

**AI TAKAMUL COMPANY FOR ENGINEERING TESTS  
AND PROFESSIONAL SAFETY LIMITED**

Basra, North Rumaila, Quality Control Yard - Iraq

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**CERTIFICATE OF THOROUGH EXAMINATION**

This Certificate complies with the requirements of the Lifting Equipment Operations and Lifting Equipment Regulations



<b>Date of Examination:</b>	05.02.2024	<b>Date of Report:</b>	05.02.2024	<b>Certificate No:</b>	QC-2024-07821-11	
<b>Client Name:</b>	HALLIBURTON SPERRY	<b>Location:</b>	RIG ZPEC 23	<b>Job Number:</b>	QC-2024-07821	
<b>Last Inspection</b>		<b>Last Proof Load Test Date</b>		<b>Next Proof Load Test Due</b>		
02.08.2023		02.07.2015		AFTER REPAIR OR RECTIFICATION		
<b>Serial Number:</b>	<b>QTY</b>	<b>Description</b>				
SAP SN:11675280	1	<p align="center"><b><u>OFFSHORE CONTAINER ( WORKSHOP)</u></b></p> <p><b>DIMEMTION:</b> 2.40M (L) X 3.04 M (W) X 2.59 M (H)</p> <p>FULLY WELDED STEEL CONSTRUCTION WITH FOUR TOP MOUNTED LIFTING POINTS</p> <p><b>TARE WEIGHT:</b> 3350 KG</p> <p><b>MAX. GROSS WEIGHT:</b> 6350 KG</p>				
<b>Reference Standard:</b>	DNV 2.7-1/HAL DOC: WM-GL-HAL-HSE-0420F & WM-GL-HAL-HSE-0420C REV 1					
<b>Pad Eyes Dimension:</b>	<b>Thickness:</b>	<b>Pin Hole:</b>	<b>Length:</b>	<b>Height:</b>	<b>PADEYE SWL:</b>	
	32 MM	30 MM	175 MM	126 MM	4.75 T	
Is this the first examination after Installation or assembly at a new site or location?	YES	NO	✓	Was the examination carried out: Within an interval of 6 months?		
	YES	NO	✓	YES	NO	
If the answer to the above question is YES has the equipment been installed correctly?	YES	NO	✓	With an interval of 12 months?		
	YES	NO	✓	YES	NO	
Identification of any part found to have a defect which is or could not become a danger to persons and a description of the defect: (If none State NONE) NONE	YES	NO	✓	In accordance with an examination scheme?		
	YES	NO	✓	After the occurrence of exceptional circumstances?		
Is the above a defect which is of immediate danger to persons:	YES	NO	✓			
Is the above a defect which is not yet but could become a danger to persons (If YES state the date by when)	N/A					
Particulars of any repair, renewal or alteration required to remedy the defect identified above:						
Particulars of any tests carried out as part of the examination: (If none state NONE)						
** The subject Items were inspected Visually and dimensionally where no signs of defects were observed at the time of inspection and found satisfactory						
** MPI was carried out on the pad eyes Welding Areas and found satisfactory						
<b>IS THIS EQUIPMENT SAFE TO OPERATE?</b>					YES	NO
<b>Name of Inspector:</b>	<b>Name of person authenticating this report:</b>		<b>Signature &amp; Stamp</b>			
AIZAZ KHAN	ASHRAF ELSAID					
<b>Date of Next Through Examination:</b>	04.08.2024					


REV: 01 Dated: 20 June 2022

**THIS IS TO CERTIFY THAT;** a competent person did attend the above-mentioned owner's work location on the date shown above and the equipment described in this report was tested & inspected as per the requirements of Lifting Operations Lifting Equipment Regulation "LOLER". The result was found Satisfactory at the time of Inspection and considered Safe for Lifting.







### CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

<b>Client:</b>	HALLIBURTON SPERRY	<b>Report No:</b>	QC-2023-0780-12
<b>Location:</b>	RIG ZPEC 23	<b>Job Number:</b>	QC-2023-0780
<b>Date:</b>	5-Feb-2024	<b>Next Inspection Date:</b>	04-08-2024
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
		<b>UNIT DESCRIPTION:</b>	OFFSHORE CONTAINER ( WORKSHOP) PADEYE
		<b>UNIT S/N:</b>	11675280
		<b>UNIT S/N:</b>	L:2.40 M X W:3.04 M X H:2.59 M
<b>INSPECTION RESULT :</b>			
<b>VISUAL , THOROUGH EXAMINATION</b>		VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONEON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
<b>MAGNETIC PARTICLE INSPECTION</b>		Available critical areas Inspected and found free from cracks and other defects	
<b>FINAL RESULTS</b>		THE ABOVE INSPECTED AREAS WAS ACCEPTED	
<b>COMMENT:</b> Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast			

