Plant & Equipment Standard - Tracked Excavator H09-G04

VF-B	VF-C	VF-R	VH	VR	VS	VB	VGE	VL	VI	Shared Services
✓	✓	✓	✓	n/a	✓	✓	✓	✓	✓	n/a

TRACKED EXCAVATOR

- All Plant is to be inspected prior to first use, by completing the appropriate pre-start check sheet and daily / weekly recorded inspections thereafter
- Daily / weekly inspection records for **site based** plant are to be completed and held in the cab
- Operators must complete a full induction prior to starting work and evidence of having signed on to the appropriate RAMS / WPP / TBS for the task provided
- Sites must assess the suitability and selection of excavators for particular tasks and environments. A specific risk assessment must be completed prior to work commencing which can be detailed in the main works risk assessment. This must take account of the ground conditions, inclines on which they are to be used



MANDATORY

Plant

- Pre-use inspection signed off
- 12 month thorough examination
- Protected cab or FOPS cab structure where risk of falling objects
- Seat belts coloured (retractable) must be fitted and operational with green light to indicate when seat belt worn
- Seat belts must be interlocked with ignition switch 6t>
- CCTV to provide 360° visibility
- Evidence of regular inspection plus “next service due” date
- Safe access for refueling and maintenance
- Operators instructions must be available on the machine
- All safety labels (decals) in place
- Isolation switch with key / locking doors with key
- Track direction indicator
- Cab steps and handles painted high visibility yellow ensuring 3 points of contact is achievable

Unless demonstrated that it will not be used for lifting:

- 6 Month thorough examination on lifting accessories
- Certified lifting point required for all lifting duties
- Rated Capacity Indicator must be fitted and active (Prolec or other)
- When using a lifting eye, a swivel hook must be used to ensure load can be maneuvered without risk of swinging back or overloading
- SWL to be clearly marked
- A specific lifting duty sheet, lift plan and risk assessment
- Check valves must be fitted to excavators boom and dipper circuits

If quick hitch fitted:

- Must comply with VW UK Group Safe Use of Quick Hitch Devices
- Have external sounder warning of quick hitch operation
- Must be automatic double locking
- Copy of Manufacturers Operating Instructions
- Pre-use inspection signed off

Operator

- Shall be suitably trained and competent
- CPCS card - A58 - Excavator below 10 ton, A59 - Excavator above 10 ton, Category A Tracked, B Wheeled, C Lifting Operations
- NPORS - Excavator category
- Competency assessment to be completed prior to being put to work - so to be familiar with machine (H09-09 *Permit to Operate Plant*)
- Full site-defined PPE required - close fitting PPE required in all cases to avoid catching on controls
- Operator to be briefed on and to comply with VolkerWessels UK (VW UK) Pre-use, Daily and Weekly Defect Reporting System. Report defects and stop machine where defect is safety critical
- Ensure machine is operated in accordance with manufactures instructions and in accordance with his / her training
- Be briefed on the site Plant and Vehicle Management procedures and check for overhead obstructions and hazards
- Shall stop work if any unauthorized / unsupervised personnel enter their immediate work area
- Machine arm to be placed on the ground and engine must be turned off if approached by others. Keys removed from the ignition before leaving the plant unattended for any reason
- Operator to mount and dismount machine using fixed access arrangements and always facing the machine
- Seat belt must be worn
- Shall report all unsafe conditions
- Do not break ground unless briefed on, received and fully understood a Permit to Break Ground
- All hoses to be inspected regularly
- If used adjacent to live traffic, control measures must be put in place to ensure the machine will be prevented from striking passing traffic. e.g. Slew/Height restrictors, PVM in attendance
- Operator to ensure that buckets are carried or stored safely at all times

MANDATORY (CONTINUED)

Plant (Continued)

If used under overhead cables or obstruction:

- Height and slew restrictors with indication on machine
- HSE GS6 "Avoidance of danger from overhead electric power lines" must be followed and H14-06 *Permit to Work Near Power Lines* completed

Environmental

- Engine must comply with the Stage IIIB European Emissions Standards and the NRMM Emissions Regulations in Central London and Canary Wharf

Operator (Continued)

If quick hitch fitted:

- Be briefed on "Safe Use of Quick Hitches"
- Operator shall be trained in how to use specific quick hitch attachments
- Daily / weekly inspection signed off

If used for lifting:

- Lift plan and / or Permit to lift must be briefed and understood
- Operator shall be trained in how to use specific lifting attachments
- CPCS card category A58A (<10t) / A59A (>10t) to include "C" endorsement for Lifting Operations, Or CSCS affiliated

DESIRABLE

- Proximity Warning System (PWS)
- Impose people exclusion area around plant and operation
- Zero Tail swing ballast / counterweight
- Reversing alarm to be fitted working and audible
- Seat belts must be interlocked with ignition switch
- ROPS cab structure
- Tracker unit, isolation method independent of factory fitted locks, locking caps / covers to fuel and all other tanks
- Have external sounder warning of quick hitch operation

RISKS	CONTROLS
• Danger of crushing in slew zone • Overturning if lifting duties exceeded • Consider risk of accessories - e.g. hammer / Noise • Ground conditions and stability • Clothes snagged on controls prior to release of servo isolator / safety handle • Controls can be caught inadvertently if near to safety lever • Effect of weather on visibility and working / traffic surfaces • Overhead obstructions - cables; bridges • Transportation including loading / unloading • Poor visibility for operator of pedestrians	• Safe and clean access into cab • Safe and clean access for refuelling and maintenance • No entry into exclusion zone unless signaled by operator - **Thumbs Up** • Use of CCTV or other proximity devices should be considered when planning activities • COSHH assessment for fuels, oils and greases • Operator to ensure buckets are carried and secured safely when stored, travelling or being transported • Reversing alarm audible at 10m • Plant and personnel segregation • Public interface (working alongside) - consider slew restrictors • Underground services - display Permit to Dig • All round visibility equipment fully operational • Large machines 45t plus competent operator required to extend / withdraw tracks for transportation • Access and egress from machines 3 points of contact and exit backwards

Note: All persons preparing risk assessments involving plant are encouraged to visit the proposed area of work and to review previous risk assessments undertaken for similar activities and safety alerts.