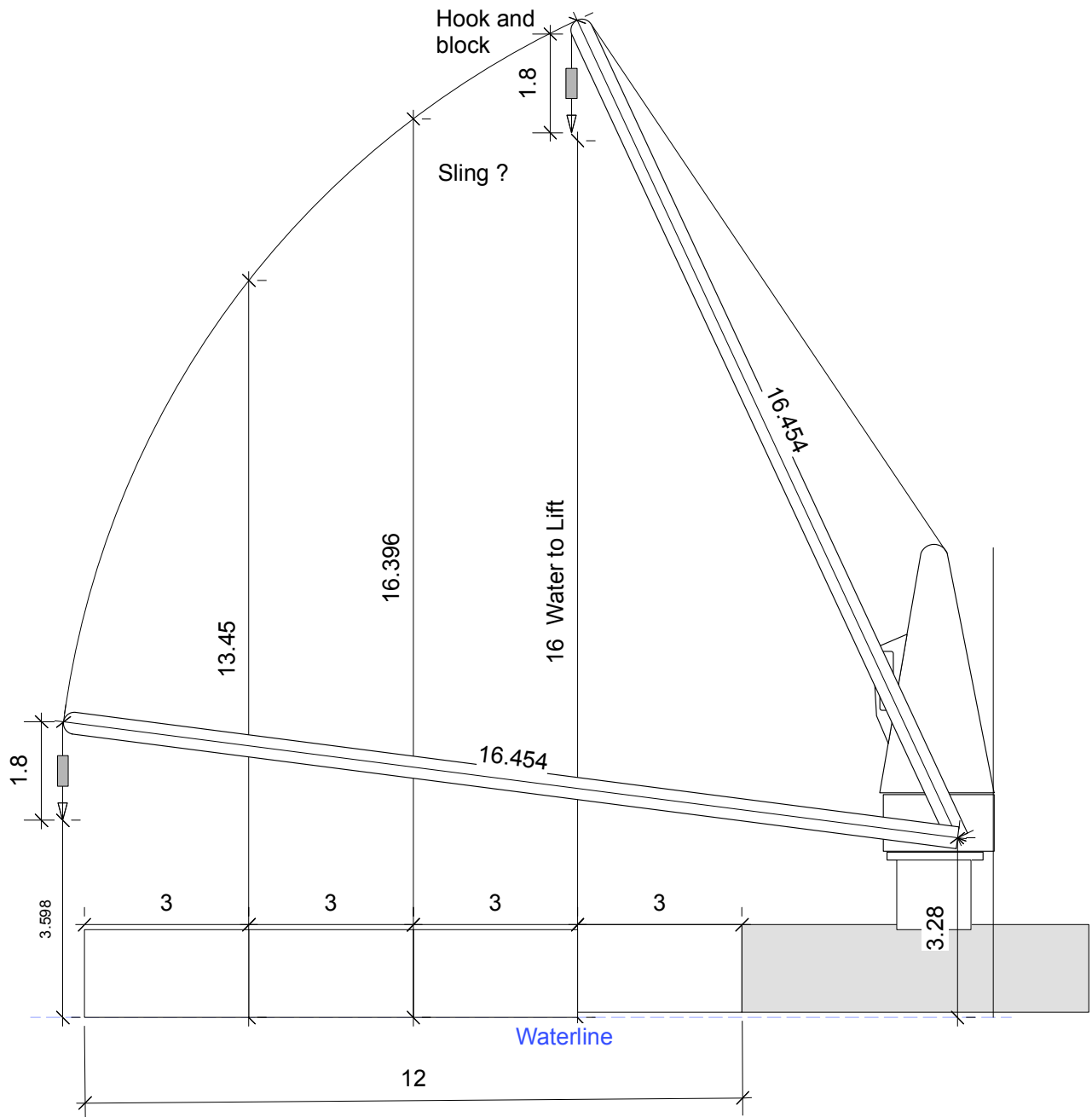


Waratah Marine  
Ph: 95551222

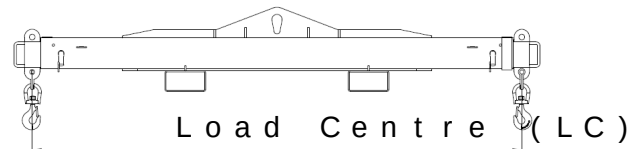




## Design Compliance Certificate

V2 4 7 CRANE / FORK SPREADER BEAM

Verdex certifies that the V2 4 7-Crane Forklift Spreader Beam has been designed and fabricated for a Working Load Limit (WWL) of as the Load Chart Table below performance requirements of the following Australian Standards:



| Rated Capacity<br>When used as | Fully Retracted @<br>2405mm Load Centre | Middle Position @<br>3165 mm Load Centre | Fully Extended @<br>3925 mm Load Centre |
|--------------------------------|-----------------------------------------|------------------------------------------|-----------------------------------------|
| Forklift Attachment            | 3500 kg                                 | 1500 kg                                  | 750 kg                                  |
| Lifting Beam                   | 4500 kg                                 | 2500 kg                                  | 1300 kg                                 |
| Spreader Beam                  | 9000 kg                                 | 7200 kg                                  | 5600 kg                                 |

AS/NZS 1554.1:2014

Structural Steel Welding –Welding of Steel Structure SAA

AS 2359.2 –2013

Industrial Truck Code –Operation

AS 2359.1 –2015

Powered Industrial Trucks –General Requirements

