



122-IB

CERTIFICATE OF THOROUGH EXAMINATION OF WINCH

Local Certificate No:
23-06-07-01-VA

Date of Inspection:
07-June-2023

Name and Address of the Owner: M/s. International Rig and Equipment Ltd., Hamriyah Free Zone, Sharjah, P.O Box: 42915 UAE		Place of Inspection: AMOS ME Yard, Hamriyah Free Zone, Sharjah, UAE	Ref. Standard: BS ISO 7365:2012
DNV NPS No.:		Maker & Date of Manufacture: Ingersoll Rand / 2011	
DNV Order No.:			
Equipment Location: N/A	Owner No.: N/A	Model No.: FA2.51-24MK1GP	Serial No.: A018018
Equipment Details: Pneumatic Powered Hydraulic Operated Tugger Winch Maximum Capacity: 2.2 t Wire Rope Size: 5/8" Dia. A-Frame Dimension: L: 1550 mm ; W: 850 mm ; Drum Dia.: 390 mm			
Description of Test: Pneumatic Powered Hydraulic Operated Tugger Winch Make: Ingersoll Rand S/No.: A018018 Wire rope Detail: 5/8" Dia.		Test Load Applied (Tonne)	SWL (kN)
Identification of Measuring/Testing Tools: Vernier Caliper, Measuring Tape Color Code : WHITE up to 31.06.2023 & then BLUE until end of certificate validity		2.75 t (Static) 2.42 t (Dynamic)	2.2 t

Date of Last Examination	Date of Next Examination	Date of Last Proof Load Test	Date of Next Proof Load Test
N/A	06.06.2024	N/A	After Modification / Repair

Authorized Name: **Moustafa Shaaban**



Surveyor's Name: **Vishnu Anand**

Authorized Signature:

Surveyor's Signature:

LEGAL DISCLAIMER: THIS IS TO CERTIFY THAT the above competent surveyor thoroughly examined the lifting equipment in the above-mentioned place as per relevant International Standard. Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

Country Office - UAE, Sky Tower, Al Raem Island Unit, 2101-2105 Abu Dhabi - United Arab Emirates
Tel: +971 2 4978000 Fax: +971 2 4912934



PNEUMATIC (AIR) WINCH TECHNICIAN INSPECTION AND MAINTENANCE REPORT

All Marine Offshore Solutions

Document No:

F-OPS-140

Revision No.:

1.00

Manufacturer / Type / Model No:	2.5t Ingersoll Rand Air Winch FA2.5i-24MK1GP	Date:	07/06/2023
Serial No:	A018018	Inspected By:	Daniel Harding
Reason for Inspection: (Check Applicable Box)	<input type="checkbox"/> Scheduled Periodic Inspection: <input type="checkbox"/> Quarterly / <input checked="" type="checkbox"/> Semi-annually / <input type="checkbox"/> Yearly <input type="checkbox"/> Discrepancies noted during Frequent Inspection / <input type="checkbox"/> Discrepancies noted during Maintenance / <input checked="" type="checkbox"/> Other Inspection & Maintenance		
Operating Environment:	<input checked="" type="checkbox"/> Normal / <input type="checkbox"/> Heavy / <input type="checkbox"/> Severe		

Refer to the Operation and Maintenance Manual for General Inspection Criteria.

Component	Condition / Corrective Action				Notes
	Pass	Fail	Repair	Replace	
Operators Manual					N/A
Maintenance Records					N/A
Safety Signs, Labels & Tags					N/A
Lifting Padeyes	✓				
Tie down points / Padeyes	✓				
Base-plate, Uprights & Side Rails	✓				
Controls, Gauges etc.	✓				Replaced with new 16bar air gauge
Air Hoses / Connections	✓				Replaced with new lubricator
Emergency Stop					N/A
Limit Switches					N/A
Overload Device					N/A
Motor	✓				Okay
Shafts & Bearings	✓				
Reduction Gears	✓				
Clutch (if fitted)	✓				
Lubrication & Oil	✓				Replaced with new lubricator
Wire Rope Anchor	✓				Wire rope installed on it
Guards & Fasteners	✓				
Drum Band Brake (Visual Inspection)	✓				Look Okay
Automatic Brake (Visual Inspection)	✓				Okay
Drum Band Brake (Function Test)	✓				Okay
Automatic Brake (Function Test)	✓				Function test completed on test bed
Other Components	✓				Replaced with new exhaust muffler

Description Of Repairs (If No Repairs Have Been Carried Out State "NONE") NOTE:

NOTE:

- The winch has been repaired and tested.
- Static pull test conducted at 3.1 Tonne and dynamic test was conducted at 2.4 Tonne.
- The brake was holding at 3.1 Tonne @ 60 Psi.

Testing	Pass	Fail	Notes
Operational (No Load)	/		Okay
Operational (25% static load)	✓		3.1 Tonne
Others dynamic test	✓		2.4 Tonne



PNEUMATIC (AIR) WINCH TECHNICIAN INSPECTION AND MAINTENANCE REPORT

All Marine Offshore Solutions

Document No:

F-OPS-140

Revision No.:

1.00

Manufacturer / Type / Model No:	2.5t Ingersoll Rand Air Winch FA2.5i-24MK1GP	Date:	11/05/2023
Serial No:	A018018	Inspected By:	Daniel Harding
Reason for Inspection: (Check Applicable Box)	<input type="checkbox"/> Scheduled Periodic Inspection: <input type="checkbox"/> Quarterly / <input checked="" type="checkbox"/> Semi-annually / <input type="checkbox"/> Yearly <input type="checkbox"/> Discrepancies noted during Frequent Inspection / <input type="checkbox"/> Discrepancies noted during Maintenance / <input checked="" type="checkbox"/> Other Inspection & Maintenance		
Operating Environment:	<input checked="" type="checkbox"/> Normal / <input type="checkbox"/> Heavy / <input type="checkbox"/> Severe		

Refer to the Operation and Maintenance Manual for General Inspection Criteria.

Component	Condition / Corrective Action				Notes
	Pass	Fail	Repair	Replace	
Operators Manual					N/A
Maintenance Records					N/A
Safety Signs, Labels & Tags					N/A
Lifting Padeyes	✓				
Tie down points / Padeyes	✓				
Base-plate, Uprights & Side Rails	✓				
Controls, Gauges etc.					New 16bar air gauge required
Air Hoses / Connections					New Lubricator required
Emergency Stop					N/A
Limit Switches					N/A
Overload Device					N/A
Motor	✓				Okay
Shafts & Bearings	✓				
Reduction Gears	✓				
Clutch (if fitted)	✓				
Lubrication & Oil					New Lubricator required
Wire Rope Anchor	✓				Wire rope installed on it
Guards & Fasteners	✓				
Drum Band Brake (Visual Inspection)	✓				Look Okay
Automatic Brake (Visual Inspection)					Okay
Drum Band Brake (Function Test)	✓				Okay
Automatic Brake (Function Test)					Required testing on test bed
Other Components					New exhaust muffler required

Description Of Repairs (If No Repairs Have Been Carried Out State "NONE") NOTE:

NOTE:

- The winch has been inspected and function test only, it's rotating on both sides.
- One exhaust muffler and One exhaust silencer noise reduction required.
- No Static and Dynamic test was conducted due to the wire rope installed on it.

Testing	Pass	Fail	Notes
Operational (No Load)	/		Okay
Operational (25% static load)			
Others dynamic test			



RECORD OF TEST AND/OR THOROUGH EXAMINATION OF LIFTING EQUIPMENT (IN ACCORDANCE WITH L.O.L.E.R 98)

Document No:	F-OPS-120	Revision No.:	1.00
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Organization for whom the examination was made:
INTERNATIONAL RIG AND EQUIPMENT LIMITED
E-43, G-07, HAMRIYAH FREEZONE
SHARJAH, P O BOX 42915
UNITED ARAB EMIRATES

Location at which the examination was made:
AMOS ME YARD

Date of Examination: 07.06.2023	Date of Last Examination: N/A	Colour Code: N/A
Date of Report: 07.06.2023	Report No: 19749-2	
Customer Order No.: NC/613/765 REV 1	Works Order No.: 19749	
Customer Req. No.: N/A	PL Cert Number: N/A	PL Test Date: N/A

Equipment Information

Identification Mark	QTY	Description (sufficient to identify equipment examined)	Test Details	Safe Working Load(s)	Internal Location
A018018	1	PNEUMATIC POWERED TUGGER WINCH C/W 2 X TOP BOLTED PAD EYE LIFTING POINTS PAD EYE DIMS: THICK: 20MM, HOLE: 65MM TARE LOAD: 574 KG PAY LOAD: N/A KG GROSS LOAD: 574 KG EQUIPMENT USED: AMOS 25T LOADCELL # 13457 CALIBRATED ON: 01.03.2023	861KG	574KG	PNEUMATIC WINCH #A018018

	YES	NO		YES	NO
Has the equipment been;			Was the examination carried out;		
Supplied New	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Before being issued for the first time	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Supplied Reconditioned	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Within an interval of 6 months	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Examined Only	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Within an interval of 12 months	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Examined & Tested Only	<input checked="" type="checkbox"/>	<input type="checkbox"/>	As part of an Examination scheme	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Examined, Repaired/Tested	<input type="checkbox"/>	<input checked="" type="checkbox"/>	After exceptional circumstances	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Defected Equipment (If found) **Note:** Defected Equipment can also be recorded on separate form [F-OPS-121](#)

Identification of any part found to have a defect that could 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 person? YES NO

If not an immediate danger, when might it become dangerous to persons without rectification? (If YES, state date by when) YES by NO

Details of repair, renewal or alteration required to remedy the defect identified above N/A

Particulars of any tests carried out as part of the examination. (If none, state NONE) N/A

IS THIS EQUIPMENT SAFE TO USE? (NO = REMOVED FROM SERVICE) YES NO

Qualification, name & signature of person completing this report:

FRANKLIN BASI

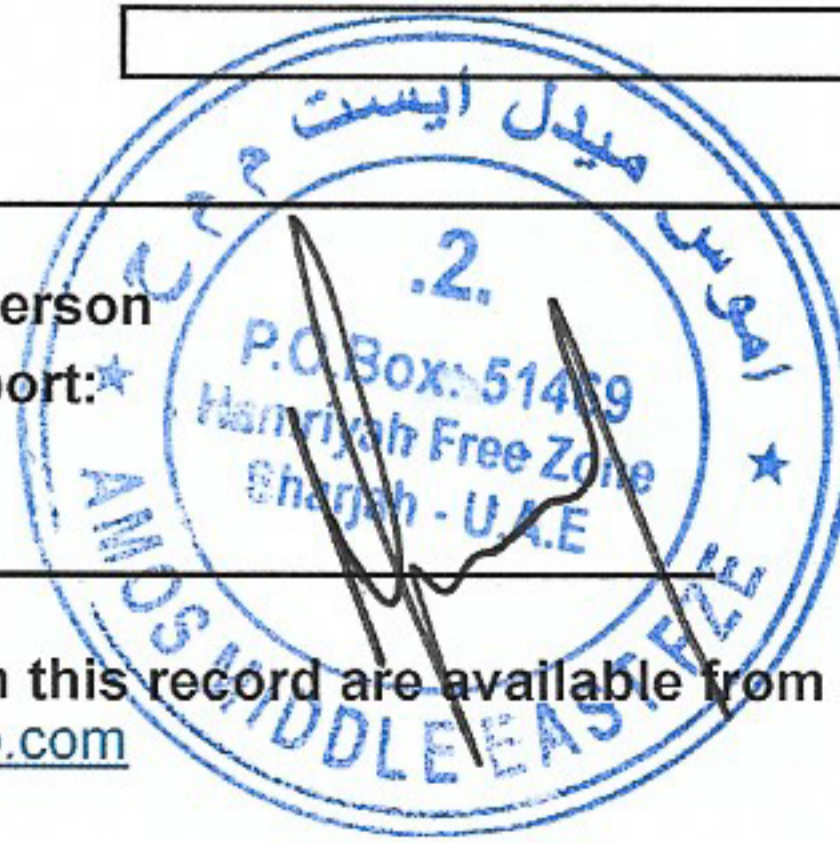
Name & signature of person authenticating this report:

MANU XAVIOUR

Latest date by which next exam must be carried out:

06.12.2023

Safe use instructions of the new equipment detailed in this record are available from our website:
www.amosgroup.com





RECORD OF TEST AND/OR THOROUGH EXAMINATION OF LIFTING EQUIPMENT (IN ACCORDANCE WITH L.O.L.E.R 98)

Document No:	F-OPS-120	Revision No.:	1.00
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Organization for whom the examination was made:
INTERNATIONAL RIG AND EQUIPMENT LIMITED
E-43, G-07, HAMRIYAH FREEZONE
SHARJAH, P O BOX 42915
UNITED ARAB EMIRATES

Location at which the examination was made:
AMOS ME YARD

Date of Examination: 07.06.2023	Date of Last Examination: N/A	Colour Code: N/A
Date of Report: 07.06.2023	Report No.: 19749-1	
Customer Order No.: NC/613/765 REV 1	Works Order No.: 19749	
Customer Req. No.: N/A	PL Cert Number: N/A	PL Test Date: N/A

Equipment Information

Identification Mark	QTY	Description (sufficient to identify equipment examined)	Test Details	Safe Working Load(s)	Internal Location
A018018	1	PNEUMATIC POWERED TUGGER WINCH C/W AUTOMATIC DISC BRAKE MFR: INGERSOLL RAND MODEL NO: FA2.5I-24MK1GP YEAR OF MFR.: 2011 EQUIPMENT USED: AMOS 25T LOADCELL # 13457 CALIBRATED ON: 01.03.2023 WINCH DIMENSIONS: LENGTH: 1550 MM WIDTH: 850 MM DRUM DIA.: 390 MM	2.75 TONNE STATIC PULL TEST (HELD FOR 5 MINUTES) 2.42 TONNE DYNAMIC TEST (HELD FOR 5 MINUTES)	2.2 TONNE	N/A

	YES	NO		YES	NO
Has the equipment been;			Was the examination carried out;		
Supplied New	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Before being issued for the first time	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Supplied Reconditioned	<input type="checkbox"/>	<input type="checkbox"/>	Within an interval of 6 months	<input type="checkbox"/>	<input type="checkbox"/>
Examined Only	<input type="checkbox"/>	<input type="checkbox"/>	Within an interval of 12 months	<input type="checkbox"/>	<input type="checkbox"/>
Examined & Tested Only	<input type="checkbox"/>	<input type="checkbox"/>	As part of an Examination scheme	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Examined, Repaired/Tested	<input checked="" type="checkbox"/>	<input type="checkbox"/>	After exceptional circumstances	<input type="checkbox"/>	<input type="checkbox"/>

Defected Equipment (If found) **Note:** Defected Equipment can also be recorded on separate form [F-OPS-121](#)

Identification of any part found to have a defect that could 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 person? YES NO

If not an immediate danger, when might it become dangerous to persons without rectification? (If YES, state date by when) YES by NO

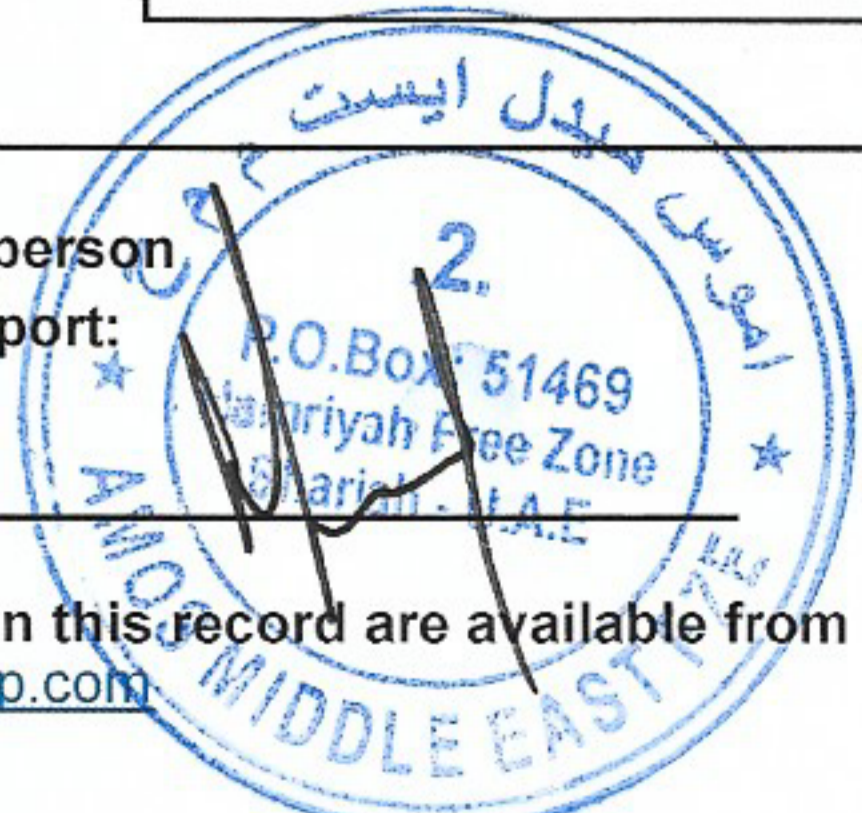
Details of repair, renewal or alteration required to remedy the defect identified above N/A

Particulars of any tests carried out as part of the examination. (If none, state NONE) N/A

IS THIS EQUIPMENT SAFE TO USE? (NO = REMOVED FROM SERVICE) YES NO

Qualification, name & signature of person completing this report:	Name & signature of person authenticating this report:	Latest date by which next exam must be carried out:
FRANKLIN BASI	MANU XAVIOUR	06.12.2023

Safe use instructions of the new equipment detailed in this record are available from our website:
www.amosgroup.com





122-IB

CERTIFICATE OF TEST AND THOROUGH EXAMINATION OF WINCH

Local Certificate 23-06-07-02-VA

Date of Inspection: 07.06.2023

Name and Address of the Owner: M/s. International Rig and Equipment Ltd., Hamriyah Free Zone, Sharjah, P.O Box: 42915 UAE	Place of Inspection: AMOS ME Yard, Hamriyah Free Zone, Sharjah, UAE
	DNV NPS No.: DNV Order No.:
Manufacturer OR Supplier: NMDC	Reference Standard: Manufacturer Spec

ID No.	Qty.	Equipment Description	Test Load Applied (Tonne)	SWL (Tonne)
A 018018	1	TUGGER WINCH All Steel Welded Construction Winch c/w 2 Nos. of Bolted Lifting points on top. Length : 1550 mm Width : 850 mm Drum Dia : 390 mm Pad Eye Details: Hole Dia.: 65 mm ; Thickness: 20 mm Tare Weight: 574 Lbs	861 Kgs	574 Kgs (M.G.W)

Identification of Measuring/Testing Tools: Vernier Caliper, Measuring Tape

Color Code : WHITE up to 31.06.2023 & then BLUE until end of certificate validity

Date of Last Examination	Date of Next Examination	Date of Last Proof Load Test	Date of Next Proof Load
N/A	06.12.2023	ON DATE	N/A

Technical Manager Name: **Moustafa Shaaban**

Surveyor's Name: **Vishnu Anand**

Technical Manager Signature:



Surveyor's Signature:



LEGAL DISCLAIMER: THIS IS TO CERTIFY THAT the above competent surveyor thoroughly examined the lifting equipment in the above-mentioned place as per relevant International Standard. Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.

Country Office - UAE, Sky Tower, Al Reem Island Unit, 2101-2105 Abu Dhabi - United Arab Emirates
Tel: +971 2 4978000 Fax: +971 2 4912934

Certificate No: 23-06-07-01-VA
 Date of Inspection: 7 June 2023

Annex to Certificate of Test and Thorough Examination of Winch

NO.	DESCRIPTION	CONDITION	REMARKS
1	Operational Controls / Indicators / Gauges	Satisfactory	
2	Warning Signages, Labels, Markings & Tags	Satisfactory	
3	Drum Guard / Cover	Satisfactory	
4	Drum & Rope Guide	Satisfactory	
5	Rope Spooling Device	Not Applicable	
6	Lead Sheave	Satisfactory	
7	Umbilical Cable, End Termination and Fittings	Not Applicable	
8	Umbilical Cable Certificate No. & Installation Date	Not Applicable	
9	Wire Rope, Termination and Fittings	Not Applicable	
10	Wire Rope Certificate No. & Installation Date	Not Available	
11	Motor and Drive Transmission	Satisfactory	
12	Haul-in Speed	Satisfactory	
13	Pay-out Speed	Satisfactory	
14	Braking and Holding	Satisfactory	
15	Winch Manual Brake	Satisfactory	
16	Automatic-Positive Braking System	Satisfactory	
17	Manual Descent Mechanism	Not Applicable	
18	A Frame and Sheaves	Not Applicable	
19	Foundation Structure and Fasteners	Satisfactory	
20	Electrical System /Connections	Satisfactory	
21	Hydraulic System / Hoses /Connections	Satisfactory	
22	Pneumatic System / Hoses /Connections	Satisfactory	
23	Hoisting and Lowering Limit Switches	Not Available	
24	Overload Protection / Limiter	Satisfactory	
25	Emergency Stop Push-button Switch(es)	Satisfactory	
26	Coating / General Condition	Satisfactory	
27	Records of Major Repair / Alteration / Replacement	None-As per client	
28	Maintenance Records	In order	

Comments: NONE



for DNV

 Vishnu Anand