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC/DC Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter WHITE LIGHT	<b>Equipment:</b>	AC/DC Yoke PERMANET HAND MAGNATIC	<b>INSPECTOR NAME:</b>	AIZAZ FARHAT	<b>SENIOR INSPECTOR:</b>	ASHRAF ELSAID
<b>S.No:</b>	1657	<b>S.No:</b>	1932401 2722003	<b>S.No:</b>	PY - 019 PY - 02	<b>QUALIFICATION:</b>		<b>SUPERVISOR:</b>	HANI ALI
<b>Cal Due Date:</b>	14-Feb-2024	<b>Cal Due Date:</b>	16-Feb-2024	<b>Cal Due Date:</b>	14-Feb-2024	LEEAA, ASNT LEVEL II MT & PT & VT		<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	7HF	Magnaflux	<b>Batch No:</b> 220605	<b>EXPIRE DATE:</b>	JULY,2025	<b>STAMP &amp; SIGNATURE:</b>			
<b>Whie Contrast Paint Manufacture:</b>		Magnaflux	<b>Batch No:</b> 220602	<b>EXPIRE DATE:</b>	JUN,2025				
<b>TECHNICAL DETAILS</b>	<b>TECH</b>			WMPT Light Intensity					
	Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml		1450 Lux				
	Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml						
Original - Client Files		Copy - Area Office		QC/FN/MPI/065 Rev.00		DATED 07 NOV 2021			

### CERTIFICATION OF VISUAL, THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION

<b>Client:</b>	HALLIBURTON SPERRY	<b>Report No:</b>	QC-2023-0780-13
<b>Location:</b>	RIG ZPEC 23	<b>Job Number:</b>	QC-2023-0780
<b>Date:</b>	5-Feb-2024	<b>Next Inspection Date:</b>	04-08-2024
<b>Type Of Inspection:</b>	VISUAL , THOROUGH EXAMINATION & MAGNETIC PARTICLE INSPECTION	<b>Specification:</b>	ASTM E709 & ASTM E 1444 (2016) ASME V Article 7 (2019)
 		<b>UNIT DESCRIPTION:</b>	OFFSHORE CONTAINER ( WORKSHOP) LADDER
		<b>UNIT S/N:</b>	11675280
		<b>UNIT S/N:</b>	L:2.40 M X W:3.04 M X H:2.59 M
<b>INSPECTION RESULT :</b>			
<b>VISUAL , THOROUGH EXAMINATION</b>		VISUAL & MAGNETIC PARTICLE INSPECTION ( M.P.I. ) HAD BEEN DONE ON THE AVAILABLE AREAS FOR THE ABOVE DESCRIPTION	
<b>MAGNETIC PARTICLE INSPECTION</b>		Available critical areas Inspected and found free from cracks and other defects	
<b>FINAL RESULTS</b>		THE ABOVE INSPECTED AREAS WAS ACCEPTED	
<b>COMMENT:</b>			
Magnetic Particle Inspection With A/C Hand Yoke , Black & White Contrast			

EQUIPMENT DETAILS						PERSON DETAILS		REVIEW BY	
<b>Equipment:</b>	AC/DC Yoke Test Block	<b>Equipment:</b>	Digital Lux Meter WHITE LIGHT	<b>Equipment:</b>	AC/DC Yoke PERMANET HAND MAGNATIC	<b>INSPECTOR NAME:</b>	AIZAZ FARHAT	<b>SENIOR INSPECTOR:</b>	ASHRAF ELSAID
<b>S.No:</b>	1657	<b>S.No:</b>	1932401 2722003	<b>S.No:</b>	PY - 019 PY - 02	<b>QUALIFICATION:</b>		<b>SUPERVISOR:</b>	HANI ALI
<b>Cal Due Date:</b>	14-Feb-2024	<b>Cal Due Date:</b>	16-Feb-2024	<b>Cal Due Date:</b>	14-Feb-2024	LEE, ASNT LEVEL II MT & PT & VT		<b>CLIENT:</b>	
<b>Black Magnetic Ink Manufacture:</b>	7HF	Magnaflux	<b>Batch No:</b> 220605	<b>EXPIRE DATE:</b>	JULY,2025	<b>STAMP &amp; SIGNATURE:</b>			
<b>Whie Contrast Paint Manufacture:</b>		Magnaflux	<b>Batch No:</b> 220602	<b>EXPIRE DATE:</b>	JUN,2025				
<b>TECHNICAL DETAILS</b>		<b>TECH</b>			<b>WMPT Light Intensity</b>				
		Wet FLUORESCENT Particle Concentration 14 HF		0.1 to 0.4 ml/100 ml		1450 Lux			
		Black Magnetic Ink Concentration 7 HF		1.2 to 2.4 ml/100 ml					
Original - Client Files		Copy - Area Office		QC/FN/MPI/065 Rev.00		DATED 07 NOV 2021			