AS 3990 –1993

Mechanical Equipment –Steelwork

AS 1418.1 - 2004

Cranes - General Requirements

AS 2550.1 - 2011

Cranes - Safe Use, General Requirements

AS 4991 - 2004

Lifting Devices

Date of Issue: 7<sup>th</sup> September 2022

Tel: (02) 8866 4600

Email: [sales@verdex.com.au](mailto:sales@verdex.com.au)

Web: [www.verdex.com.au](http://www.verdex.com.au)

ABN: 66 640 439 149ABN



Postal Address: PO Box 4052, Carlingford North NSW 2188

Office/Warehouse Address: 90 Hollinsworth Road, Marsden Park NSW 2765

**WORKPLACE, SAFETY & MANUAL HANDLING EQUIPMENT**



# CLOSING REPORT

Vessel/ Site: MV Waratah; MV  
Teloepa Availability: September 2025 Task No: N/A

Customer: Waratah Marine WI No: N/A

Task Summary: Carry Out Load Test and Certification of 3t FAVCO Crane on both Waratah & Teloepa

Date Commenced: 01/09/2025 Date Completed: 01/09/2025

1. DISCREPANCIES WITH THE MRC/TRC/WI (or Nil): Nil
2. DISCREPANCIES WITH REFERENCED MANUALS (or Nil): Nil
3. INABILITY TO COMPLETE ANY ASPECT OF THE TASK (or Nil): Nil
4. QUOTED LABOUR HOURS: (Expended)
5. PARTS REPAIRED OR REPLACED (including part numbers and quantities): Nil
6. MISCELLANEOUS MATERIALS (utilised for successful completion of the task): Nil
7. RESULTS OF READINGS, INSPECTIONS AND CHECKS (or Nil): See remarks
8. REMARKS (or Nil):
  1. Equipment has passed final inspections and testing.
  2. Equipment deemed fit for use.

