

Email: OP@qualitycontrol-iraq.com / hany.akafi@qualitycontrol-iraq.com



Customer:	HALLIBURTON (HPS)	Date of Inspection:	02.JULY.2024	
Location:	Burjesia Halliburton Basra -Iraq	Next Date of Inspection:	01.JULY.2025	
Type Of Inspection:	ANNUAL INSPECTION	Report No.:	QC-24-JUNE-HALL-HPS-218	
Speciation:	API 6A /ASTM E709	Document number	D601004567-REP-001	
SERIAL NO.	144-46468 R	EQUIPMENT NO.	12555419	

Equipment Description	QUAD BOP 4.06" (15000 PSI)
Equipment NO:	12555419
Serial No:	144-46468 R
Ref Standard:	API 6A License Number 6A-0252, API 16A-Licenes Number 16A-0045, API Spec 7-1 License Number 7-10332 ASTM E709
Manufacture:	Texas Oil Tools
Manufacture Date:	13-FEB-2020
Working Pressure:	15000 PSI (1035 BAR)
Hydraulic PSI	3000 (207 BAR)
Weight	1.3 TON

Name of Inspector: M.SHAHZAD AHMED	Name of person authenticating this report:	Name & Customer Signature
QUALIFICATION: ASNT LEVEL II	HANY ALY	
MT & PT& VT & T		



AI TAKAMUL COMPANY FOR ENGINEERING TESTS AND PROFESSIONAL SAFETY LIMITED

Basra, North Rumaila, Quality Control Yard – Iraq

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4.06'' BOP (EVERY 365 DAYS) FULL INSPECTION REPORT

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PROCEDURE

The Products Have Been Inspected and Found Them Conformable to Relevant

- Clean BOP body.
- visually inspect complete BOP body for damage. Repair any damage found.
- Open bonnets and flush all traces of well fluids. ☐
- Visually inspect all flange, flange studs, quick unions, quick union threads, seal areas for damage. Repair/Replace any damaged items found. ☐
- dimensionally inspect all flange, quick unions, quick union threads, seal areas. Repair/Replace any damaged items found. ☐
- Disassemble and visually inspect condition of ram bodies. Repair/Replace any damaged parts found. ☐
- Dimensionally inspect ram bore diameters. ☐
- Replace all elastomers. ☐
- Disassemble and inspect all actuators and replace hydraulic seals. ☐
- Replace slip inserts ☐
- Remove the equalizing valve assembly and inspect stem and seat. Repair/Replace any damage found. ☐
- Upon re-assembly of BOP replace all bonnet O-ring and gaskets. ☐
- Lubricate and complete re-assembly in accordance with proper technical manual. ☐
- Visually inspect all hydraulic quick connections, hydraulic adapters and hoses. Repair/Replace any damage parts found. ☐
- Function test BOP and verify correct actuation. ☐
- Verify indicator pins correctly indicate the position of the BOP's.
- Slip and Shear Test BOP's to API requirements.
- Pressure Test BOP's to API requirements
- Retain all testing and dimensional documentation.

INSPECTION RESULT

**** Visual & MPI was carried out on the available critical areas of the BOP and found Accept at the time of inspection**

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PARTICLES IMAGES



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Equipment Details

Equipment:	AC/DC Yoke	Equipment:	Digital Lux Meter	Equipment:	AC Yoke Test Block
Serial No:	201504048	Serial No:	2722003	Serial No:	1657
Cal. Date:	14-OCT-2024	Cal. Date:	16-OCT-2024	Cal. Date:	14-OCT-2024
White Contrast Paint Manufacture:	Magnaflux	Batch No:	220602	Expiry Date:	JUN,2025
Black Magnetic Ink Manufacture:	Magnaflux	Batch No:	220605	Expiry Date:	JULY.2025
Technical Details:	Magnetic Particle Concentration		Method		WMPT Light Intensity
	1.2 to 2.4 ml/100 ml		Wet Magnetic Particle Testing		3610 Lux

