



## VUL-FRM-10-18-Trailer Inspection

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|----------------------------|--|
| <b>Call Sign:</b>          |  |
| <b>Make:</b>               |  |
| <b>Model:</b>              |  |
| <b>Serial Number:</b>      |  |
| <b>Equipment Owner:</b>    |  |
| <b>Inspector:</b>          |  |
| <b>Date of Inspection:</b> |  |

### System Checks

| Multiple Inspection Template Checks                                            | Yes                      | No                       | Score (0/3) 0% |
|--------------------------------------------------------------------------------|--------------------------|--------------------------|----------------|
| Are there any electrical circuits above Extra Low Voltage (50V AC or 120V DC)? | <input type="checkbox"/> | <input type="checkbox"/> |                |



## Compliance Audit

| Question                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Pass                     | Fail                     | N/A                      | Details (if Fail, N/A or Required) |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|------------------------------------|
| Battery System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| <p>Battery boxes, where fitted, must be ventilated, drained and of robust construction; terminals clean and bracket secure; leads properly secured and not showing signs of heat or abrasion; (+) terminal insulated (one battery fitted), or all terminals insulated (battery bank).</p> <p>The location of batteries must be clear of all ignition sources.</p> <p>Surface Mobile Equipment must have Valve Regulated Lead Acid (VRLA) batteries (also called 'sealed' or 'maintenance free' batteries) installed.</p>                                                                                                                                 |                          |                          |                          |                                    |
| Brackets, Pins and Hinge Points                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| <p>Carry out a functional inspection to identify loose brackets, pins and hinge points and locking mechanisms; e.g., dozer belly guards, bonnets, doors and tilt cabins.</p> <p>Check that pin retainers are in place and that the pins are not slipping out. Check that all mounting bolts are secure by visual inspection.</p>                                                                                                                                                                                                                                                                                                                         |                          |                          |                          |                                    |
| Extra Low Voltage (ELV) <50Volts AC or <120 Volts DC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| <p>Exposed copper wiring is prohibited. Single insulation at connection plugs is permitted up to 100mm provided that there is adequate support and protection against damage.</p> <p>Electrical connections must be rated a minimum of IP2X.</p> <p>Check that all exposed terminals are protected from arcing. Check that all operator interfaces are ELV.</p> <p>Check that all connections are terminated so that they cannot loosen or overheat under normal conditions of service.</p> <p>Check that disconnected cables have been removed or properly terminated.</p> <p>If equipment is above ELV an Electrical Inspection must be completed.</p> |                          |                          |                          |                                    |
| Glanding/Bushing of Cables                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| <p>Check, where wiring is threaded through conduits, that partition walls etc. are adequately glanded or bushed so that wiring and cabling does not come in contact with any surfaces that may degrade the sheathing or insulation of any wiring.</p> <p>All wiring should be positioned / secured such that the potential to rub onto vibrating or abrasive surfaces is minimized.</p>                                                                                                                                                                                                                                                                  |                          |                          |                          |                                    |
| Height of Equipment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| <p>Label inside operator's cabin/transportable building to indicate the maximum height of the equipment (both travel height and maximum working height if applicable).</p> <p>Inspector must validate the height of the vehicle/equipment/transportable building to confirm the measurement indicated on the label.</p>                                                                                                                                                                                                                                                                                                                                  |                          |                          |                          |                                    |



| Question                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Pass                     | Fail                     | N/A                      | Details (if Fail, N/A or Required) |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|------------------------------------|
| Inverters                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| Inverters on vehicles and mobile equipment must be fitted with an RCD Protection device with a trip rating of 30Ma. Where a RCD is not fitted, the unit must be tagged out of service. (Photo must be collected).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                          |                          |                                    |
| Reflective Yellow Tape                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| The trailer must have reflective yellow tape on both sides, minimum of 50mm width. Reflective tape must be positioned to indicate the overall length of the trailer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                          |                          |                                    |
| Signage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| <p>All machine controls and service points must be provided with clear signage to indicate function.</p> <p>Check that the equipment is fitted with clearly visible permanent markings, signs, compliance and identification plates on safety devices and systems including, but not limited to: ROPS; FOPS; pressure vessels; fire suppression systems; emergency exits; electrical cubicles/enclosure panels; accumulator reliefs, tow, confined space; crush points; rotating and hot parts; E-stops; pressure reliefs; spring under compression chambers; limits of operation in cab; hearing protection in noisy environments; unique Hi-Vis plant ID.</p> <p>All vehicles and trailers having inflated tyres over 24 inches must have a tyre supplier placard.</p> <p>Where a hazard could exist from misinterpretation of a symbol, the meaning of the symbol must be clarified in writing.</p> |                          |                          |                          |                                    |
| Structural Damage Inspection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| Visual check for cracks, deformation, or excessive rust.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                          |                          |                                    |
| Equipment Modifications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| Compliance plate must be provided for all modified equipment. Registered Professional Engineer Queensland (RPEQ) certificates must be provided for structural modifications.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          |                          |                          |                                    |
| Access and Egress                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| <p>Check that all access steps leading edges are clearly highlighted and non-slip.</p> <p>Check that personnel are able to maintain 3 points of contact on ladders while ascending or descending.</p> <p>Top rails must be not less than 850mm nor more than 1100mm above standing level of a platform or walkway, and the intermediate rails must be parallel to the top rail with a maximum distance of 550mm between.</p> <p>Check that all personnel are able to carry out normal duties without leaving a designated walkway, access platform or the ground, and where this is not practicable and leaves the potential for a person to fall more than 1.8 metres, a harness attachment point and lanyard system must be provided and indicated.</p>                                                                                                                                              |                          |                          |                          |                                    |
| Compliance Plate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| Ensure a permanent compliance plate is attached to the trailer showing the Aggregate Trailer Mass (ATM) to ensure the appropriate towing vehicle can be selected.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                          |                          |                                    |



