



Australian Rail Track Corporation Ltd

SAFETY ALERT

ARTC NSW No. 60



Issued 05/07/12

USING HI-AB CRANES

Recently, there have been several incidents involving the use of Hi-ab cranes. In order to avoid the confusion as to what can and can not be done using the Hi-ab crane; the following to be adopted and applied:

1) If the Hi-ab crane is under the 10 tonne/1* metre guidelines and the following in place:-

- There are fixed lift points
- The weight of the object is known
- The weight of the item being lifted is within the limits of the hi-ab crane
- There is a clear line of sight during the lifting operation

Then there is no formal ticket/certificate required for the Hi-ab Operator – however the Operator must be deemed to be competent. As a minimum, the Operators of Hi-ab Cranes will need to have attended an Awareness training session in the general use of Hi-ab cranes

If any of the above dot points are unavailable or unknown, as a minimum, there must be a “Dogman” available to plan/supervise the lifting process.

2) If the Hi-ab crane has the capability of lifting over 10 tonnes, the Operator, as a minimum, must have a CV ticket, regardless of the weight being lifted.

**Note: - the 10 tonne/1 metre rules means that the Hi-ab crane has the ability to lift 10 tonne at 1 metre – consequently, the further the boom/gib extends, the less weight can be lifted*

ACTION TO BE TAKEN

- Discuss with employees under your control the contents of this Safety Alert
- Contact the ARTC WHS Advisor (Interstate) Denis Snowden for further information (if required).
- Ensure a “sign-off” (for example, a Team Safety Meeting record) is obtained to verify that employees have been briefed on this Safety Alert