



# Aberdeen Technical Services and General Transportation

## Certificate of Visual Thorough Examination and Magnetic Particle Inspection (MPI)



Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-12-23-2486-MPI-068
Rig Number:	HL99	Job No:	ATS-12-23-2486
Location:	RIG-99/HILONG BASE	Page No:	01 of 09
Date of Inspection:	27-12-2023	Next Inspection Date:	26-12-2028
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, API 16A

### PICTORIAL:



**Item Description:** Double ram BOP

Body

**Serial Number:** BL2018-004 (BL1801)

**Details of inspection method(s):**  
Visible magnetic particle inspection

**Inspection Results:**  
MPI WAS CARRIED OUT ON CRITICAL AREAS AND VISUAL INSPECTION FOR SEALED AREA OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.

**Remarks:** ACCEPTED

Inspection Equipment Details			Personnel Details		Company Stamp
<b>Equipment</b>	Ac yoke		Inspector:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	27-12-2023	
Calibration Due:	16-02-2024		Signature:		
<b>Consumables</b>	MAGNETIC PARTICLES INSPECTION		Date:	31-12-2023	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
Expiry Date:	23-05-2028	25-1-2025			

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Location:	RIG-99/HILONG BASE	Page No:	02 of 09
Date of Inspection:	27-12-2023	Next Inspection Date:	26-12-2028
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, API 16A

### PICTORIAL:



**Item Description:** Double ram BOP

Cylinder head

**Serial Number:** BL-SD-18-03-5 + BL-SD-18-06-8 + BL-SD-18-03-7 + BL-SD-18-06-1

**Details of inspection method(s):**  
Visible magnetic particle inspection

**Inspection Results:**  
MPI & VISUAL INSPECTION WAS CARRIED OUT ON CRITICAL AREAS OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.

**Remarks:** ACCEPTED

Inspection Equipment Details			Personnel Details		Company Stamp
<b>Equipment</b>	Ac yoke		<b>Inspector:</b>	Aram Dlawar	
<b>Serial Number</b>	201504044		<b>Qualifications</b>	ASNT LEVEL II	
<b>Calibration Date:</b>	17-08-2023		<b>Date:</b>	27-12-2023	
<b>Calibration Due:</b>	16-02-2024		<b>Signature:</b>		
<b>Consumables</b>	MAGNETIC PARTICLES INSPECTION		<b>Date:</b>	31-12-2023	
<b>Type:</b>	WCP-4	Black magnetic ink-3			
<b>Batch Number</b>	L230523/1	L230125/3			
<b>Expiry Date:</b>	23-05-2028	25-1-2025			

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Rig Number:	HL99	Job No:	ATS-12-23-2486	
Location:	RIG-99/HILONG BASE	Page No:	03 of 09	
Date of Inspection:	27-12-2023	Next Inspection Date:	26-12-2028	
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, API 16A	
<b>PICTORIAL:</b>		<b>Item Description:</b> Double ram BOP		
		BOP ram door		
		<b>Serial Number:</b> 1 +2 + 3 + 4		
		<b>Details of inspection method(s):</b> Visible magnetic particle inspection		
		<b>Inspection Results:</b> MPI & VISUAL INSPECTION WAS CARRIED OUT ON CRITICAL AREAS OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.		
		<b>Remarks:</b> <b>ACCEPTED</b>		
<b>Inspection Equipment Details</b>		<b>Personnel Details</b>		<b>Company Stamp</b> 
<b>Equipment</b>	Ac yoke	<b>Inspector:</b>	Aram Dlawar	
<b>Serial Number</b>	201504044	<b>Qualifications</b>	ASNT LEVEL II	
<b>Calibration Date:</b>	17-08-2023	<b>Date:</b>	27-12-2023	
<b>Calibration Due:</b>	16-02-2024	<b>Signature:</b>		
<b>Consumables</b>	MAGNETIC PARTICLES INSPECTION		<b>Date:</b> 31-12-2023	
<b>Type:</b>	WCP-4	Black magnetic ink-3		
<b>Batch Number</b>	L230523/1	L230125/3		
<b>Expiry Date:</b>	23-05-2028	25-1-2025		

