



Customer:	Hilong Oil Services & Engineering	Date Of Service:	23-06-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-06-24-3466-TB-001
Rig & Rig Number:	RIG-100	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:	23-06-2024	Due Date:	22-12-2024
------------------	------------	-----------	------------

Inspector:	Aram Dlawar 	OEM:	
------------	---	------	--





Customer:	Hilong Oil Services & Engineering	Date Of Service:	23-06-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-06-24-3466-TB-001
Rig & Rig Number:	RIG-100	Specification:	API RP 8B

The Rig Was Equipped with SJ PETRO-MACHINERY GROUP CO.LTD Travelling Block, with The Following Specification:

Equipment:	Travelling Block
Model:	YC180
S/N:	180702
Marker & Date of Manufacture:	07-2018
Ref Standard:	API RP 8B
Inspection Frequency:	Every 06 Months

QTY:	01
Product description:	Travelling block
Max. Rated Load:	1800 KN
Manufacture:	SJ PETRO-MACHINERY GROUP CO.LTD
Nominal diameter of wire line:	29 mm / 1 1/8"
Total Weight:	5146 Kgs / 11347 lbs
Sheave OD:	915 mm / 36"

Remarks:
Detailed reports are attached detailing all readings and results in pages (03-07)

Inspector:	Aram Dlawar 	Supervisor:	Meysam Minaei
OEM:			



Customer:	Hilong Oil Services & Engineering	Date Of Service:	23-06-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-06-24-3466-TB-001
Rig & Rig Number:	RIG-100	Specification:	API RP 8B

PROCEDURE

- The Travelling Block was Inspected and Found Conformable to the Relevant Standard.
- The Rig was equipped with SJ PETRO-MACHINERY GROUP CO.LTD Travelling block
- Traveling block found fully installed and the drilling line was in place, for CAT III inspection.

Action	Result
1. Manufacture Name Plate In Place, All Specification of the travelling block Were Obtained From Attached Manufacture Manual And Manufacture Certificate.	Performed
2. All foreign material such as dirt, paint, grease, oil, scale, etc. shall be removed from the concerned parts by a suitable method	Performed
3. Visually check of the side plates and other load bearing items (connections to the hook, Elevator link ears etc.) for damage or cracks.	Performed
4. Visually check for any missing locking pins of the block attachment connections.	Performed
5. Visually inspect all surfaces of the sheaves and grooves for signs of deformation, wear, or damage.	Performed
6. Inspect the groove for any signs of wire line corrugations (wire line negative impressions). Inspect for any signs of sheave contact between the sheaves.	Performed
7. NDT inspection of the accessible areas of the sheaves without disassembly.	Performed
8. NDT the hang-off point of the block and record the SWL which should be visible close by.	Performed
9. NDT & Dimensional Check the critical areas, which may require some disassembly, in line with the OEM recommendations.	Performed
10. Visually check the wear tolerances of the bearings with pry bar & check for equal spacing between sheaves.	Performed
11. Travelling block sheaves grooves Radii were measured as per API 8B, 8C recommendations for Worn and reconditioned sheaves and the reading are below. (**)	Performed
12. Measure & document the wear of the sheaves & reference the value to OEM recommendations.	Performed
13. Sheaves Groove Depth were measured and the actual depths found between a Minimum Of 1.33d And a Maximum Of 1.75 d, where d Is the Nominal Rope Diameter (*)	Performed
14. repaint the block as required.	Performed
15. Prepare and submit the inspection report.	Performed



