



CROWN BLOCK CAT III INSPECTION REPORT

Customer:	Daqing Drilling Company	Date Of Service:	13.03.2025
Type Of Inspection:	CAT III INSPECTION	Report No:	QC-B-03-25-0090-04-59
Rig & Location:	DQ Rig 1202	Specification:	API RP 8B - ASTM E709

The Rig was Equipped with Crown Block with the following specifications:

Equipment:	Crown Block
Manufacture:	China Petroleum Liaolle Equipment Company
SN:	2020
Model:	TC450
D.O.M:	11.2020
NEXT EXAMINATION:	AFTER 6 Month
Wire Rope Dia,	38 mm
SHEAVE OD:	60 Inche
Total Weight:	10809 KG
Load Rating:	4500 KN

The Products Have Been Inspected and Found Them Conformable to Relevant

The inspection must be carried out in adequate, shadow free lighting and suitable temperature.

Crown block had been cleaned for examination.

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Visually Check for Damage and wear and Corrosion for parts.

MPI Check for sheave grooves and critical areas.

Check sheaves groove depth within tolerance of API standard.

inspect Bearing Wear by Checking Lateral Movement of Sheaves with Pinch Bar

The inspection was carried out by Using permanent magnet and sheave gauge

Thorough examination for crown block Pad Eyes

Visually Check and MPI as per ASTM E709 & AWS D1.1 & API RP8P

INSPECTION RESULT

**** Visual & MPI was carried out on the available welding and critical areas of (Crown Block) components and found satisfactory for further use.**

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

PICTORIAL

ASNT Level II Inspector Name:	Authenticating This Report:	Signature & Stamp:	Date of Next Through Examination:
RAO SOHAIL	Mohamed Abdalla		12.SEP.2025

REV: 01 Dated: 20 June 2022





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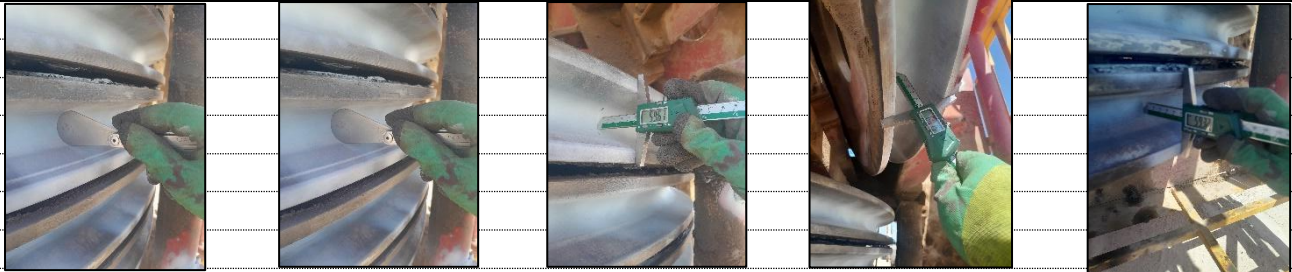
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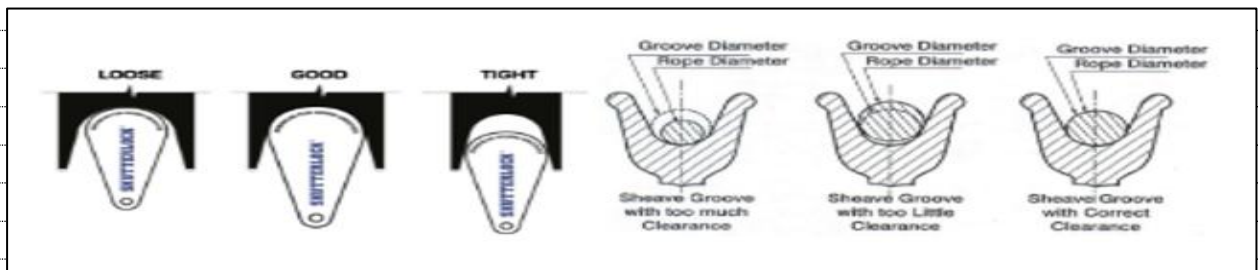


Table#01


Crown Block sheaves rope groove depth has been measured and figured out as per API RP 9B as below

NO	Sheaves S/N	Nominal Wire Did (d) (mm)	actual	Groove depth (mm)		Result
				Min. 1.33*d	Max. 1.75*d	
1	1202-1	38	59.67 59.23	50.54	66.5	Accept
2	1202-2	38	60.34 60.20	50.54	66.5	Accept
3	1202-3	38	60.42 59.83	50.54	66.5	Accept
4	1202-4	38	59.65 59.19	50.54	66.5	Accept
5	1202-5	38	59.32 59.27	50.54	66.5	Accept
6	1202-6	38	59.46 59.14	50.54	66.5	Accept
7	1202-7 Fast Line sheave	38	60.15 60.17	50.54	66.5	Accept
NO	Sheaves S/N	Nominal Wire Did (d) (mm)	actual	Groove depth (mm)		Result
				Min1.33*d	Max. 1.75*d	
	1202-8 Fast Line sheave	14	31.40 31.33	24.5	42	

- Total Groove depth for sheaves shall be Min.: 1.33d and Max.: 1.75d where d is the nominal wire rope diameter.



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