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Rig Number:	HL99	Job No:	ATS-12-23-2486
Location:	RIG-99/HILONG BASE	Page No:	04 of 09
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Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, API 16A

**PICTORIAL:**



**Item Description:** Double ram BOP

Cylinders

**Serial Number:** TF2018-8-11-01 + TF2018-8-11-02 + TF2018-8-11-3 + TF2018-8-11-04

**Details of inspection method(s):**

Visible magnetic particle inspection

**Inspection Results:**

MPI & VISUAL INSPECTION WAS CARRIED OUT ON CRITICAL AREAS OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.

**Remarks:** ACCEPTED

Inspection Equipment Details			Personnel Details		Company Stamp
<b>Equipment</b>	Ac yoke		<b>Inspector:</b>	Aram Dlawar	
<b>Serial Number</b>	201504044		<b>Qualifications</b>	ASNT LEVEL II	
<b>Calibration Date:</b>	17-08-2023		<b>Date:</b>	27-12-2023	
<b>Calibration Due:</b>	16-02-2024		<b>Signature:</b>		
<b>Consumables</b>	MAGNETIC PARTICLES INSPECTION		<b>Date:</b>	31-12-2023	
<b>Type:</b>	WCP-4	Black magnetic ink-3			
<b>Batch Number</b>	L230523/1	L230125/3			
<b>Expiry Date:</b>	23-05-2028	25-1-2025			

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Client:	Hilong Oil Services & Engineering	Certificate Number:	ATS-12-23-2486-MPI-068
Rig Number:	HL99	Job No:	ATS-12-23-2486
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Date of Inspection:	27-12-2023	Next Inspection Date:	26-12-2028
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, API 16A

**PICTORIAL:**



**Item Description:** Double ram BOP

Pistons

**Serial Number:** BL-SD-18-03-01 + BL-SD-18-03-02 + BL-SD-18-03-03 + BL-SD-18-03-04

**Details of inspection method(s):**  
Visible magnetic particle inspection

**Inspection Results:**  
MPI & VISUAL INSPECTION WAS CARRIED OUT ON CRITICAL AREAS OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.

**Remarks:** **ACCEPTED**

Inspection Equipment Details			Personnel Details		Company Stamp
<b>Equipment</b>	Ac yoke		<b>Inspector:</b>	Aram Dlawar	
Serial Number	201504044		<b>Qualifications</b>	ASNT LEVEL II	
Calibration Date:	17-08-2023		<b>Date:</b>	27-12-2023	
Calibration Due:	16-02-2024		<b>Signature:</b>		
<b>Consumables</b>	MAGNETIC PARTICLES INSPECTION			<b>Date:</b> 31-12-2023	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
Expiry Date:	23-05-2028	25-1-2025			

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Rig Number:	HL99	Job No:	ATS-12-23-2486
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Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, API 16A

**PICTORIAL:**



**Item Description:** Double ram BOP

Locking Shaft

**Serial Number:** 180702 + 180706 + 180707 + 180708

**Details of inspection method(s):**

Visible magnetic particle inspection

**Inspection Results:**

MPI & VISUAL INSPECTION WAS CARRIED OUT ON CRITICAL AREAS OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.

**Remarks:** **ACCEPTED**

Inspection Equipment Details			Personnel Details		Company Stamp
<b>Equipment</b>	Ac yoke		<b>Inspector:</b>	Aram Dlawar	
Serial Number	201504044		<b>Qualifications</b>	ASNT LEVEL II	
Calibration Date:	17-08-2023		<b>Date:</b>	27-12-2023	
Calibration Due:	16-02-2024		<b>Signature:</b>		
<b>Consumables</b>	MAGNETIC PARTICLES INSPECTION		<b>Date:</b>	31-12-2023	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
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Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, API 16A

**PICTORIAL:**



**Item Description:** Double ram BOP

Ram shaft

**Serial Number:** 1 + 2 + 3 + 42CRMU

**Details of inspection method(s):**

Visible magnetic particle inspection

**Inspection Results:**

MPI & VISUAL INSPECTION WAS CARRIED OUT ON CRITICAL AREAS OF THE ABOVE-MENTIONED ITEM AND FOUND INDICATION AT THE TIME OF INSPECTION.

