



Method Statement – Dual Ram Cropper

****Pre-stressed Pile types should not be scissored through – nibble function only****

The Dual Ram is to be used for the purpose of breaking away sections of concrete, which surround reinforcement bars within a square Precast Pile. The Dual Ram Cropper is powered by the bucket crowd circuit or dual flow hammer circuit of an excavator. The Dual Ram Cropper is hung from the dipper arm of the excavator using the supplied 2 wire rope with captive M30 lifting swivel at 45 degrees. **It is your responsibility to provide a certified and appropriately rated D-Shackle.**



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Before use always ensure that operatives have familiarised themselves with the cropper and its operation, and have read this method statement. Where possible a demonstration of the cropper is recommended. Operatives should be aware of their hands when manoeuvring the cropper, as the controls for the excavator are not in their control. All operatives should wear the appropriate P.P.E for the task.

Using the Cropper - the Dual Ram Cropper has 2 functions. **First** step is to lower the cropper over the pile, if using a banksman to locate he must now remove himself from the pile cropping exclusion zone. Driver may now cut completely through the pile including reinforcement at required level. Excess pile is now safely inside cropper ready for safe removal to delegated area or dumper. **Second** step is to nibble at 4-6 inch intervals to expose reinforcement for tie in. After 4-5 nibble cuts it will then be possible to strip the broken concrete from the reinforcement. Should anyone be required to work underneath the cropper, ensure the excavator is turned off with the drivers' hands in clear view. Always release pressure from the hydraulics using release valve or by waggling excavator controls when removing/installing cropper.

Daily Maintenance

- All bolts, blades, hydraulic pipes and fittings should be checked for any movement and tightened accordingly at least twice daily.
- All grease nipples to be greased.
- During operation check for any oil leaks and report to NPC immediately.

