



SOP – INSSOP039 - Moving of HV2 Barriers (Forklift)

Rev 1 (22/11/2023) – Owner: Chief Operating Officer



ROAD SAFETY RENTAL

1. Objective and Scope

To describe the process of safely moving, storing and handling of HV2 Barriers, utilising a forklift.

2. Responsibilities

The site manager and appropriately competent staff has overall responsibility of ensuring that all elements of this procedure are carried out.

3. General Specifications

General barrier specification are as follows:

- Galvanised Steel Construction
- Length – 5845.5mm (230in)
- Width – 450mm (18in)
- Height – 900mm (35in)
- Weight – 2150kg (4740lb)

4. Personal Protective Equipment

The following is mandatory PPE.



Safety Boots (steel capped) with rubber soles.



Eye and hearing protection is compulsory



Hard hat must be worn



Hi-Viz must be worn when installing product



Gloves must be worn when installing product



Hi-Viz Protective Clothing is to be worn

5. General Safety Points

- PPE must be worn at all times – refer point 4;
- Moving, storing and handling of barriers involve the use of forklifts. This SOP is to be observed in conjunction with SOP EOSOP-006 (Operating Forklifts) and other state-based legislation on safe operating of a forklift;
- All operators driving a forklift must hold a current valid licence
- Lifting Points:
 - The 6-meter HV2 Barrier must only be lifted from the dedicated centre lifting lug on the top of the barrier with a jib / crane operation.
 - Bottom lift using forklift tynes is not to be used
- Under no circumstances is any other product to be placed on the HV2 Barrier when the product is being moved.

6. Moving Barriers

- Barriers should not be more than 300mm above the ground whilst being transported on a forklift.;
- An operator may walk beside the barrier to steady the orientation of the barrier; however, this operator must only use one hand and be at an arm's length distance. It is the responsibility of the Forklift Driver to enforce this provision; and
- When moving HV2 barriers, speed of travel is not to exceed walking pace.



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7. Storing of Barriers within the yard.

- a) Typically, barriers should only be stacked 2 high, however barriers can be stacked 3 high, if safe to do so and on flat level concrete with excellent visibility, no cross fall, and clear view line of each barrier stack to ensure barriers are adequately interlocked when stacking.

If ever in doubt, check with your supervisor prior to stacking barriers.



8. Loading HV2 Barriers

- a) Barriers never exceed a height of one barrier when loaded onto a vehicle and are loaded 5 across the bed of the truck (typical semi-trailer).
- b) Barriers are always loaded one unit at a time;
- c) Under no circumstances, is any person permitted to place themselves between the barrier and the loaded truck; and
- d) Barriers are tied down in accordance with the weight guidelines for load restraint applicable to that state. Three (3) chains or more per stack of five (5) barriers.



SOP REVISION UPDATES

SOP Amendment Level			
Rev #	Date	Comment	
8	22/11/2023	a.	PPE Icons updated – No Revision change
1	10/05/2022	a.	Review by Manager – Supply, Safety and Systems – No Revision change (format only)
1	16/03/2021	b.	New SOP