



Method Statement – CFA Cropper



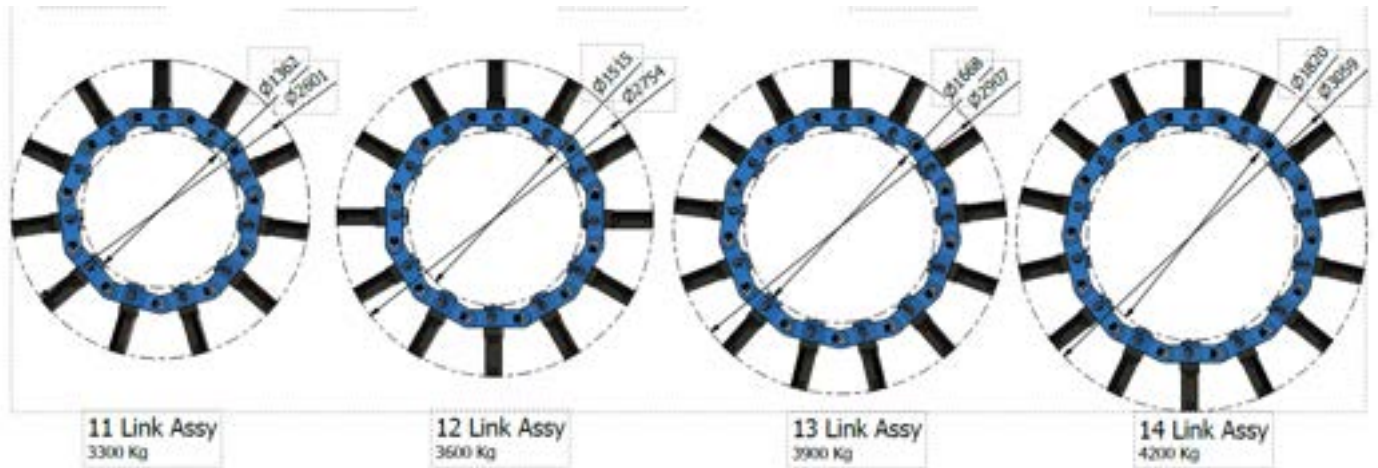
The CFA Cropper is to be used for the purpose of breaking away sections of concrete, which surround reinforcement bars within a round Augured Pile. The CFA Cropper is powered by the bucket crowd circuit or dual flow hammer circuit of an excavator. The CFA Cropper is hung from the dipper arm of the excavator using the supplied 4 wire rope with captive M30 lifting points or supplied Lifting Frame. **It is your responsibility to provide a certified and appropriately rated D- Shackle.**

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 – 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 the pile, for best results remove sections of approx 200mm at a time. **You may wish to use a saw cut at your final level to prevent fracture below this point. Leave 250mm of unbroken pile for final cut to ensure a clean horizontal finish.** 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 wagging 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.



Heavy Duty (HD) CFA Cropper

The HD CFA Cropper is to be used for the purpose of breaking away sections of concrete, which surround reinforcement bars within a round Augured Pile. The CFA Cropper is powered by the dual flow hammer circuit of an excavator. The CFA Cropper is hung from the dipper arm of the excavator using the supplied lifting frame complete with certification.

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 operators should wear the appropriate P.P.E for the task.

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 the operation check for any oil leaks and report to **NPC** immediately.
- **Report any damage to the cropper to NPC immediately.**

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Connecting the Cropper

- Ensure the cropper is correctly connected to the excavator hydraulics.
- Attach the cropper to the excavator lifting point using the customer shackle and lift frame provided.
- The lift frame D-Link connection to the customer d-shackle must be in the correct position and able to move without restriction i.e., not interfere with the bucket or quick hitch.
- Visually check all lifting connections are moving freely.

Using the Cropper

- **First Crop** - Ensure any helical strengthening is exposed and removed.
- **Bent reinforcement** bars must be removed or straightened before attempting to crop the pile.
- Lower the cropper over the pile, if using a banksman to locate he must now remove himself from the pile cropping exclusion zone.
- Working from the top of the pile – the driver may now cut the pile, for best results remove sections of max 300mm at a time.
- You may wish to use a saw cut at your final level to prevent fractures below this point.
- Leave 300mm of unbroken pile for final cut to ensure a clean horizontal finish.
- 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.

DO NOT

- Use the excavator to snatch or excessively pull on the chains or attempt to pull the broken concrete section over bent reinforcement bars.
- Always crop from the top of the pile working to the final level, never from the bottom up.

