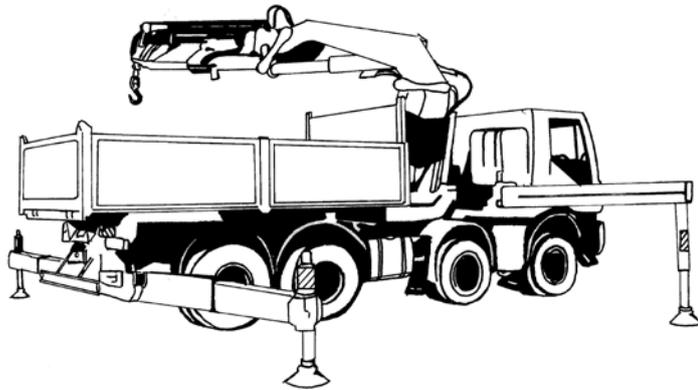


Vehicle Loading Crane – CV



The scope for this licence class covers the operation of all vehicle loading cranes with a capacity of ten metre tonnes or more including the application of load estimation and slinging techniques to move a load.

A vehicle loading crane is a crane mounted on a vehicle for the purpose of loading and unloading the vehicle. You may also operate a vehicle loading crane if you hold a slewing mobile crane operation licence.

Ten metre tonnes

For vehicle loading cranes (CV) that have a capacity of 10.0 metre tonnes or greater, the operator must have a HRW licence.

For operators of vehicle loading cranes where the maximum working load of the crane is less than 10 metre tonnes, the operator does not require a HRW licence. The operator is to be adequately trained to ensure they are competent to operate the crane.

The measurement of metre tonnes is obtained by multiplying the maximum mass that may be lifted at the particular slewing radius. This information is to be taken from the load chart which must be affixed to the crane in view of the operator.

It will only require one lifting capacity of 10.0 metre tonnes and over for the operator to be required to hold a HRW licence.

Example 1

With a jib fully extended at 12.0 metres, a vehicle crane can lift 850kg.
 $12.0 \text{ metres} \times 0.85 \text{ tonnes} = 10.2 \text{ metre tonnes}$

A HRW licence is required to operate the crane, irrespective of any other lifting options on the load chart.

Example 2

With a jib fully retracted, another vehicle crane at 3.0 metres reach can lift 3250 kg.
 $3.0 \text{ metres} \times 3.25 \text{ tonnes} = 9.75 \text{ metre tonnes}$

Check if any other lifting options fall within the licence requirement; if not, a HRW licence is not required to operate the crane, but the operator must be trained to be able to operate competently.

Example 3

With the jib half extended at 4.5 metres, a vehicle crane can lift 2550kg.
 $4.5 \text{ metres} \times 2.55 \text{ tonnes} = 11.475 \text{ metre tonnes}$

A HRW licence is required to operate the crane, irrespective of any other lifting options on the load chart.