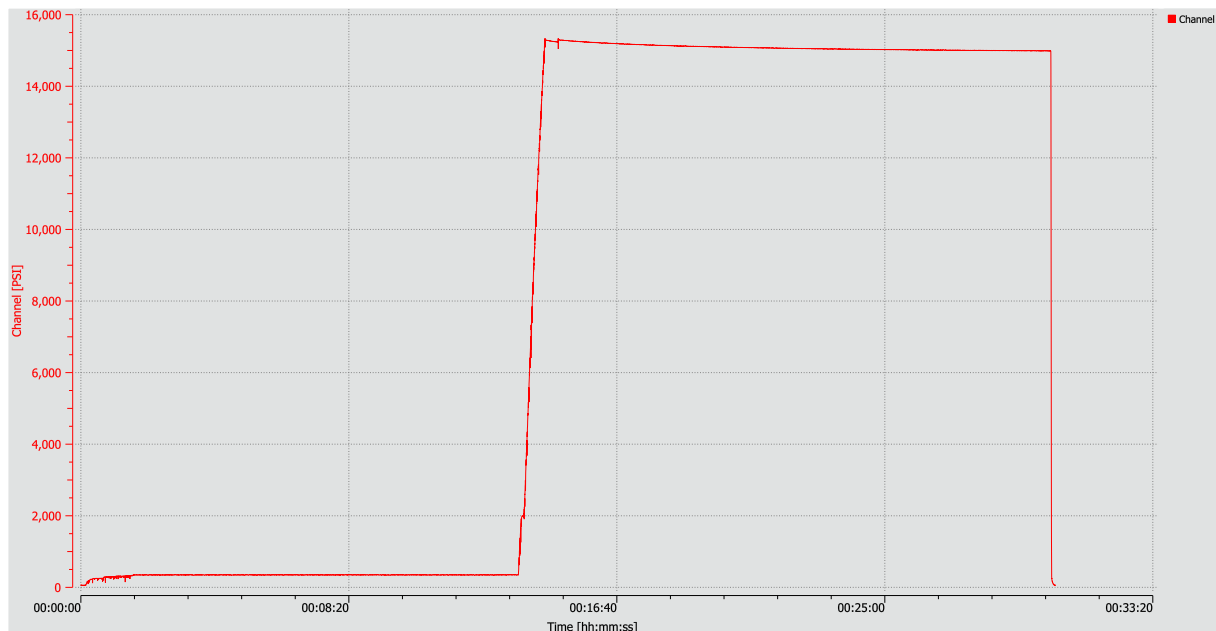
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Test Data

Description:	BOP QUAD	PSL:	PS
Part no.:	101309153	Plant:	1950
Serial no.:	144-46468 (12555419)	Location:	IEM Test Bay
Working pressure:	15KPSI	WO NO.:	326808569
Test pressure:	15KPSI	Test Duration:	00:30:16.147
Test Type:	Body Test		

Graph:



Test start:	03-07-2024 14:34:45	Equipment SN.:	27219
Test end:	03-07-2024 15:05:05	Transducer SN:	1107XB8Q
Tested by:	Hussam Awad	Callibration Due Date:	14-Apr-2025
Witnessed by:	RETISH Y	Range:	25.500 PSI

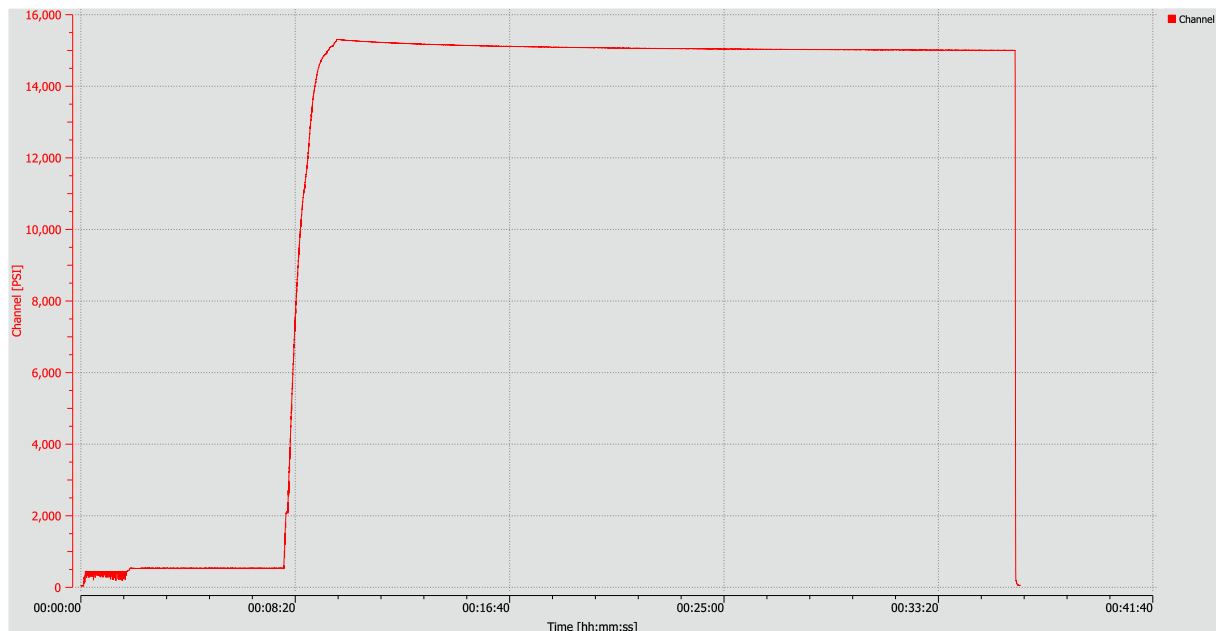
Signature:



Test Data

Description:	BOP Quad	PSL:	PS
Part no.:	101309153	Plant:	1950
Serial no.:	144-46468 (12555419)	Location:	IEM Test Bay
Working pressure:	15KPSI	WO NO.:	326808569
Test pressure:	15KPSI	Test Duration:	00:36:30.056
Test Type:	Blind Ram		

Graph:



Test start:	04-07-2024 08:36:07	Equipment SN.:	27219
Test end:	04-07-2024 09:12:41	Transducer SN:	1107XB8Q
Tested by:	Hussein Ali	Callibration Due Date:	14-Apr-2025
Witnessed by:	RETISH Y	Range:	25.500 PSI

Signature:

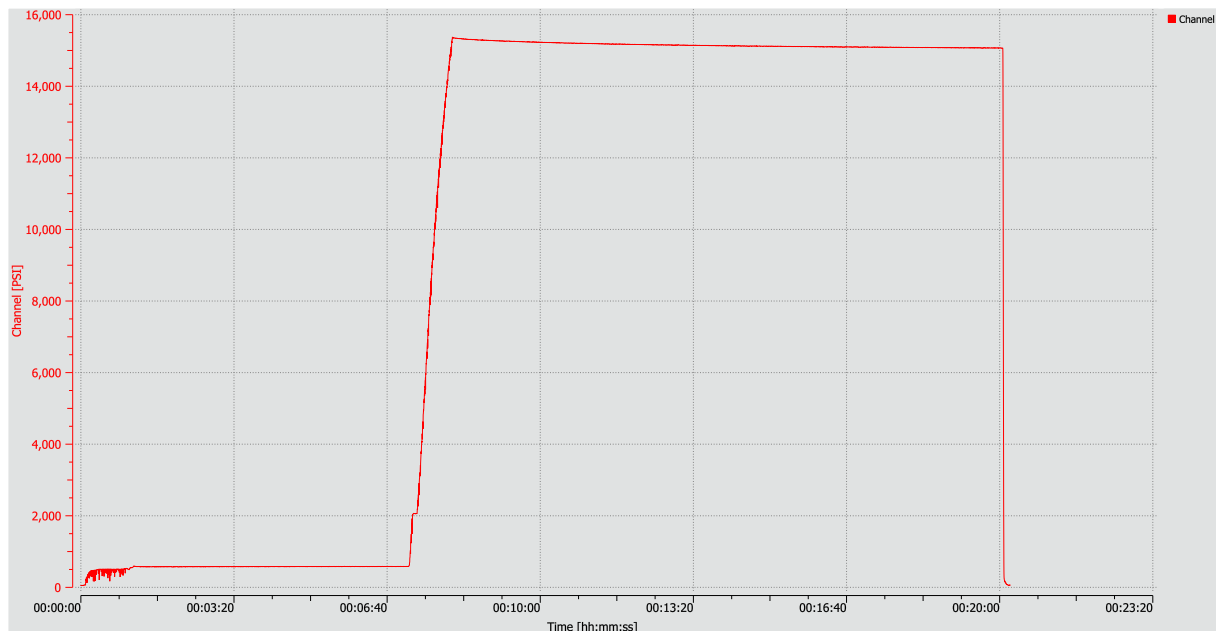


Test Data

Description:	BOP QUAD	PSL:	PS
Part no.:	101309153	Pressure:	1950
Serial no.:	144-46468 (12555419)	Location:	IEM Test Bay
Working pressure:	15KPSI	MO NO.:	326808569
Test pressure:	15KPSI	Test Duration:	00:20:13.043
Test Type:	Pipe Test		



Graph:



Test start:	03-07-2024 15:07:51	Equipment SN.:	27219
Test end:	03-07-2024 15:28:06	Transducer SN:	1107XB8Q
Tested by:	Hussam Awad	Callibration Due Date:	14-Apr-2025
Witnessed by:	Ahmed Saleh	Range:	25.500 PSI

Signature:

