



Customer:	Hilong Oil Services & Engineering	Date Of Service:	08.06.2024
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-06-24-3466- MPI-02-03
Rig & Rig Number:	RIG HL100	Specification:	API spec 7K



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

Inspection Date:	08.06.2024	Due Date:	07.12.2024
Inspector:	Jaafar Badr 	Supervisor:	Meysam Mmanci
OEM:			





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The Rig Was Equipped with Zhengzhou Baolai Machinery Manufacturing CO. Master Bushing, with The Following Specification:

Equipment:	Master Bushing
Model/SN:	ZP275 / J98
Date of Manufacture:	-
Manufacturer:	Zhengzhou Baolai Machinery Manufacturing CO
Reference Standard:	API RP 7K

**Remarks:**

Detailed reports are attached detailing all readings and results in page 5.

Inspector:	Jaafar Badr 	Supervisor:	 Meysam Minaei
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**PROCEDURE**

- The Master Bushing Has Been Inspected and Found Conformable to the Relevant Standard(s)
- The Rig was equipped with Zhengzhou Baolai Machinery Manufacturing CO. LTD Master Bushing.
- Master Bushing Found Partly Stripped Down /Dismantling Condition for CAT III Inspection.

**Action**

**Result**

• Visually checked the master bushing for any damage or cracks.	Pass
• Measure the wear of the bushing. refer to the manufacturer wear limits.	Pass
• Performed MPI on the master bushing & pin.	Pass
• Check the availability and condition of the manufacture’s serial number.	Pass
• Grease the bushing.	Pass
• Repaint as required.	Pass
• Prepare and submit the inspection report.	Pass

\*\* Visual And MPI Was Carried out on The Critical Areas Of The master bushing and Found **Satisfactory for Further Use.**

\*\* CAT III Inspection Was Carried Out on the master bushing and Found **Accepted** At The Time of Inspection.

**Remarks:**

Detailed reports are attached detailing all readings and results in Page 5.

Inspector:	Jaafar Badr 	Supervisor:	Meysan Minaei 
OEM:			



International Well Control Forum



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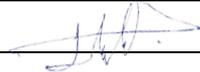
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PICTORIAL:



Inspector:	Jaafar Badr 	Supervisor:	Meysam Minaei 
OEM:			



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## Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL100	Job Number:	ATS-06-24-3466
Date of Examination:	08.06.2024	Date of Report:	08.06.2024	Certificate No:	ATS-06-24-3466- MPI-02-03

Serial Number	Description of the examined equipment	Result
J98	Master bushing	Pass



### Dimensional Verification

Description:	OEM	Actual Value (mm)	Result
Length of taper (A):	324 new (15mm tolerance)	313	accept
Inside diameter of throat(B):	257.18 new (5mm tolerance)	262	accept
Outside diameter(C):	New 696.913 (5mm tolerance)	696	accept

### NDT Equipment Details

Standard	API spec 7K & 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:
Jaafar Badr	Meysam Minaei	07.12.2024

