

VolkerFitzpatrick ✓	VolkerFitzpatrick-Rail ✓	VolkerRail n/a	VolkerStevin ✓	VolkerHighways ✓	VolkerLaser ✓	VolkerServices n/a
------------------------	-----------------------------	-------------------	-------------------	---------------------	------------------	-----------------------

PILING RIG - CFA
<ul style="list-style-type: none"> All Plant, equipment attachments and accessories must be inspected prior to first use, and the appropriate pre-start check sheet completed and daily recorded inspections thereafter Daily inspection records for site-based plant are to be completed and held on site 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 and complete and be issued a permit to operate plant



MANDATORY	
Plant	Operator
<ul style="list-style-type: none"> Pre-use inspection documentation form signed off Completed Operator Daily Checklist CE Certificate Current 12 monthly thorough examination certificate Current 6 monthly LOLER thorough examination certificate for all lifting accessories / attachments carried Evidence of regular inspection plus "next service due" date Locking doors with key Isolation switch with key All safety labels (decals) in place The operator's manual must be present with the machine ROPS / FOPS compliant cab structure including appropriate debris guards Protective mesh must be in place to side of cab on jib side if window is opening type Suitable limit switches and / or audible alarms must be fitted to alert the operator as required. Where this cannot be achieved approvals must be received from the HSEQ Department and Business Unit Director prior to any use Flashing amber beacon Mirrors / CCTV to satisfy 1m high at 1m distance visibility. Safe access into the cab, for refuelling, maintenance and to any place where accessories are stored Fitted with 'hold to run' levers Fitted with an over-hoist cut out device and be operational Load bearing hydraulic cylinders fitted with check valves Fire extinguisher Fitted with handrails on the upper structure and running boards if access to height is required A mechanical auger cleaner must be fitted Auger guarding to be fitted to ensure no possibility of contact with the rotating auger Rig instrumentation to be fitted Rubber concrete pipes fitted at height on the rig shall have whip checks fitted at all joints. Blow out adaptors shall have two air exhaust valves fitted and a pressure gauge to clearly identify the pressure within the pumping lines. An external 'E Stop' must be fitted Operators must be familiar with alarms and or limit switches fitted to the equipment 	<ul style="list-style-type: none"> Operators to be CPCS trained with relevant endorsement for rig type. Hold a current and valid Safety Critical Medical Ensure machine is operated in accordance with manufacturer's instructions and in accordance with his / her training and risk assessment Shall report all unsafe conditions Full site-defined PPE required - close fitting PPE required in all cases to avoid catching on controls Do not break ground unless briefed on, have received, and fully understood a Permit to Break Ground Operator to be comply with VolkerWessels UK Pre-use, weekly and daily checks system. Report defects and stop machine where defect is safety critical 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 Engine must be turned off and keys removed from the ignition before leaving the machine unattended for any reason Operator to mount and dismount machine using fixed access arrangements and always facing the machine Shall not slew or track the rig unless under direction from a designated rig attendant

Issue no.:	1	Date:	Nov 2022	Parent document:	H09 Working with Plant
Approved for IMS:	IMS Manager	Document owner:	CR Director	Workspace file:	n/a
					Page 1 of 2

VolkerFitzpatrick ✓	VolkerFitzpatrick-Rail ✓	VolkerRail n/a	VolkerStevin ✓	VolkerHighways ✓	VolkerLaser ✓	VolkerServices n/a
------------------------	-----------------------------	-------------------	-------------------	---------------------	------------------	-----------------------

DESIRABLE
<ul style="list-style-type: none"> • Aircraft warning lights (if working within the vicinity of aerodromes) • Locking caps / covers to fuel and all other tanks • GPS tracker unit installed • Proximity detection sensors. Rear facing mounted camera on counterweight • Anenometer • Hydraulic rams on engine compartment • Motion alarms for tracking • Auger gate canopy • Suitable limit switches and/or audible alarms must be fitted to alert the operator when approaching operating duties. Where this cannot be achieved approvals must be received from the HSEQ Department and Business Unit Director prior to any use.

RISKS	CONTROLS
<ul style="list-style-type: none"> • Being struck / crushed by plant and vehicles • Being struck falling items / materials / flying arisings • Operatives falling into loosening ground openings that have not been suitably backfilled/fenced off • Undermining of foundations • Spray of hydraulic oil due to hose burst • Concrete / air hose failure • Unauthorized operation • Overturning / instability of Rig • Overhead / Underground services • Falls from height • Entrapment 	<ul style="list-style-type: none"> • Exclusion zone to be implemented, no entry into exclusion zone unless authorized • Prior to piling the client to confirm that all ground conditions have been checked and appropriate ground protection provided. • Exclusion zone to be set up around the area of lifting operations • Piling platform certificate and permit to load to be issued to the piling supervisor prior to any plant being loaded and any modifications • The platform to be inspected prior to use and after any adverse weather and modifications. • Any soft spots or movement in the working platform works to stop immediately and reported to the Supervisor. • Daily checks must be undertaken • Any access ramps constructed are within gradients suitable for the rig to use as access / egress • The rig must not track over bore holes that are not suitable backfilled • Controls should be secured so that unauthorized operation is effectively prevented when the machine is not in use • Any operatives must ensure they keep hands, fingers clear of any moving parts • Operatives not to walk at the rear of plant • All openings to be either backfilled or covered immediately • COSHH assessment for fuels, oils and greases • Permit to dig to be issued to the Piling Supervisor • Edge protection or other controls to be implemented for any work at height. • Exclusion zone when clearing concrete blockages. • Correct procedures to be following when clearing concrete blockages.

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.

Issue no.:	1	Date:	Nov 2022	Parent document:	H09 Working with Plant		
Approved for IMS:	IMS Manager		Document owner:	CR Director	Workspace file:	n/a	Page 2 of 2