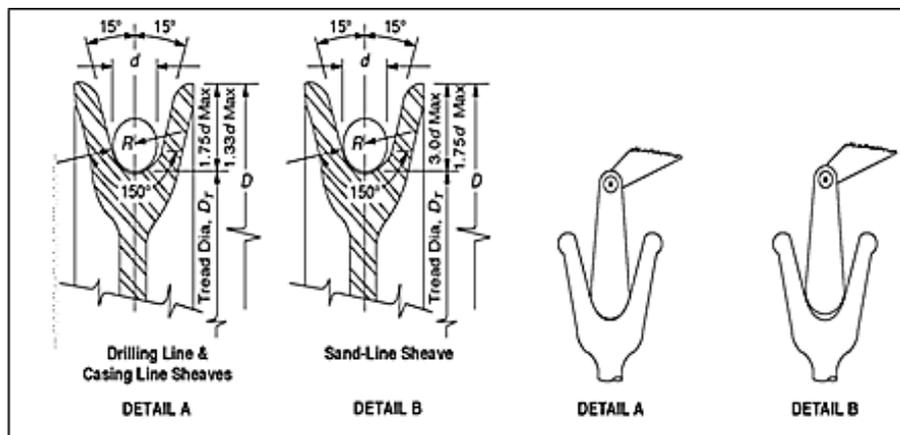


Customer:	Hilong Oil Services & Engineering	Date Of Service:	23-06-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-06-24-3466-TB-001
Rig & Rig Number:	RIG-100	Specification:	API RP 8B

INSPECTION RESULTS:

***Travelling block Sheaves - Groove Depth Measurements**

Sheaves No:	Nominal Wire Rope Dim:	Actual Depth:	Max Allowable Groove Depth =1.75 d	Min Allowable Groove Depth =1.33 d	Remarks/Results
1	29	45.50	50.75	38.57	Accepted
2	29	45.60	50.75	38.57	Accepted
3	29	45.55	50.75	38.57	Accepted
4	29	45.65	50.75	38.57	Accepted
5	29	45.60	50.75	38.57	Accepted



****Travelling block Sheaves - Groove Radii Measurements**

Sheaves No:	Nominal Wire Rope Dim:	Actual Groove radii	Groove radii min allowable worn as per API 9B	Groove radii max allowable worn as per API 9B	Remarks/Results
1	29	15.20	14.66	15.72	Accepted
2	29	15.25	14.66	15.72	Accepted
3	29	15.15	14.66	15.72	Accepted
4	29	15.25	14.66	15.72	Accepted
5	29	15.20	14.66	15.72	Accepted

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

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

Inspector:	Aram Dlawar	Supervisor:	Meysam Minaei
OEM:			



Customer:	Hilong Oil Services & Engineering	Date Of Service:	23-06-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-06-24-3466-TB-001
Rig & Rig Number:	RIG-100	Specification:	API RP 8B

PICTORIAL



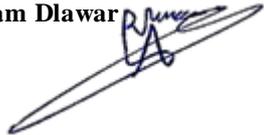
Inspector:	Aram Dlawar 	Supervisor:	Meysam Minaei
OEM:			



Customer:	Hilong Oil Services & Engineering	Date Of Service:	23-06-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-06-24-3466-TB-001
Rig & Rig Number:	RIG-100	Specification:	API RP 8B

INSPECTION CHECKLIST RESULTS:

Travelling Block			
01 - Travelling Block Sheaves			
Condition	Accepted	Rejected	Remarks
Sheaves	√		Check at regular frequencies
Groove in gage	√		Check at regular frequencies
Spacers or seals	√		Check at regular frequencies
Grease fittings	√		Check at regular frequencies
Bearings	√		Check at regular frequencies
Drilling line guards	√		Check at regular frequencies
02 - Block Attachments			
Pin & Bolts	√		Check at regular frequencies
Safety Pins / Keepers	√		Check at regular frequencies
Welds	√		Check at regular frequencies

Inspector:	Aram Dlawar 	Supervisor:	Meysam Minaei 
OEM:			



Customer:	Hilong Oil Services & Engineering	Date Of Service:	23-06-2024
Type Of Inspection:	CAT III INSPECTION	Report No:	ATS-06-24-3466-TB-001
Rig & Rig Number:	RIG-100	Specification:	API RP 8B

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Rig Number:	RIG HL100	Job Number:	ATS-06-24-3466
--------------	-----------------------------------	-------------	-----------	-------------	----------------

Date of Examination:	23/6/2024	Date of Report:	23/6/2024	Certificate No:	ATS-06-24-3466-TB-001
----------------------	-----------	-----------------	-----------	-----------------	-----------------------

Serial Number	Description of the examined equipment	Result
180702	Travelling block	Pass
S/N:	-	



NDT Equipment Details

Standard	API RP 8B CAT-III & ASTM E709	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 Results

Visual and MPI carried out for the above-mentioned items 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		22-12-2024