## ATTACHMENTS

- a) SWMS
- b) Test Certificates
- c) Calibration Certificates –In-date calibrated equipment used by SPE are as follows:

| Manufacturer | Model | Description | Serial No. | Calibration Report No. | Calibration Due |
|--------------|-------|-------------|------------|------------------------|-----------------|
| SPE          | 5T    | Load Link   | 0909014    | S558337-1              | 28/08/2027      |
|              |       |             |            |                        |                 |

Completed By: Divesh N. Lal Signature: Date: 03/09/2025

| SHIP                    | Availability | Job No | WI No          | JSA Revision |
|-------------------------|--------------|--------|----------------|--------------|
| MV Telopia & MV Waratah | August 2025  | TBA    | ANP4412-4314-1 | 0            |

## SAFE WORK METHOD STATEMENTS

Task Summary: **LOAD TEST AND CERTIFY FIXED DECK FAVCO MOUNTED CRANES (2 x Off)**

|              | Name (print)  | Company | Signature                                                                                                  | Date       |
|--------------|---------------|---------|------------------------------------------------------------------------------------------------------------|------------|
| Prepared by: | Divesh N. Lal | SPE     | Divesh N. Lal<br><small>Digitally signed by Divesh N. Lal<br/>Date: 2025.08.29 08:11:47<br/>+1030'</small> | 29/08/2025 |

*NB: Submit each revision for review before issuing.*

### Emergency requirements

*(Local emergency contacts, local first aid, assembly area, emergency exit routes are clear)*

In the event of an emergency, fire, or spills, contact Adam Huie and call security control office, call incident control centre if required. Please list the SPE and Boronia staff representative number here:  
SPE Divesh 0423590236

### Legislation, Regulation, Codes, Standards & Procedures

*(Applicable to this JSA)*

WHS Act 2011, WHS Regulation 2011, ANP4412-4314-1—Navy Lifting and Securing Equipment Testing and Surveying Requirements, Chapter 9, AS 1470—Health and Safety at Work—Practices and Principles

### Plant, equipment, tools, and inspection/maintenance regime

*(For example, ladders, lifting gear, scissor lifts, scaffolds, power tools, electrical articles, fire extinguishers)*

Scaffolding, Straight edge, measuring tape, Certified tagged and inspected lifting gear (slings, shackles, ratchet blocks, chain blocks other as required)- inspect pre-use, calibrated load cell, jacking system, stopwatch, Vernier calliper, tally plates, barrier tapes, safety cones/ bollards, test signs, camera, torch, rags, other tools, and materials as required.

### Hazardous materials and/or dangerous goods, spill kit, hazardous waste disposal

*(Provide current safety data sheets (M) SDS and product data sheets (PDS) (PDS, if available)*

Adhesive for tally plates

### High-risk requirements

*(High-risk licenses, fire sentry, etc)*

Nil

### Permit requirements

*(Work at height, hot work, confined space, isolation, danger tags, etc)*

Site staff for other additional requirements

### PPE requirements

Mandatory PPE: Eye protection (indoor, outdoor safety glasses), Head protection (hard hat), Hi-Vis Uniform (long sleeve shirt and long trousers, Foot protection, Work, and safety gloves. Outdoor work protection (sun, weather). If required, obtain additional PPE required after conducting site risk assessment. Life jackets





| SHIP                    |  | Availability | Job No | WI No             |
|-------------------------|--|--------------|--------|-------------------|
| MV Telopia & MV Waratah |  | August 2025  | TBA    | ANP4412-4314-1    |
|                         |  |              |        | JSA Revision<br>0 |

## SAFE WORK METHOD STATEMENTS

(Identify process flow – focus on what (step)/not how, then identify competent staff that will do the steps, seek their input on hazards, risks, and controls)