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<b>Date of Examination:</b>	05.02.2024	<b>Date of Report:</b>	05.02.2024	<b>Certificate No:</b>	QC-2024-07821-14
<b>Client Name:</b>	HALLIBURTON SPERRY	<b>Location:</b>	RIG ZPEC 23	<b>Job Number:</b>	QC-2024-07821

Serial Number:	QTY	Description	SWL	Date of manufacture if known:	Date of last thorough examination
H 237	01	<p><b><u>4 LEGS WIRE ROPE SLING</u></b></p> <p><b>Manufacture:</b> Safety Marine <b>S.F:</b> 5:1 <b>Dim:</b> 22 MM DIA x 3.35 M (L) IWRC, MECHANICALLY SPLICED WITH STEEL FERRULE C/W MASTER LINK ASSEMBLY HARD EYE BOTH ENDS</p> <p><b>Location:</b> Attached with OFFSHORE ONTAINER (WORKSHOP) NO: 11675280</p>	<b>11.8 TON at 0-45° Angle</b>	N/A	02.08.2023

**Reference Standard:** BS EN 13414-1/ HAL DOC: WM-GL-HAL-HSE-0420F & WM-GL-HAL-HSE-0420C REV 1

Is this the first examination after Installation or assembly at a new site or location?	YES	NO	✓	Was the examination carried out: Within an interval of 6 months?	YES	✓	NO	
					With an interval of 12 months?	YES		NO
If the answer to the above question is YES has the equipment been installed correctly?	YES	NO		In accordance with an examination scheme? After the occurrence of exceptional circumstances?	YES	✓	NO	
					YES		NO	✓

Identification of any part found to have a defect which is or could not become a danger to persons and a description of the defect: (If none state NONE) **NONE**

Is the above a defect which is of immediate danger to persons: YES  NO

Is the above a defect which is not yet but could become a danger to persons (If YES state the date by when) N/A

Particulars of any repair, renewal or alteration required to remedy the defect identified above:

Particulars of any tests carried out as part of the examination: (If none state NONE)

The subject Items were inspected Visually and dimensionally where no signs of defects were observed at the time of inspection and found satisfactory

**IS THIS EQUIPMENT SAFE TO OPERATE?** YES  NO

<b>Name of Inspector:</b>	<b>Name of person authenticating this report:</b>	<b>Signature &amp; Stamp</b>	
AIZAZ KHAN	ASHRAF ELSAID		
<b>Date of Next Through Examination:</b>	<b>04.08.2024</b>		

REV: 01 Dated: 20 June 2022

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<b>Date of Examination:</b>	05.02.2024	<b>Date of Report:</b>	05.02.2024	<b>Certificate No:</b>	QC-2024-07821-15
<b>Client Name:</b>	HALLIBURTON SPERRY	<b>Location:</b>	RIG ZPEC 23	<b>Job Number:</b>	QC-2024-07821

Serial Number:	QTY	Description	SWL	Date of manufacture if known:	Date of last thorough examination
CJ402 CJ403 CJ404 CJ405	04	<b>SAFETY PIN BOW SHACKLE</b>  SIZE: 1'' GRADE: 6 MANUFACTURE: CROSBY S.F: 6:1 Location: Attached with OFFSHORE ONTAINER (WORKSHOP) NO: 11675280	8.5 TON	N/A	02.08.2023

**Reference Standard:** BS EN 13889/ HAL DOC: WM-GL-HAL-HSE-0420F & WM-GL-HAL-HSE-0420C REV 1

Is this the first examination after Installation or assembly at a new site or location?	YES	NO	✓	Was the examination carried out: Within an interval of 6 months? With an interval of 12 months? In accordance with an examination scheme? After the occurrence of exceptional circumstances?	YES	✓	NO	✓
	YES	NO			YES	✓	NO	✓
If the answer to the above question is YES has the equipment been installed correctly?	YES	NO			YES	✓	NO	✓
	YES	NO			YES	✓	NO	✓

Identification of any part found to have a defect which is or could not become a danger to persons and a description of the defect: (If none state NONE) NONE

Is the above a defect which is of immediate danger to persons: YES  NO

Is the above a defect which is not yet but could become a danger to persons (If YES state the date by when) N/A

Particulars of any repair, renewal or alteration required to remedy the defect identified above:

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**IS THIS EQUIPMENT SAFE TO OPERATE?** YES  NO

<b>Name of Inspector:</b>	<b>Name of person authenticating this report:</b>	<b>Signature &amp; Stamp:</b>	
AIZAZ KHAN	ASHRAF ELSAID		
<b>Date of Next Through Examination:</b>	04.08.2024		

REV: 01 Dated: 20 June 2022  
10

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