




Certificate of Thorough Examination & NDT of Lifting Equipment

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

Client Name:	Zhongman Petroleum Engineering Technology Service (Hong Kong) Co. Limited Iraq Branch			Job Number:	QC-ZPEC-05-24-0161
Date of Examination:	22.05.2024	Location:	ZPEC Rig 25	Certificate No:	QC-ZPEC-05-24-0161-03/01
Serial Number:	QTY	Description	SWL Each one:	Date of last Thorough examination	
LZM112.05.310C.01 LZM112.05.310C.02	02	OVERHEAD RUNWAY BEAM FULLY WELDED STEEL CONSTRUCTION CONSISTS OF 2 SECTIONS, CONNECTED WITH 5 CONECTING POINT & 4 LIFTING POINT IN EACH SECTION. RUNWAY BEAM DETAILS: I Beam Length: 12990 mm I Beam Width: 302 mm I Beam Height: 570 mm I Beam Bottom Thick: 50 mm Location: Under Rig Floor	40 Ton	New	
Reference Standard:		BS 2853:2011			
Is this the first examination after Installation or assembly at a new site or location?		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	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 <input checked="" type="checkbox"/> NO <input type="checkbox"/>
If the answer to the above question is YES has the equipment been installed correctly?		YES <input type="checkbox"/> NO <input type="checkbox"/>	YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>
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 <input type="checkbox"/> NO <input checked="" type="checkbox"/>
Is the above a defect which is not yet but could become a danger to persons (If YES state the date by when)					YES by:
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) VISUAL INSPECTION and MPI CARRIED OUT AND FOUND SATISFACTORY					
IS THIS EQUIPMENT SAFE TO OPERATE?					YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>
NDT Equipment Details					
Standard	ASTM E709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-011	Due Date	14-08-2024
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2025
Black Ink	7HF	Batch No:	220605	Due Date	7-1-2025
NDT procedure					
Visual and MPI carried out for the above description 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:					

ASNT Level II Inspector Name:	Authenticating This Report:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud	Mohamed Abdullah		21.11.2024

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





None

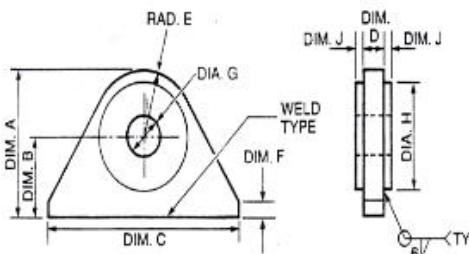
Particulars of any repair, renewal or alteration required to remedy the defect identified above: None

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Client Name:	Zhongman Petroleum Engineering Technology Service (Hong Kong) Co. Limited Iraq Branch	Job Number:	QC-ZPEC-05-24-0161
Date of Examination:	22.05.2024	Location:	ZPEC Rig 25
Certificate No:	QC-ZPEC-05-24-0161-03/02		

Serial Number:	QTY	Description	Rated Load Value Each Pad Eye:	Date of last Thorough examination
P1 TO P8	08	Lifting Point for Runway Beam Pad Eye Dimension Thickness: 16 mm Pin Hole: 50 mm Length: 205 mm Height: 110 mm Overhead Runway Beam	60 KN	New



Reference Standard:	LEEA DOC 048:2015
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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?	YES	✓	NO	
				After the occurrence of exceptional circumstances?	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) YES by:

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)
VISUAL INSPECTION and MPI CARRIED OUT AND FOUND SATISFACTORY


IS THIS EQUIPMENT SAFE TO OPERATE? YES ✓ NO

NDT Equipment Details					
Standard	ASTM E709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-011	Due Date	14-08-2024
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2025
Black Ink	7HF	Batch No:	220605	Due Date	7-1-2025

NDT procedure

Visual and MPI carried out for the above description 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:

ASNT Level II Inspector Name:	Authenticating This Report:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud	Mohamed Abdullah		21.11.2024

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



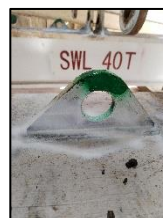


None

Particulars of any repair, renewal or alteration required to remedy the defect identified above: None

