



Customer:	Hilong Oil Services & Engineering – Rig 100	Date Of Service:	13-June-2024
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The Rig Was Equipped with NOV Power Swivel, with The Following Specification:

Equipment:	Power Swivel
Model:	Nov S-150
S/N:	47324738-1
Marker & Date of Manufacture:	NOV
Ref Standard:	API RP 8B
Inspection Frequency:	Every 06 Months

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 (03-09).

Inspector:	Aram Dlawar 	Supervisor:	Meysam Minaei 
OEM:			



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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 	
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

* Visual and MPI Was Carried Out on the Accessible Critical Areas of the Power Swivel and Found **Satisfactory for Further Use.**

** CAT III Inspection Was Carried Out on Power swivel and Found **Accepted** at The Time of Inspection.

Inspector:	Aram Dlawar 	Supervisor:	Meysam Minaei 
OEM:			





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Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Hilong100-R055	Job Number:	ATS-06-24-3466
Date of Examination:	13-06-2024	Date of Report:	13-06-2024	Certificate No:	ATS-06-24-3466-PWS-001

Serial Number	Description of the examined equipment	Result
47324738-1	Power Swivel	Pass
S/N:	47324738-1	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	AC yoke	Serial No:	201504044	Due Date	04-07-2024
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 		12-12-2024





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Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Hilong100-R055	Job Number:	ATS-06-24-3466
Date of Examination:	13-06-2024	Date of Report:	13-06-2024	Certificate No:	ATS-06-24-3466-PWS-001

Serial Number	Description of the examined equipment	Result
47324738-1	Power Swivel	Pass
S/N:	47324738-1	



NDT Equipment Details

Standard	API RP 8B & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	AC yoke	Serial No:	201504044	Due Date	04-07-2024
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 		12-12-2024





Customer:	Hilong Oil Services & Engineering – Rig 100	Date Of Service:	13-June-2024
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Location:	Hilong100-R055	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	Industrial Area	Job Number:	ATS-06-24-3466
Date of Examination:	13-06-2024	Date of Report:	13-06-2024	Certificate No:	ATS-06-24-3466-PWS-001

Serial Number	Description of the examined equipment	Result
47324738-1	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	04-07-2024
fluorescent magnetic ink	FLUXO 6	Batch No:	L221115	Due Date	15-11-2027
Uv light	UV light	Serial No:	52852	Due Date	04-07-2024

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		12-12-2024



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Location:	Hilong100-R055	Specification:	API RP 8B

Inspection Report For Saver Subs

Client Name:	HILONG OIL SERVICES & ENGINEERING CO.LTD	Job No.:	ATS-06-24-3466
Specification:	<input type="checkbox"/> API <input checked="" type="checkbox"/> DS-1 <input type="checkbox"/> Client	Date of Inspection:	13/06/2024
Work Location:	HILONG BASE	Report No:	ATS-06-24-3466-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. 05.Jan.2023 CAL Due Date 04.July.2024
FLUORESCENT 14HF	Batch #: 220306 Manufacture: Magnaflux Exp Date: March.2025	A.C HAND YOKE	201504044 CAL. Date. 05.Jan.2023 CAL Due Date 04.July.2024
INTENSITY METER	SR#1608000134 CAL. Date. 05.Jan.2023 CAL Due Date 04.July.2024	UV BLACK LIGHT	SR#52852 CAL. Date. 05.Jan.2023 CAL Due Date 04.July.2024
LEAD GAGE	SR#AH07KF0027 GAEMAKER LG-5003 CAL. Date. 05.Jan.2023 CAL Due Date 04.July.2024	THREAD PROFILE GAGE	SR#21336 CAL. Date. 05.Jan.2023 CAL Due Date 04.July.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)	BBB δ(In)	BBL δ(In)	Bevel δ(In)	Pin Tong (In)	Overall A (In)	Fishing Neck g (In)
2018/7/8/4SH	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	-	20 1/4	-

Conclusion:	■ 01 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: Meysam Minaei

Inspector: Aram Dlawar





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PICTORIAL:



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