

# EMERGENCY DIVER RECOVERY DAVIT



**SYNERGY**  
INNOVATIVE DIVING EQUIPMENT TRADING LLC

INSPIRING • ENGINEERING • INNOVATION

The Synergy Emergency Diver Recovery Davit is a robust and reliable lifting solution designed for the safe recovery of divers and the handling of equipment during offshore, inshore, and marine operations. Engineered to provide controlled lifting and lowering, the system is equipped with a personnel-rated recovery winch suitable for both emergency diver rescue and material handling applications.

The integrated anti-run braking mechanism automatically locks the winch whenever the operating handle is released, ensuring that the diver or load remains securely suspended until lifting or lowering is resumed. Its efficient gear ratio allows smooth and controlled operation with minimal effort, enhancing safety during critical recovery situations.



Fig 1. Emergency Diver Recovery Davit

## SPECIFICATIONS

- Maximum Working Load (MWL): Up to 250 kg
- Heavy-duty construction for demanding marine and diving operations
- Integrated anti-run brake for enhanced safety and load control
- Wire rope length: Up to 40 m
- Available with galvanized or stainless steel wire rope

## KEY FEATURES

- Personnel-rated for emergency diver recovery applications
- Smooth and controlled manual lifting operation
- Corrosion-resistant design suitable for offshore and marine environments
- Compatible with various mounting arrangements and support structures
- Designed for safe and reliable diver recovery and equipment handling operations
- Man-rinding winch





Designed and manufactured for demanding marine environments, the Synergy Emergency Diver Recovery Davit can be installed on vessels, barges, pontoons, quaysides, and diving support platforms. Constructed from high-quality marine-grade materials, the system offers excellent durability, corrosion resistance, and long-term reliability for diver recovery and lifting operations.



Fig 2. Winch





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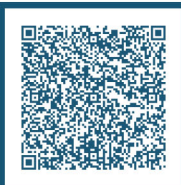
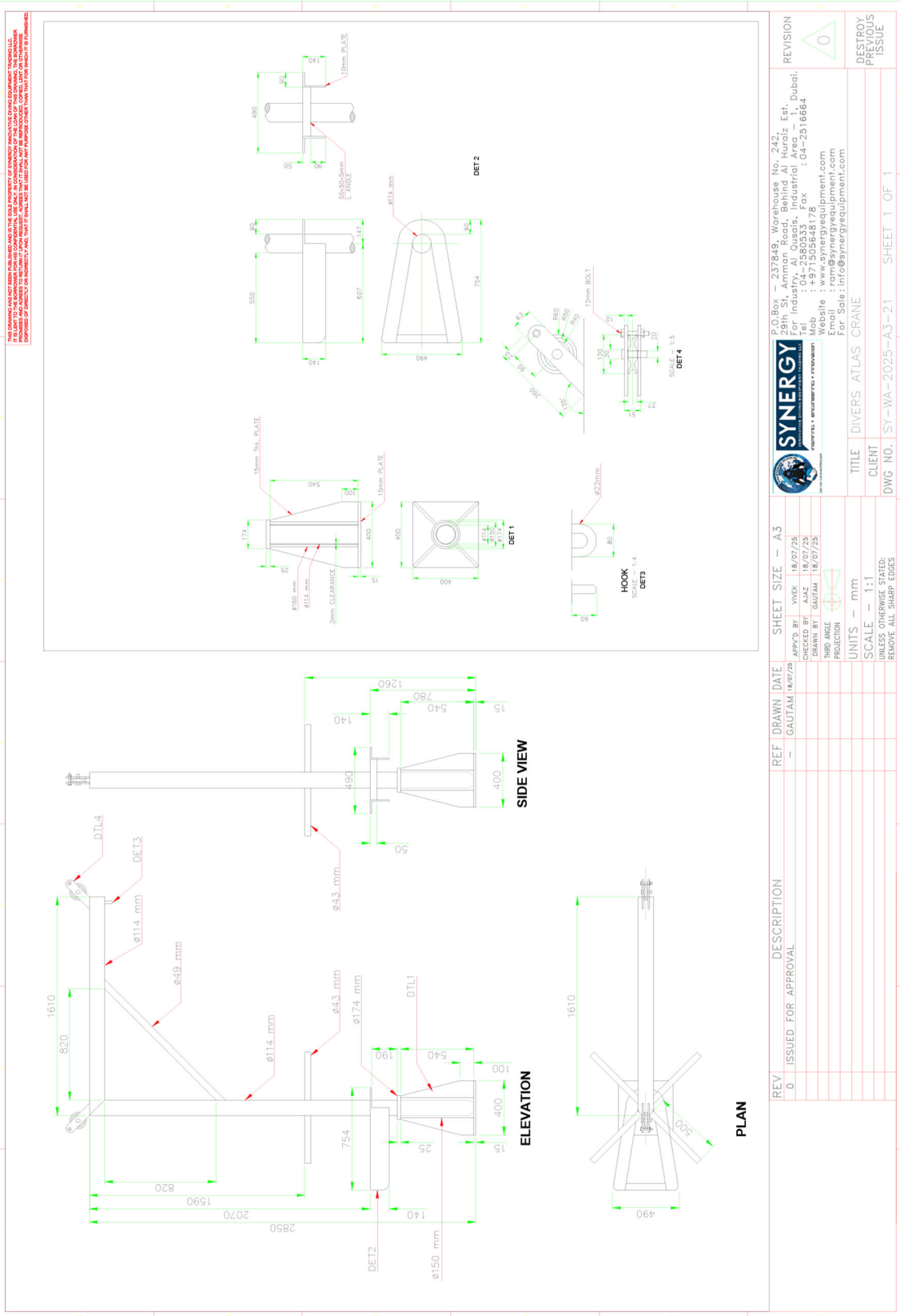
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**BUREAU  
VERITAS**

REPORT No: DBA.4.25.062.030626.IR.02.AR

## REPORT OF TEST & THOROUGH EXAMINATION OF LIFTING EQUIPMENT

Name and address of employer / owner for whom the examination was made:	Address of premises at which the examination was made:	Name and address of the manufacturer / supplier of the equipment:
SYNERGY INNOVATIVE DIVING EQUIPMENT TRADING LLC, DUBAI, UAE	SYNERGY FACILITY, DUBAI, UAE	SYNERGY INNOVATIVE DIVING EQUIPMENT TRADING LLC, DUBAI, UAE

(1) Distinguishing mark	(2) Description of item to include type, size, dimensions etc., as known to enable the equipment to be easily identified	(3) Quantity	(4) Test load in kg	(5) SWL
SYN/EDRD/ 002-687513	<b>EMERGENCY RECOVERY DAVIT</b> All-steel, welded-construction Emergency Recovery Manually Slewing Davit fitted with a manual hand winch.  Height : 2850 mm Span : 1610 Rope Dia : 6 mm Rope Length : 40 m YOM : 05.2026	01 no	312.5 Kg	250 Kg

Reason for issuing the report:	Test amount:
<input checked="" type="checkbox"/> Initial examination <input type="checkbox"/> Refresh examination; Interval:  <input type="checkbox"/> Examination after repair, renewal or alteration Details: _____ _____	<input checked="" type="checkbox"/> Visual inspection: Satisfactory <input checked="" type="checkbox"/> NDT: Satisfactory MPI REP# BV-HI ENERGY-MPT-014, Dt: 06.03.2026  <input checked="" type="checkbox"/> Load test: Satisfactory <input type="checkbox"/> Other:  Reference standard: Tested As per Client Request  If applicable: Load measuring device: Calibrated Weights
Colour code : As per Project	
Date of Last of Inspection : New testing	

<input checked="" type="checkbox"/> <b>Safe to Future use</b> On the date to which the gear shown in column (1) was tested and thoroughly examined no defects or permanent deformation were found and that safe working load is as shown. <input type="checkbox"/> <b>Safe to operate. – TIME LIMITED –</b> On the date to which the gear shown in column (1) was tested and thoroughly examined the safe working load is as shown. Following defects were found which are not yet but become a danger to persons _____ All above-described defects have to be corrected till: <b>xxxx-xx-xx</b> . After correction the gear has to be examined again. <input type="checkbox"/> <b>Not safe to operate.</b> On the date to which the gear shown in column (1) was tested and thoroughly examined following defects or permanent deformations were found which are or can become a danger to persons: _____
--

I report that the item described above was examined in the prescribed manner and all parameters mentioned above were correct at the time of inspection.	
Name of Inspector: <b>ALTHAF RAJA</b>	Reviewer: <b>DELMIN M STEPHAN</b>
Signature: _____	Signature: _____
Date of Inspection: <b>03.06.2026</b>	Date of next thorough examination: <b>02.12.2026</b>



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**DXB-IVS-029-R1**

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SYNERGY CE 01174 EMAIL :- ram@synergyequipment.com	
Description	Emergency Diver Recovery Davit
Serial Number	SYN / EDRD / 001 - 687513
Manufacture Month/Year	MAY / 2026
SWL ( man-riding)	250kg
Wire Rope Size / Length	Ø 6mm / 40m
Load Test Date	03/06/2026



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