

# Hirers Responsibilities








**Aldridge Piling Equipment provides non-operated piling equipment, and we would like to thank you for hiring from us.**

Non-operated plant, is the most economical way of gaining access to construction equipment, but it does have additional implications. In its simplest definition, the hirer (you) have more responsibilities.

The hire rate you are being charged covers you for the use of the equipment, and in the event of a breakdown, occurring as a result of wear and tear (not abuse or neglect), for APE personnel to attend to this. The rate does not cover basic checks and maintenance as this is your responsibility as outlined below, and specifically within the operating instructions.

## You are responsible for:

-  The operation of the equipment - you therefore must provide a trained and competent person with experience in the correct and safe use of the equipment. Read the Operating Instructions!
-  Ensuring that the equipment is not abused and used safely, in accordance with the operating instructions.
-  Daily, weekly and random checks on the equipment as detailed in the operating instructions and outlined here. Thereby, monitoring the condition of the equipment, to ensure that it is, and remains in, a condition fit and safe to use.
-  Ensuring all nuts, bolts, hoses and connections are tight. The vibrations produced by the pile driver, will always serve to loosen couplings. You must therefore ensure that the operator is equipt to tighten nuts, capscrews etc. In the event that you are not, and APE is called to site to undertake this routine basic maintenance, then you will be charged for this additional service.
-  Keeping all accessory items in good condition.

If you are not geared or equipt to undertake the above service requirement, then you can arrange for APE to attend site, to do this for you. Our charges are £30/hr plus transport costs, 8am - 5pm Monday to Friday. Outside these hours additional charges are applicable.

In the event that the hammer is damaged through neglect of servicing, i.e bolts work loose causing subsequent damage, or is abused you will be charged for this. APE reserves the right to terminate a hire in the event of high levels of abuse or neglect.

Foundation equipment and especially pile driving hammers are designed to transfer extremely high energy ratings from the pile driver to a pile and the soil beneath. The forces generated, either through impact or through vibration are so high that without proper maintenance and skilful operation the equipment has to be considered as:

# Self Destructive

APE does not lend hand tools, such as spanners or Allen Keys.  
If required APE can source these for you at a reasonable charge. Please do not ask APE personnel to borrow such tools, as we do not wish to offend you, when they do not.

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**All BSP No.300, Copco 400 and MKT500 are held together by tie rods. Fracture of damage to these tie rods will lead to the hammer segments falling apart.**

**Damage to the tie-rods typically occurs when users run the hammer off the pile. The tie-rods serve as anvil stops and take the brunt of the impact**





## Air Hammers - No.1,2, 300, 400, 500, 500N, 600N & 700N

Maintenance should be performed whilst the work equipment is not functioning. Never place fingers or hands between the hammer body and the anvil block, or between the pile and hammer.

-  Check all bolts and connections visually and tighten where necessary.
-  Check the lifting point at the top of the hammer, in the event of damage please contact APE
-  Check that the hammer is well oiled and has received good lubrication, ensure that the oil bottle supplied has been fitted to the correct location (N series oilers mount on the compressor, not the hammer.)
-  Check for any obvious deterioration particularly the anvil block which receives the most wear.

## Excavator Mounted Vibrators - EMV70 & 300 ICE 230B & 328B





Maintenance should be performed whilst the work equipment is not functioning. Never place fingers or hands inside the clamp, or between the pile and hammer.

-  Check all bolts and connections visually and tighten where necessary. The clamp bolts will shear quickly if allowed to loosen.
-  Check the weld of the U Bracket for cracks or bending. Keep an eye on the rotator head, to which the U bracket connects. Ensure that this has not worked loose, else the hammer will separate and drop.
-  Check the hydraulic hoses for wear and tighten unions frequently. When disconnected keep hoses and fittings clean from dirt.
-  Check for any obvious deterioration particularly the pitching chain accessory and the gripping plates.



## Pneumatic Impact Extractors- Tractomat and Zeniths

Maintenance should be performed whilst the work equipment is not functioning. Never place fingers or hands inside the clamp, or between the pile and hammer.

-  Check all bolts and connections visually and tighten where necessary. Pay particular attention to any springs provided, ensure that when in use the springs are not overly stretched or compressed.
-  Check the grip bolts and the state of the grips, never allow site to hit the grips with metal hammer, if required use a rubber or wood mallet.
-  Check that the extractor is getting sufficient oil lubrication and ensure that the oiler is mounted correctly
-  Check for any obvious deterioration particularly the gripping plates and retaining bolts.

