untruction.terence Points • www.hse.gov.uk/electricity/information/construction.htm

Betore Starting Work

WORK AREA Before Starting Work

- danger of explosion. It will ignite tumes from no not use the mini digger where there is a
- tor inside a building or closed space trom breathing toxic tumes do not use the mini To reduce the risk of serious or fatal injury **'**Z berroi or gas cylinders.
- uless the machine is insured and complies Never operate on any public road or highway 31 Uniess the area is well ventilated.
- Check there are no underground power must have an appropriate driving licence. with road traffic regulations. In addition, you
- the area where the dig is to take place. cables, gas or water pipes or other services in
- noles and trenches or objects that may Check the work area for soft ground, slopes,
- or anything else that may cause a hazard. Ensure there are no tree branches, scattolding азтаде тре гаска
- Keep well away from any overhead power lines unless they are at least 5m (16ft) above .,
- torget that high-voltage electricity can jump the highest part of the raised skip. Do not
- It the work area is complex or noisy, always across large gaps.

vork with a banksman.

- be worn whenever using the small dumper. Particular jobs or environment may require a adupment (PPE) are the minimum that should items of personal protection priwollot adT -1 **SHOTAHAHO**
- The equipment is likely to cause noise levels up .s
- plugs giving hearing protection for this level as to 85 dB(A) - wear appropriate ear mutta or
- A safety helmet must be worn when using the ามกามแบบห
- Safety Boots must be worn when working with ÷t machine on a construction site.
- The mini excavator.

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- **3YT TEB Iludilos** The Crescent Birmingham Business Park มกอา รมมอติอม กระว HILE ASSOCIATION EUROPE

1903 Mini excavator

Mini Excavator

The rules and procedures in force where people are at work may require the person responsible for this equipment to carry out a specific risk assessment.

The action of the mini excavator can cause injury or damage if the equipment is not used

Do not drive this excavator unless you have previous experience or have had a course of

instruction from a responsible body. Drivers of this vehicle should have at least a current

A Certificate of Training Achievement (CTA) for Construction Plant Operators is required on

most construction sites. Training to achieve a CTA is available from CITB appointed bodies.

Do not attempt to load or unload the machine from a truck or trailer unless fully experienced

The following items of personal protective equipment is the minimum required: Ear Muffs or

plugs giving protection at the ear of levels up to 85dB(A); safety helmet; safety boots; high

The excavator must not be used by minors or by anyone under the influence of drugs or

The excavator is designed for operation by an able bodied adult. Anyone with either a

Every effort has been made by HAE/EHA to ensure that the information given in this document and supporting materia

temporary or permanent disability must seek expert advice before using the machine.

It is important to read all of this leaflet

BEFORE vou use the Mini Excavator

carried out safely.

in a careful and controlled way.

site safety awareness certificate.

visibility vest or similar reflective garment.

explosion

in doing so.

alcohol.

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Plan work and think ahead to ensure work will always be

Diesel fuel is highly flammable. Take care not cause a fire or

The mini excavator is designed for digging trenches and larger excavations. It is also used for loading earth-moving vehicles

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MINI EXCAVATOR

protective equipment.

using the mini excavator.

aven



44 (0) 121 333 4109 44 (0) 121 380 4600





- If you have not driven this type of excavator before, carefully look at all of the controls before starting the engine. Don't forget the
- control levers may not be in exactly the same

inever carry passengers on any part of the

Do not use the bucket as a temporary work

the flashing amber beacon on the excavator

When working on or near a public highway, inside industrial premises or construction sites

must be released to commence work and re-

Most excavators have control locks which disable the hydraulic controls. The control lock

it has not been damaged of altered in any way

Check the excavator each time it is used. It will

Check the machine, engine, tracks, bucket and all equipment. Do not use anything found to be

will also need to wear the appropriate personal

Anyone who is working near the small dumper

It fitted the seat belt must always be worn when

inim and thiw prixing when working with the

ctive vest or similar high visibility garment

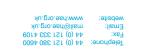
asmaged - contact the hire company.

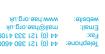
ave been supplied in good condition and ady to use by the hire company – ensure that

ινενεί τοω αηγτητης ωτη της machine.

Do not use the excavator as a crane.

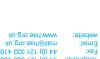
endage when leaving the machine.













nail· ngham Business Park

out of the way

with the excavator.

require such a tool.

equipment required.

move a safe distance away

additional equipment required.

before leaving the excavator unattended.

