



**CUSTOMERS ARE NOT TO ACCESS THE BED OF THE VEHICLE. EMPLOYEES DO NOT ACCESS THE BED OF THE VEHICLE UNLESS ABSOLUTELY NECESSARY AND ONLY WHEN USING AGREED METHOD OF WORKING AT HEIGHT EQUIPMENT.**

### Personal Protective Equipment (PPE) Required



### Main Hazards



## SAFE USE OF LORRY MOUNTED CRANES (HIAB)

### Operating Rules

- Before using the crane, always consider the surrounding hazards and any overhead obstructions - never operate any part of the HIAB within 6metres (20 feet) of overhead power lines.
- Ensure that the vehicle is on firm ground, away from trenches and excavations, and never operate on severe slopes or inclines.
- If unsure of ground conditions, adequate spreader pads under the feet should be used to prevent them sinking into soft ground and to protect the surface.
- Make sure load landing areas are level and free of obstruction.
- Never use the HIAB unless the stabiliser beams and legs are correctly deployed.
- Stabiliser feet should be positioned touching the ground but not taking the full weight of the vehicle.
- Check positioning prior to handling each load as these may need to be readjusted as the vehicle is loaded/unloaded.
- Be fully aware of the rated capacity plate on the HIAB and never try to exceed the lifting capacity for the stated lifting radius.
- Ensure all beacons are operating while the HIAB is in use.
- Always operate from a position where you cannot be struck by the HIAB or the load and never allow the load to pass over your head.
- Keep all personnel and pedestrians well clear of the loader when operating the machine.
- Ensure that slings and lifting tackle are of adequate capacity to handle the loads to be lifted.
- Always inspect the slings and lifting tackle before and after use. Do not use if faulty.
- Always position the lifting hook or clamp over the centre of gravity of the load.
- Always make a test lift to ensure the load is correctly slung.
- Never lower loads directly onto the slings, use suitable packing as spacers.
- Operate all controls smoothly and gently, avoiding harsh jerky movements that will shock the load and machine.
- When lifting large loads in windy conditions, always consider the effects this will have on the load.
- Never move the vehicle at any time whilst a load is suspended from the HIAB.
- Do not use the HIAB to drag loads.
- All lifting should be done in accordance with HIAB operator training.
- If you are ever unsure of a lift, contact your line manager prior to commencing the lift.



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### Personal Protective Equipment (PPE) Required

Head Protection	Hi Vis Wear	Safety Footwear	Hand Protection

### Main Hazards

Weather	Manual Handling	Slip, Trip, Falls	Falling Items from Above	HIAB Arm	High Voltage

### Method

<p>1. Before removing the ratchet straps, the driver will use SSoW 27 to explain to the customer how the unloading process works even if the customer is already aware of this document, it is a useful reminder.</p>	<p>2. Ensure whenever possible that the vehicle is level. Ensure the stabilisers are not overloaded or blocked. Watch out for a change in stability as the load is extended. Operate within the capacity of the rating chart. Always keep the suspended load in view. <b>NEVER</b> leave the HIAB crane unattended with a load suspended. Always deactivate the remote controller when not in use. Only trained and competent persons to operate the lorry mounted HIAB.</p>
<p>3. The HIAB can be operated with a remote controller or by the fixed controls on the HIAB.</p> 	<p>4. Bring out the stabilisers fully and attach the foot pads.</p> 



Method

5. Wearing of the remote controller is important, the strap needs to be around the neck and over the shoulder and not just around the neck. When just around the neck if you bend the controller will swing away from the body and if not deactivated there is potential for it to knock against something and activate the HAIB. **ALWAYS DEACTIVATE CONTROLLER WHEN NOT BEING USED.**



6. Loads for offloading with the lorry mounted HIAB shall be pre slung during the loading process in the yard.



7. Review the area around the vehicle to ensure it's clear, look up for obstructions, when all clear manoeuvre the HIAB arm into position and attach the slings.



8. Lift slowly to ensure the load is balanced, if not lower down and adjust the slings. Ensure no persons are within the lift area.



9. When offloading ensure you always have sight of your load. Always unload to the nearest hard standing/ground only. Never lift products onto the building/scaffold etc.