| # | Job Step                     | Hazard                                                                    | Mode of Injury / Injury               | Risk   | Control Measures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Revised Risk | Responsible                   |
|---|------------------------------|---------------------------------------------------------------------------|---------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------------------------|
| 1 | Consult with Site supervisor | Inadequate training, consultation, and planning<br>COVID 19 (coronavirus) | COVID 19 virus infection              | 15(M)  | Maintain social distancing and follow COVID 19 safety rules.<br>Determine access requirements. Confirm scope of work<br>Toolbox talk & liaise with other contractors working around before commencing the job.<br>The plan of work should most discussed before attempting to conduct the task.<br>-Instructions should come from one person when working in teams of two or more<br>-Communication methods or jargon must agree upon prior to conducting the task                                                                                                                                                                                                                                         | 25 (L)       | SPE staff and Site supervisor |
| 2 | Setup work area              | Unfamiliar with equipment<br>maintenance/operation<br>Scaffolding         | Strains and sprains<br>Cuts & bruises | 15 (M) | Liaise with site Supervisor for any special requirements for access<br>Monitor site risks & conduct site risk assessment before commencing the work and revise SWMS as required & use suitable PPE applicable.<br>Place barriers, post signs. Consult and coordinate with other contractors.<br>Isolate equipment if required.<br>Life jackets when on Boat and near water edge<br>Each employee will have time on the job to properly stretch and warm-up before and during physical activity for a period deemed appropriate by the crew leader, or on-site supervisor.<br>Employees must switch hands often and vary the types of activities performed to limit exposure to repetitive motion injuries. | 25 (L)       | SPE                           |



| SHIP                    |  | Availability | Job No | WI No          | JSA Revision |
|-------------------------|--|--------------|--------|----------------|--------------|
| MV Telopia & MV Waratah |  | August 2025  | TBA    | ANP4412-4314-1 | 0            |

### SAFE WORK METHOD STATEMENTS

| # | Job Step                                                          | Hazard                                                         | Mode of Injury / Injury                       | Risk   | Control Measures                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Revised Risk | Responsible                            |
|---|-------------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|----------------------------------------|
| 3 | Inspect and carry out Full operational function test without load | Trips and fall, manual handling                                | Cuts due to sharp edges / protruding material | 14 (M) | <p>The appropriate number of workers must use to move materials. This decision may vary between individuals.</p> <p>Check and confirm with operator that crane is safe to operate</p> <p>All prechecks of crane is completed</p> <p>Sight Logbook for records for maintenance plan records</p> <p>All components are inspected and are all intact and no loose fasteners and missing parts</p> <p>Observe and inspect work area before the job commences.</p> <p>Observe any sharp edges, broken wires and wear suitable gloves while doing visual inspection,</p> <p>Use of enough workforce or help from workmates for moving the fittings associated with geared blocks, good housekeeping, follow safe lifting procedures, keep the equipment close to the body while lifting.</p> | 23 (L)       | SPE                                    |
| 4 | Load test Fixed Deck mounted Crane as per requirements.           | Manual handling<br>Equipment failure,<br>Trips and fall points | Muscle strains and sprains, Cuts, bruises,    | 13 (H) | <p>Cordon off load testing area, apply test loads slowly to prevent impact loading.</p> <p>Calibrated equipment must be used. All slings and shackles must be tagged and in test date</p> <p>Correct method of sling wrapped around Bollards and competent rigger to carry out rigging and attached all test rigs for load test</p> <p>Do not exceed test loads as specified in WI,</p> <p>Observe fault conditions, halt test immediately in case of failure.</p> <p>Use mechanical aid wherever possible and use</p>                                                                                                                                                                                                                                                                 | 20 (L)       | SPE, Boronia staff and Site supervisor |





|                         |  |              |        |                |              |
|-------------------------|--|--------------|--------|----------------|--------------|
| SHIP                    |  | Availability | Job No | WI No          | JSA Revision |
| MV Telopia & MV Waratah |  | August 2025  | TBA    | ANP4412-4314-1 | 0            |

### SAFE WORK METHOD STATEMENTS

| # | Job Step           | Hazard            | Mode of Injury / Injury                 | Risk  | Control Measures                                                                                                                                                                                                            | Revised Risk | Responsible |
|---|--------------------|-------------------|-----------------------------------------|-------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-------------|
|   |                    |                   |                                         |       | enough manpower while moving testing equipment.<br>Carry out visual inspection before and after load test.<br>Check the condition of the anchor point before conducting load testing where the sling and load cell attached |              |             |
| 5 | Affix tally plate. | Tally plate glue  | Skin irritation                         | 15(M) | Read MSDS for adhesive for tally plates, check there is no spill or other chemical nearby, do not use in confined spaces, do not mix with other chemicals                                                                   | 25 (L)       | SPE         |
| 6 | Restore work area  | Poor housekeeping | Slip, trip, and fall.<br>Cuts, bruises. | 15(M) | Dispose of any waste. Remove tools and other equipment.                                                                                                                                                                     | 24(L)        | SPE         |



|                         |              |        |                |              |
|-------------------------|--------------|--------|----------------|--------------|
| SHIP                    | Availability | Job No | WI No          | JSA Revision |
| MV Telopia & MV Waratah | August 2025  | TBA    | ANP4412-4314-1 | 0            |