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prevent dirt talling into the diesel tank.

Stop the engine and let it cool down.

place away from the work area.

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INSURANCE

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BEFUELLING

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Clean the filler cap and the area around it to

It possible, drive the mini excavator to a safe

It in any doubt regarding the insurance cover,

to property belonging to a third party or it involved in a highway accident, it is unlikely that

Some hire companies will offer insurance cover

However the machine must always be secured against theft or vandalism.

nrieasonable damage such as vandalism. The

Under the terms of hire, you are responsible for the safe custody of the machine. The hire ross or not spanist logs or the machine against logs or The machine the second second second second second second the second second second second second second second the second second second second second second second second the second second second second second second second second terms are second second second second second second second second terms are second second second second second second second terms are second second second second second second second second second terms are second second second second second second second second second terms are second s

Remember when moving with the cab rotated 180° the effect of the travel controls will appear to be reversed

Before starting work let the engine run at part throtthe, drive into a clear area and carefully practice all control movements and machine erritor until familiar with them

position as other machines. Ensure you know

.men niw isimist nun souse

In addition, be aware that if damage is c

best way to achieve this is by insurance

with the hire company or insurer

insurance policies will give any

For more information on

from HAE by Skipton Hire Centre (SHC) Limited, Document expires on 2

Using the Mini Excavator

Stay within the cab until parked up properly. Do not lean out to move obstacles or give assistance.

Watch out for hazardous areas such as soft ground, trenches or overhead obstacles.

If any pipe or cable is damaged, the repair bill may have to be paid by you

Never move the excavator adjacent to any trench where men are working.

Use the dozer blade, not the side of the bucket to fill trenches.

ke time and work steadily, the job will be done better and safer.

Hire Association Europe

2450 Regents Court

olibull B37 7VE

The Crescent

Remember to remove the key.

TOP & TEW MINULES TO COOL DOWN.

STOPPING THE ENGINE

nm me key to me start position.

3. Close the throttle fully and turn the ignition key

the throttle and allow the engine to tick ov

do not switch off engine immediately. Reduce

If the excavator has been under heavy load,

Set the bucket and dozer blade on the

It any tuel is split on the ground, wipe it up or

In warm temperatures or it the engine is warm

iew seconds then repeat the preheater cycle.

If the engine fails to start turn the key off for a

position to engage the starter motor for about

position for 10 seconds, then turn to the start

μοι α cold start τιπη της κεγ το της ριεπελιεί

move the throttle to its middle setting and

Set all hydraulic controls to neutral position

Ensure no one is with the work area of the

Replace all fuel caps properly and leave the

If any diesel is spilt on clothes, change them

Wipe any spilt fuel off the machine. Dispose of

a fuel pump available use a funnel. Do not spill Use clean diesel when retuelling. If there is not

The shift on the ground, wipe it up or

any diesel on yourself or the excavator.

the diesel soaked cloth carefully.

Fasten the seat belt if one is provide

tuel container in a sate, cooi piace.

STARTING THE MACHINE

n me on position.

Always stop on firm level ground away from the work area and other traffic.

All open trenches and excavations must be cordoned off and warning signs erected.

Take care not to drive forward over a trench; always move back and away from the trench.

In freezing conditions, park the excavator on timbers to prevent the tracks becoming frozen.

If the equipment does not work properly, do not attempt to repair it. Contact the hire company.

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Ground.

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cover with soil.

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Please keep this leaflet safely as it may be required for future reference

Be careful on slopes - avoid turning on them if possible.

Be aware of what is happening all around. Do not assume that other persons or obstacles will move

If there is any possibility of a power cable or gas pipe in the area where digging is to occur, do not dig

Use a cable avoidance tool to locate the metal pipes and cables. Contact the hire company if you

If a trench is going to be more than 1 metre deep it should be properly supported with trench props to prevent it collapsing. Contact the hire company who will be able to supply any additional

If an open vehicle, such as a dumper, is being loaded then the driver must not be seated and should

Do not force the excavator to do more than it is capable of. This can cause it to become unstable.

At night in public places, the work area must be lit. The hire company will be able to supply any

Lower the bucket and dozer blade, stop the machine, apply the parking brake and remove the key

HSE

health and safety in construction go to

www.hse.gov.uk/construction/