**Remarks:** shall be reviewed by OEM

Inspection Equipment Details			Personnel Details		Company Stamp
<b>Equipment</b>	Ac yoke		Inspector:	Aram Dlawar	
Serial Number	201504044		Qualifications	ASNT LEVEL II	
Calibration Date:	17-08-2023		Date:	27-12-2023	
Calibration Due:	16-02-2024		Signature:		
<b>Consumables</b>	MAGNETIC PARTICLES INSPECTION		Date:	31-12-2023	
Type:	WCP-4	Black magnetic ink-3			
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Date of Inspection:	27-12-2023	Next Inspection Date:	26-12-2028
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, API 16A

**PICTORIAL:**



**Item Description:** Double ram BOP

Hinges

**Serial Number:** 180379 + 180303 + 180304 + 180317 + 180349

**Details of inspection method(s):**

Visible magnetic particle inspection

**Inspection Results:**

MPI & VISUAL INSPECTION WAS CARRIED OUT ON CRITICAL AREAS OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.

**Remarks:** ACCEPTED

Inspection Equipment Details			Personnel Details		Company Stamp
<b>Equipment</b>	Ac yoke		<b>Inspector:</b>	Aram Dlawar	
Serial Number	201504044		<b>Qualifications</b>	ASNT LEVEL II	
Calibration Date:	17-08-2023		<b>Date:</b>	27-12-2023	
Calibration Due:	16-02-2024		<b>Signature:</b>		
<b>Consumables</b>	MAGNETIC PARTICLES INSPECTION			<b>Date:</b> 31-12-2023	
Type:	WCP-4	Black magnetic ink-3			
Batch Number	L230523/1	L230125/3			
Expiry Date:	23-05-2028	25-1-2025			

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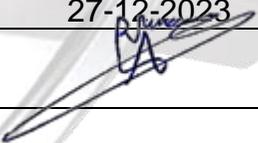
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Location:	RIG-99/HILONG BASE	Page No:	09 of 09
Date of Inspection:	27-12-2023	Next Inspection Date:	26-12-2028
Type of Inspection	Visual inspection & MPI (Wet Visible Method)	Ref. Standards:	ASTM E709, ASTM E 1444, API 16A
<b>PICTORIAL:</b>		<b>Item Description:</b> Double ram BOP	
		Blind flange 2 9/16" - 5000psi - R27	
		<b>Serial Number:</b> BL-YF-18-01-03	
		<b>Details of inspection method(s):</b> Visible magnetic particle inspection	
		<b>Inspection Results:</b> MPI & VISUAL INSPECTION WAS CARRIED OUT ON CRITICAL AREAS OF THE ABOVE-MENTIONED ITEM AND FOUND NO CRACKS OR RELEVANT INDICATIONS AT THE TIME OF INSPECTION.	
		<b>Remarks:</b> ACCEPTED	
<b>Inspection Equipment Details</b>		<b>Personnel Details</b>	
<b>Equipment</b>	Ac yoke	<b>Inspector:</b>	Aram Dlawar
<b>Serial Number</b>	201504044	<b>Qualifications</b>	ASNT LEVEL II
<b>Calibration Date:</b>	17-08-2023	<b>Date:</b>	27-12-2023
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<b>Consumables</b>	MAGNETIC PARTICLES INSPECTION		<b>Date:</b> 31-12-2023
<b>Type:</b>	WCP-4	Black magnetic ink-3	
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