## SAFE WORK METHOD STATEMENTS

### SITE-SPECIFIC RISK ASSESSMENT

Environmental conditions and/or precautions (outdoor work):

(UV radiation, temperature, weather, windy (swinging loads), fire ban, etc)

N/A

### Identify Site Specific Hazards

Place a tick for Site-Specific Hazards and list below in site-specific hazards.

|                     |                          |                         |                          |                                |                          |                               |                          |
|---------------------|--------------------------|-------------------------|--------------------------|--------------------------------|--------------------------|-------------------------------|--------------------------|
| Electrical          | <input type="checkbox"/> | Trenches                | <input type="checkbox"/> | Overhead                       | <input type="checkbox"/> | Also, Consider                | <input type="checkbox"/> |
| Chemical            | <input type="checkbox"/> | Weather                 | <input type="checkbox"/> | Sharps objects/needles         | <input type="checkbox"/> | Pollution to the environment  | <input type="checkbox"/> |
| Tools               | <input type="checkbox"/> | Dust                    | <input type="checkbox"/> | Pedestrians                    | <input type="checkbox"/> | Soil erosion / contamination  | <input type="checkbox"/> |
| Gasses              | <input type="checkbox"/> | Slip/trip               | <input type="checkbox"/> | Working alone                  | <input type="checkbox"/> | Runoff to the drainage system | <input type="checkbox"/> |
| Hazardous Materials | <input type="checkbox"/> | Remote site             | <input type="checkbox"/> | Personal Hazards               |                          | Simultaneous operations       | <input type="checkbox"/> |
| Vehicles            | <input type="checkbox"/> | Hot/cold objects        | <input type="checkbox"/> | Hit by moving objects          | <input type="checkbox"/> | Security                      | <input type="checkbox"/> |
| Heights             | <input type="checkbox"/> | Rotating Equipment      | <input type="checkbox"/> | Caught in / between            | <input type="checkbox"/> | Damage to equipment           | <input type="checkbox"/> |
| Depth               | <input type="checkbox"/> | Moving Equipment        | <input type="checkbox"/> | Strain / repetitive            | <input type="checkbox"/> | Air / fumes & odours          | <input type="checkbox"/> |
| Weight              | <input type="checkbox"/> | Lifting Equipment       | <input type="checkbox"/> | Dropped objects                | <input type="checkbox"/> | Waste management              | <input type="checkbox"/> |
| Lighting            | <input type="checkbox"/> | Confined Space          | <input type="checkbox"/> | Strike against                 | <input type="checkbox"/> | Other hazards                 | <input type="checkbox"/> |
| Pressure            | <input type="checkbox"/> | Dehydration             | <input type="checkbox"/> | Inhalation                     | <input type="checkbox"/> |                               | <input type="checkbox"/> |
| Access              | <input type="checkbox"/> | Radiation               | <input type="checkbox"/> | Burns                          | <input type="checkbox"/> |                               | <input type="checkbox"/> |
| Vibration           | <input type="checkbox"/> | Manual Handling         | <input type="checkbox"/> | Exposure to gas / heat / fumes | <input type="checkbox"/> |                               | <input type="checkbox"/> |
| Noise               | <input type="checkbox"/> | Opened manholes/hatches | <input type="checkbox"/> | Exposure to dust/chemicals     | <input type="checkbox"/> |                               | <input type="checkbox"/> |





|                         |              |        |                |              |
|-------------------------|--------------|--------|----------------|--------------|
| SHIP                    | Availability | Job No | WI No          | JSA Revision |
| MV Telopia & MV Waratah | August 2025  | TBA    | ANP4412-4314-1 | 0            |

### SAFE WORK METHOD STATEMENTS

| <b>Hazards:</b> List the site-specific hazards not controlled adequately in the JSA as ticked above |     | <b>Initial Risk:</b> tick the box that best describes the level of risk that personnel may be exposed to.<br>(Refer to risk matrix in the JSA) |                          |                          |                          |
|-----------------------------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|
|                                                                                                     |     | Low                                                                                                                                            | Medium                   | High                     | Extreme                  |
| 1                                                                                                   |     | <input type="checkbox"/>                                                                                                                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2                                                                                                   |     | <input type="checkbox"/>                                                                                                                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3                                                                                                   | N/A | <input type="checkbox"/>                                                                                                                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4                                                                                                   |     | <input type="checkbox"/>                                                                                                                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5                                                                                                   |     | <input type="checkbox"/>                                                                                                                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

| <b>Controls:</b> List the control mechanisms that will be put in place for the hazards above. |     | <b>Residual Risk:</b> tick the box that best describes the new level of risk that personnel may be exposed to after controls are in place |                          |                          |                          |
|-----------------------------------------------------------------------------------------------|-----|-------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|
|                                                                                               |     | Low                                                                                                                                       | Medium                   | High                     | Extreme                  |
| 1                                                                                             |     | <input type="checkbox"/>                                                                                                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2                                                                                             |     | <input type="checkbox"/>                                                                                                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3                                                                                             | N/A | <input type="checkbox"/>                                                                                                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4                                                                                             |     | <input type="checkbox"/>                                                                                                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5                                                                                             |     | <input type="checkbox"/>                                                                                                                  | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

|                         |              |        |                |              |
|-------------------------|--------------|--------|----------------|--------------|
| SHIP                    | Availability | Job No | WI No          | JSA Revision |
| MV Telopia & MV Waratah | August 2025  | TBA    | ANP4412-4314-1 | 0            |

## SAFE WORK METHOD STATEMENTS

### CONSULTATION AND SIGN-OFF SHEET

**The person responsible for the site supervision of the work**

(Inspecting and approving work areas, work methods, compliance with JSA, protective measures)

Name

Position

Signature \_\_\_\_\_

Date \_\_\_\_\_

D-LAL

PhD

□

01/09/25

I confirm by my signature below that I have attended a briefing on the requirements of this JSA and I agree to perform the work in the manner detailed in it. I confirm that I have reviewed relevant documentation.

[illegible]

| SHIP                    | Availability | Job No | WI No          | JSA Revision |
|-------------------------|--------------|--------|----------------|--------------|
| MV Telopia & MV Waratah | August 2025  | TBA    | ANP4412-4314-1 | 0            |

## SAFE WORK METHOD STATEMENTS

### RISK ASSESSMENT MATRIX

|             |   |                                                                   | Likelihood     |        |          |          |        |
|-------------|---|-------------------------------------------------------------------|----------------|--------|----------|----------|--------|
|             |   |                                                                   | A              | B      | C        | D        | E      |
|             |   |                                                                   | Almost certain | Likely | Possible | Unlikely | Rare   |
| Consequence | 1 | Potential fatality/terminal illness                               | 1 (E)          | 2 (E)  | 4 (E)    | 7 (H)    | 11 (M) |
|             | 2 | Potential Long-term Injury or Illness with a permanent disability | 3 (E)          | 5 (E)  | 8 (H)    | 12 (M)   | 16 (M) |
|             | 3 | Potential loss time injury but not permanent disability           | 6 (H)          | 9 (H)  | 13 (H)   | 17 (M)   | 20 (L) |
|             | 4 | Potential First Aid or medical treatment but no lost time         | 10 (H)         | 14 (M) | 18 (M)   | 21 (L)   | 23 (L) |
|             | 5 | Hazard or near miss requiring reporting and follow up action      | 15 (M)         | 19 (L) | 22 (L)   | 24 (L)   | 25 (L) |

