



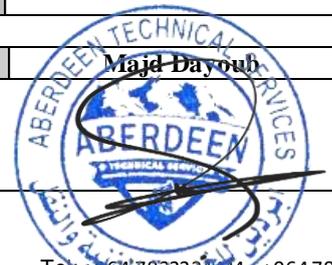
Customer:	Hilong Oil Services & Engineering	Date Of Service:	05/12/2024
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-24-4682-VD-001
Rig & Rig Number:	RIG-22	Specification:	API STD 53



ABERDEEN Technical Services Would Like to Thank You for Giving Us the Opportunity to Work With Your Honorable Company

Inspection Date:	05-12-2024	Due Date:	04-12-2029
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Inspector:	Hasan Omran	Supervisor:	Majd Dayoub
OEM:			



International Well Control Forum



Tel: +964 7833337444 +964 782222633

Emails: akader@aberdeents.com
inspection@aberdeents-iq.com



Customer:	Hilong Oil Services & Engineering	Date Of Service:	05/12/2024
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The Rig Was Equipped with “BOHAI EQUIPMENT ZHONGCHENG EQUIPMENT” Vacuum Degasser, with The Following Specification:

Equipment:	Vacuum Degasser
Model:	ZSCQ300
SN:	2014-01
Date of Manufacture:	04-08-2014
Manufacturer:	BOHAI EQUIPMENT ZHONGCHENG EQUIPMENT
Reference Standard:	API STD 53
Next Examination Date:	After 5 Years

Remarks:

Detailed reports are attached detailing all observations and results in - 03 of 06 pages.

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OEM:			





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PROCEDURE

- The Vacuum Degasser has been Inspected and Found Conformable to the Relevant Standard(s)
- The Rig was equipped with “BOHAI EQUIPMENT ZHONGCHENG EQUIPMENT” Vacuum Degasser
- The Degasser Found Stripped Down / Fully Dismantling for CAT IV Inspection.

Action	Result
• Visually check for the serial number and Identification	Pass
• Perform MPI on all of the degasser welding joints, inlet lines welding joints, return lines, vent lines, legs & supports, and pipe clamps /brackets welding joints.	Pass
• Perform UT Wall thickness measurements (UTM) on all the degasser body and compare it with the minimum thickness specified by the OEM.	Pass
• Perform UT flaw detection (UFD) inspection on the critical welding areas (longitudinal and transverse shell welding seams), pay particular attention to the T-Joints.	N/A
• Perform Visual and NDT inspection for the Flange faces especially the sealing areas.	Pass
• Complete and submit the inspection report	Pass

** Visual, MPI, and UTM tests were Carried out on the critical areas and welding joints of the Vacuum Degasser and Found **Satisfactory for Further Use**.

** CAT IV Inspection Was Carried Out on the Vacuum Degasser and Found **Accepted** At The Time of Inspection

Inspector:	Hasan Omran 	Supervisor:	Majd Davoub 
OEM:			



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Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-22	Job Number:	ATS-12-24-4682
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Date of Examination:	05-12-2024	Date of Report:	05-12-2024	Certificate No:	ATS-12-24-4682-VD-001-1
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Serial Number	Description of the examined equipment	Result
2014-01	Vacuum Degasser - Vessel	Pass
S/N:	2014-01	



NDT Equipment Details

Standard	API STD 53 & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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: **None**

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

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		04-12-2029



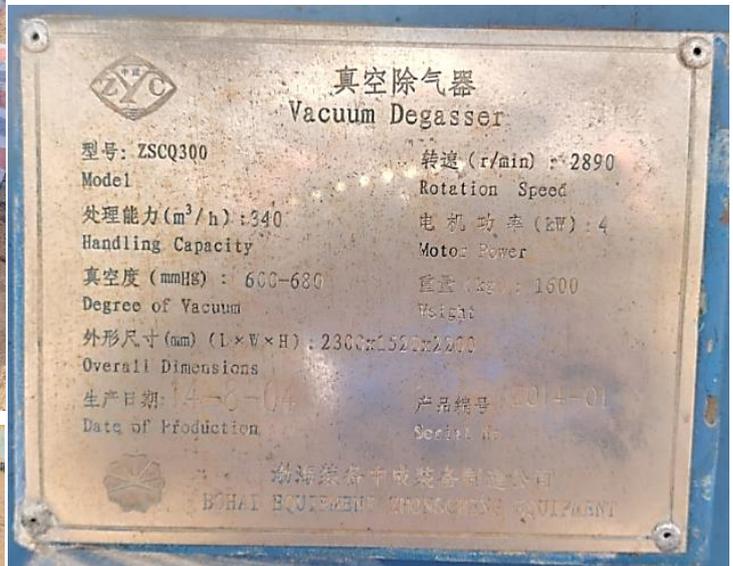


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Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-24-4682-VD-001
Rig & Rig Number:	RIG-22	Specification:	API STD 53

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-22	Job Number:	ATS-12-24-4682
Date of Examination:	05-12-2024	Date of Report:	05-12-2024	Certificate No:	ATS-12-24-4682-VD-001-2

Serial Number	Description of the examined equipment	Result
2014-01	Vacuum Degasser – Head flanges	Pass
S/N:	2014-01	



NDT Equipment Details

Standard	API STD 53 & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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: **None**

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

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		04-12-2029





Customer:	Hilong Oil Services & Engineering	Date Of Service:	05/12/2024
Type Of Inspection:	CAT IV INSPECTION	Report No:	ATS-12-24-4682-VD-001
Rig & Rig Number:	RIG-22	Specification:	API STD 53

Visual & Magnetic Particles Examination Report

Client Name:	Hilong Oil Services & Engineering	Location:	HL-22	Job Number:	ATS-12-24-4682
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Date of Examination:	05-12-2024	Date of Report:	05-12-2024	Certificate No:	ATS-12-24-4682-VD-001-2
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Serial Number	Description of the examined equipment	Result
2014-01	Vacuum Degasser – Internal Pipes and Nozzles	Pass
S/N:	2014-01	



NDT Equipment Details

Standard	API STD 53 & ASTM E 709	Viewing Condition:	Colored Media	Method	WET
Yoke	Ac yoke	Serial No:	201504044	Due Date	27-12-2024
White Contrast	FLUXO: WCP-4	Batch No:	L230523/1	Due Date	23-05-2028
Black Ink	FLUXO: Black magnetic ink-3	Batch No:	L230125/3	Due Date	25-1-2025

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: **None**

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

ASNT Level II Inspector Name:	Signature & Stamp:	Date of Next Through Examination:
Hasan Omran		04-12-2029