Visual & Magnetic Particles Examination Report

Client Name:	Zhongman Petroleum Engineering Technology Service (Hong Kong) Co. Limited Iraq Branch		Job Number:	QC-ZPEC-05-24-0161
Date of Examination:	22.05.2024	Location:	ZPEC Rig 25	Certificate No: QC-ZPEC-05-24-0161-03/03
Lifting Point SN:	Description of the examined equipment			Result
P1 TO P8	Lifting Point for Runway Beam			Pass
Equipment SN:	LZM112.05.310C.01 & LZM112.05.310C.02		Rated Load Value Each Pad Eye:	60 KN




NDT Equipment Details

Standard	ASTM E709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-011	Due Date	14-08-2024
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2025
Black Ink	7HF	Batch No:	220605	Due Date	7-1-2025

NDT procedure

Visual and MPI carried out for the above description 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:

ASNT Level II Inspector Name:	Authenticating This Report:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud	Mohamed Abdullah		21.11.2024

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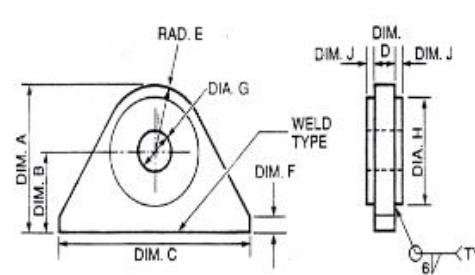
None

Particulars of any repair, renewal or alteration required to remedy the defect identified above: None

Certificate of Thorough Examination & NDT of Lifting Equipment

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

Client Name:	Zhongman Petroleum Engineering Technology Service (Hong Kong) Co. Limited Iraq Branch	Job Number:	QC-ZPEC-05-24-0161
Date of Examination:	22.05.2024	Location:	ZPEC Rig 25
Certificate No:	QC-ZPEC-05-24-0161-03/04		

Serial Number:	QTY	Description	SWL Each Pad Eye:	Date of last Thorough examination
C1 TO C8	08	Connecting Point for Runway Beam Pad Eye Dimension Thickness: 20 mm X 2 Pin Hole: 70 mm Length: 296 mm Height: 225 mm Overhead Runway Beam	12 MT	New
				

Reference Standard: LEEA DOC 048:2015

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?	YES	✓	NO	
				After the occurrence of exceptional circumstances?	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) YES by:

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)


VISUAL INSPECTION and MPI CARRIED OUT AND FOUND SATISFACTORY

IS THIS EQUIPMENT SAFE TO OPERATE? YES ✓ NO

NDT Equipment Details

Standard	ASTM E709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-011	Due Date	14-08-2024
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2025
Black Ink	7HF	Batch No:	220605	Due Date	7-1-2025

NDT procedure

ASNT Level II Inspector Name:	Authenticating This Report:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud	Mohamed Abdullah		21.11.2024

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





Visual and MPI carried out for the above description 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

Visual & Magnetic Particles Examination Report


Client Name:	Zhongman Petroleum Engineering Technology Service (Hong Kong) Co. Limited Iraq Branch			Job Number:	QC-ZPEC-05-24-0161
Date of Examination:	22.05.2024	Location:	ZPEC Rig 25	Certificate No:	QC-ZPEC-05-24-0161-03/05
Connecting Point SN:	Description of the examined equipment				Result
C1 TO C8	Connecting Point for Runway Beam				Pass
Equipment SN:	LZM112.05.310C.01 & LZM112.05.310C.02			SWL Each Pad Eye:	12 MT



NDT Equipment Details					
Standard	ASTM E709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-011	Due Date	14-08-2024
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2025
Black Ink	7HF	Batch No:	220605	Due Date	7-1-2025

NDT procedure

Visual and MPI carried out for the above description and found free of surface defects at the time of inspection
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ASNT Level II Inspector Name:	Authenticating This Report:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud	Mohamed Abdullah		21.11.2024

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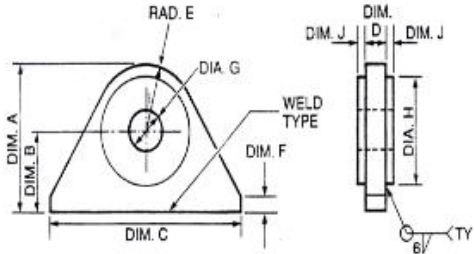