(This is the goal – you must know how to act)

| Code | Dec.     | Risk action                                                                                                 |
|------|----------|-------------------------------------------------------------------------------------------------------------|
| E    | Extreme  | Stop work. Immediate senior management attention required.                                                  |
| H    | High     | Immediate corrective action required. Additional controls required to lower the risk.                       |
| M    | Moderate | Monitor and maintain strict measures. May require corrective action through planning and budgeting process. |
| L    | Low      | Monitor and manage by routine procedures.                                                                   |



**SOUTH PACIFIC ENGINEERING PTY LTD**

ABN: 36 089 196 350

[www.speaustralia.com](http://www.speaustralia.com)CERTIFICATE NO: **C4001****INSPECTION & TEST CERTIFICATE**

|                          |                                   |                           |            |
|--------------------------|-----------------------------------|---------------------------|------------|
| Date of Issue            | 03/09/2025                        | Date of Inspection & Test | 01/09/2025 |
| Equipment Owner          | Waratah Marine                    | Vessel                    | MV Waratah |
| Availability             | September 2025                    | Serial                    | N/A        |
| Job No                   | N/A                               | Priority No               | N/A        |
| Equipment Location       | On Deck                           |                           |            |
| Unique Identification No | 53693                             |                           |            |
| Description of Equipment | FAVCO Deck Crane Model S.D.R. 150 |                           |            |
| SWL                      | 3000kg                            |                           |            |

**Inspection & Test Results**

| Action Type                                                                                                            |       | Test Parameter                                    | Results & Remarks                |
|------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------|----------------------------------|
| Inspection                                                                                                             |       | N/A                                               | Pass                             |
| Rated Load Test                                                                                                        |       | 3000kg                                            | Pass                             |
| Proof Load Test                                                                                                        |       | N/A                                               | N/A                              |
| Static Load Test                                                                                                       |       | 4000kg                                            | Pass                             |
| Dynamic Load Test                                                                                                      |       | 3300kg                                            | Pass                             |
| Remarks                                                                                                                |       | Passed final visual inspection after load testing |                                  |
| Time Load Held For                                                                                                     | 10min | Instrument Calibration Cert No                    | S558337-1                        |
| Inspection & test carried out as per the following procedures and standards                                            |       | As per customer request                           |                                  |
| The equipment was inspected & tested as per the standards and procedures above and found to be the following condition |       |                                                   | Satisfactory      Unsatisfactory |

Authorised Signatory: Divesh N. Lal



Position: Managing Director

Accredited for compliance with ISO/IEC 17020. NATA Accreditation No 14655



**SOUTH PACIFIC ENGINEERING PTY LTD**

ABN: 36 089 196 350

[www.speaustralia.com](http://www.speaustralia.com)CERTIFICATE NO: **C4002****INSPECTION & TEST CERTIFICATE**

|                          |                                   |                           |            |
|--------------------------|-----------------------------------|---------------------------|------------|
| Date of Issue            | 03/09/2025                        | Date of Inspection & Test | 01/09/2025 |
| Equipment Owner          | Waratah Marine                    | Vessel                    | MV Telopea |
| Availability             | September 2025                    | Serial                    | N/A        |
| Job No                   | N/A                               | Priority No               | N/A        |
| Equipment Location       | On Deck                           |                           |            |
| Unique Identification No | Telopea                           |                           |            |
| Description of Equipment | FAVCO Deck Crane Model S.D.R. 150 |                           |            |
| SWL                      | 3000kg                            |                           |            |