| Question                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Pass                     | Fail                     | N/A                      | Details (if Fail, N/A or Required) |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|------------------------------------|
| Jockey Wheel                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| <p>Trailer must be fitted with adequately sized jockey wheel/jacking or support stand. It must be free from degradation.</p> <p>Check that the wheel can be latched up when not in use.</p>                                                                                                                                                                                                                                                                         |                          |                          |                          |                                    |
| Lights and Indicators                                                                                                                                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| <p>Ensure brake lights, tail lights and indicators are fitted and are functional. All light lenses are to be clean.</p>                                                                                                                                                                                                                                                                                                                                             |                          |                          |                          |                                    |
| Load Securing Devices                                                                                                                                                                                                                                                                                                                                                                                                                                               | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| <p>Any equipment with open compartments capable of carrying a load must have restraint attachment points.</p>                                                                                                                                                                                                                                                                                                                                                       |                          |                          |                          |                                    |
| Safety Chains                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| <p>Trailers with ball or pintle connection must have two safety chains fitted. (excluding ring feeders and turntables)</p> <p>For ATM up to 3.5t chains may be welded and must comply with AS4177 and be marked 4177 -xx where 'xx' is the chain capacity (i.e. 10 = 1t, 16 = 1.6t, 25 = 2.5t and 35 = 3.5t).</p> <p>Chain capacity must be greater than the ATM. Over 3.5t ATM chains must comply with AS2321 Grade T chain and must not be welded.</p>            |                          |                          |                          |                                    |
| Split Rims                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| <p>Split rims are prohibited from use (excludes solid filled tyres mounted on split rims).</p>                                                                                                                                                                                                                                                                                                                                                                      |                          |                          |                          |                                    |
| Tyres and Wheels                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| <p>Tyre/wheel assemblies must be free of abnormal damage, deterioration or uneven wear and tyres within 6 years of manufactured date.</p> <p>Check that rims and tyre are OEM approved for the equipment.</p> <p>Check that rims and tyres 600 mm (24 inch) or larger have a unique identification system in place. Equipment owners must provide evidence of current service hours and/or last rim inspection report compiling to the requirements of AS 4457.</p> |                          |                          |                          |                                    |
| Wheel Chocks                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| <p>Verify that wheel chocks are present appropriate to the size of the rim/tyre combination, suitably secured or stored, in good condition, fit for purpose.</p>                                                                                                                                                                                                                                                                                                    |                          |                          |                          |                                    |



| Question                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Pass                     | Fail                     | N/A                      | Details (if Fail, N/A or Required) |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|------------------------------------|
| Maintenance and Inspection Records                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| <p>Equipment is to be routinely maintained and records kept to ensure that it remains “fit-for-purpose”.</p> <p>Example copies of documentation must be provided as evidence that the equipment is part of an ongoing maintenance program and references the OEM maintenance recommendations, such as;</p> <ul style="list-style-type: none"> <li>• Pre-start inspection sheet with defects identified;</li> <li>• Completed service sheets with defects repaired; and</li> <li>• Evidence of service history within the previous 12 months.</li> </ul> <p>Not applicable for brand new equipment or equipment that has been purchased without previous maintenance (a full equipment inspection must be completed prior to compliance) records undergoing an Initial inspection.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                          |                          |                                    |
| Operating Manual                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| A copy of the equipment operating manual is available. Available on equipment or in site office.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          |                          |                          |                                    |
| Braking Systems                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| <ul style="list-style-type: none"> <li>• Less than 750kg GTM, no brakes are required;</li> <li>• Greater than 750kg and up to 2000kg GTM, an efficient braking system is required to have brakes operating on the wheels of at least one axle on the towed equipment. Over-run brakes may only be used on trailers that do not exceed 2 tonnes GTM; or</li> <li>• Over 2000kg and up to 4500kg GTM must have brakes operating on all wheels. The brake system must cause immediate application of the trailer brakes in the event of the trailer becoming detached from the towing vehicle. Under these circumstances, the brakes must remain applied for at least 15 minutes. All brakes must be operable and adjustable from the driver’s seat of the towing vehicle.</li> <li>• Road registered trailers over 4500kg GTM must have operational brakes complying with ADR 38/05 Trailer Brake Systems 2018.</li> <li>• All other trailers must be fitted with braking systems that includes Service, Park and break-away brakes.</li> </ul> <p>Breakaway Brakes power supply must not be isolatable.</p> <p>Brake testing of wheeled equipment must be completed to the requirement of the COAL STD Braking Systems Performance.</p> <p>A copy of the ‘Brake Test Record Form’ as well as the test results (either inertia test and/or transducer test dockets) must be included.</p> |                          |                          |                          |                                    |
| Prestart Booklet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |                                    |
| Trailer must be in a roadworthy condition. Even if not road registered. Must have pre-start inspection booklet available.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                          |                          |                          |                                    |



## Completion

| Score (0/1) 0%                                                                                                                         |                          |                          |         |
|----------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|---------|
| Question                                                                                                                               | Yes                      | No                       | Details |
| Have any of the listed requirements been marked as a "fail"?                                                                           | <input type="checkbox"/> | <input type="checkbox"/> |         |
| General recommendations/comments                                                                                                       |                          |                          |         |
| Paragraph of equipment                                                                                                                 |                          |                          |         |
| <p>Please provide photos of all 4 sides of the equipment, in addition to the photos taken for individual compliance item evidence.</p> |                          |                          |         |
| Name:                                                                                                                                  | Signature:               |                          | Date:   |