Identification of any part found to have a defect and a description of the defect:
None
Particulars of any repair, renewal or alteration required to remedy the defect identified above: None

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Client Name:	Zhongman Petroleum Engineering Technology Service (Hong Kong) Co. Limited Iraq Branch	Job Number:	QC-ZPEC-05-24-0161
Date of Examination:	22.05.2024	Location:	ZPEC Rig 25
Certificate No:	QC-ZPEC-05-24-0161-03/06		

Serial Number:	QTY	Description	SWL Each Pad Eye:	Date of last Thorough examination
C9 TO C12	04	Connecting Point for Runway Beam Pad Eye Dimension Thickness: 40 mm Pin Hole: 70 mm Length: 296 mm Height: 225 mm Overhead Runway Beam	4 MT 	New

Reference Standard:	LEEA DOC 048:2015
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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?	YES	NO	
				After the occurrence of exceptional circumstances?	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) YES by:


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)

VISUAL INSPECTION and MPI CARRIED OUT AND FOUND SATISFACTORY

IS THIS EQUIPMENT SAFE TO OPERATE? YES ✓ NO

NDT Equipment Details					
Standard	ASTM E709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-011	Due Date	14-08-2024
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2025
Black Ink	7HF	Batch No:	220605	Due Date	7-1-2025

ASNT Level II Inspector Name:	Authenticating This Report:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud	Mohamed Abdullah		21.11.2024

THIS IS TO CERTIFY THAT; a competent person did attend the above-mentioned own 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.





NDT procedure
Visual and MPI carried out for the above description 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


Visual & Magnetic Particles Examination Report

Client Name:	Zhongman Petroleum Engineering Technology Service (Hong Kong) Co. Limited Iraq Branch	Job Number:	QC-ZPEC-05-24-0161
Date of Examination:	22.05.2024	Location:	ZPEC Rig 25
Certificate No:	QC-ZPEC-05-24-0161-03/07		
Connecting Point SN:	Description of the examined equipment		Result
C9 TO C12	Connecting Point for Runway Beam		Pass
Equipment SN:	LZM112.05.310C.01 & LZM112.05.310C.02	SWL Each Pad Eye:	4 MT



NDT Equipment Details					
Standard	ASTM E709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-011	Due Date	14-08-2024
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2025
Black Ink	7HF	Batch No:	220605	Due Date	7-1-2025

NDT procedure

ASNT Level II Inspector Name:	Authenticating This Report:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud	Mohamed Abdullah		21.11.2024

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





Visual and MPI carried out for the above description 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

Visual & Magnetic Particles Examination Report


Client Name:	Zhongman Petroleum Engineering Technology Service (Hong Kong) Co. Limited Iraq Branch	Job Number:	QC-ZPEC-05-24-0161
Date of Examination:	22.05.2024	Location:	ZPEC Rig 25
		Certificate No:	QC-ZPEC-05-24-0161-03/08
Connecting Pins SN:	Description of the examined equipment		Result
/	Connecting Pins for Runway Beam		Pass
Equipment SN:	LZM112.05.310C.01 & LZM112.05.310C.02		



NDT Equipment Details					
Standard	ASTM E709	Viewing Condition:	Colored Media	Method	WET
Yoke	Permanent	Serial No:	PY-011	Due Date	14-08-2024
White Contrast	WCP-2	Batch No:	220602	Due Date	06-2025
Black Ink	7HF	Batch No:	220605	Due Date	7-1-2025

NDT procedure

Visual and MPI carried out for the above description and found free of surface defects at the time of inspection
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ASNT Level II Inspector Name:	Authenticating This Report:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud	Mohamed Abdullah		21.11.2024

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





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:	Authenticating This Report:	Signature & Stamp:	Date of Next Through Examination:
Khaled Mahmoud	Mohamed Abdullah		21.11.2024

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 and Lifting Equipment Regulation "LOLER". The result was found Satisfactory at the time of Inspection and considered Safe for Lifting.