**Inspection & Test Results**

| Action Type                                                                                                            |       | Test Parameter                                    | Results & Remarks                |
|------------------------------------------------------------------------------------------------------------------------|-------|---------------------------------------------------|----------------------------------|
| Inspection                                                                                                             |       | N/A                                               | Pass                             |
| Rated Load Test                                                                                                        |       | 3000kg                                            | Pass                             |
| Proof Load Test                                                                                                        |       | N/A                                               | N/A                              |
| Static Load Test                                                                                                       |       | 4000kg                                            | Pass                             |
| Dynamic Load Test                                                                                                      |       | 3300kg                                            | Pass                             |
| Remarks                                                                                                                |       | Passed final visual inspection after load testing |                                  |
| Time Load Held For                                                                                                     | 10min | Instrument Calibration Cert No                    | S558337-1                        |
| Inspection & test carried out as per the following procedures and standards                                            |       | As per customer request                           |                                  |
| The equipment was inspected & tested as per the standards and procedures above and found to be the following condition |       |                                                   | Satisfactory      Unsatisfactory |

Authorised Signatory: Divesh N. Lal



Position: Managing Director

Accredited for compliance with ISO/IEC 17020. NATA Accreditation No 14655



SCN020v3.70

Report No; S558337-1  
Issue Date: 29 Aug 2025  
Page 1 of 2

## CALIBRATION REPORT LOAD LINK

**FOR:** SOUTH PACIFIC ENGINEERING P/L  
UNIT 9 / 12 RIVERSIDE ROAD  
CHIPPING NORTON NSW 2170 AUSTRALIA

**LOCATION:** Trescal Sydney - Site No. 22182

**DATE OF TEST:** 28 August 2025

**EQUIPMENT DETAILS:** Load Link  
Maker: SPE  
Serial Number: 0909014  
Plant Number: AGX01132  
Type: 5T  
Range: 5000 kgf x 5 kgf

Force Application: Externally Applied  
Force Indication: Digital Indicator

### TEST DETAILS:

"Force Measuring Systems of Testing Machines."  
DOLEUDWLRQURFHGXUHA  
AKORDGOLQDVFDLEUDWHGLQHQLRQVLQPSLQRMUDVHULHVRIWKHHWHVWV  
AKDPELHQWHPSHUDWXUHDWWKWLPHRIFDOLEUDWLRQVWR  
AHHUHQ(TXLSPHQV,QWIRQWIR\$  
AQHUWDLQHQGHQ/HMOB

### PRELIMINARY INSPECTION:

The Equipment was in an operational condition as found



A. Ainsworth  
Approved Signatory



Report No; S558337-1  
Issue Date: 29 Aug 2025  
Page 2 of 2

## PERFORMANCE TABLE:

In the following table a plus error shows that the indicated force is greater than the force applied to the test specimen.

| Scale Range                        | Indicated Force | Class | Error % | Repeat % | Uncertainty $\pm U_{95}$ (k) | Before Adjustment | Mean Applied Force |
|------------------------------------|-----------------|-------|---------|----------|------------------------------|-------------------|--------------------|
| <i>Tension</i><br>5000 kgf x 5 kgf | 200             | C     | +0.4    | 1.1      | 1.05% (2.2)                  | No Adj.           | 199                |
|                                    | 500             | A     | +1.0    | 0.1      | 0.32% (2.0)                  | No Adj.           | 495                |
|                                    | 1,000           | A     | +0.4    | 0.9      | 1.34% (4.3)                  | No Adj.           | 996                |
|                                    | 2,000           | A     | +0.5    | 0.1      | 0.25% (2.0)                  | No Adj.           | 1,990              |
|                                    | 3,000           | A     | +0.5    | 0.0      | 0.25% (2.0)                  | No Adj.           | 2,984              |
|                                    | 4,000           | A     | +0.7    | 0.0      | 0.25% (2.0)                  | No Adj.           | 3,972              |
|                                    | 5,000           | A     | +0.8    | 0.1      | 0.25% (2.0)                  | No Adj.           | 4,960              |

## CONCLUSION:

The load link class based on performance and readability of the scale is included in the above table. The error and repeatability did not exceed the specification requirements within the intervals tabulated.

**RECOMMENDED DATE OF NEXT TEST:** 28 August 2027