









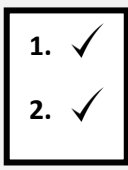


3.06 Roding Operations - Floating Road

<p>Job Description/ Purpose</p> 	<p>Construction of floating road on peat to carry specified site traffic</p>
<p>1.Operator Competence</p> 	<p>NPTC Level Forest Machine Operations (FMO)</p> <p>National Plant Operators Registration Scheme (NPORS)</p> <ul style="list-style-type: none"> - Construction industry competencies for relevant machinery <p>Construction Plant Competence Scheme (CPCS)</p> <ul style="list-style-type: none"> - Construction industry competencies for relevant machinery
<p>2.Relevant Guidance</p>  	<p>FISA 802 Emergency Planning</p> <p>FISA 804 Electricity at Work: Forestry</p> <p>FISA 806 Welfare</p> <p>Operators Manual for various machinery</p> <p>FC Operations Note 25 – Forest Roads and Tracks</p> <p>SNH. FC. Floating Roads on Peat. 2010</p> <p>Quest Guide 1.06 Manual Handling</p> <p>Quest Guide 2.01 Planning Work around Buried Services</p> <p>Quest Guide 2.02 Planning Overhead Powerline Crossing Points</p> <p>Quest Guide 3.04 Provision and Use of Work Equipment Regs (PUWER)</p> <p>Quest Guide 3.07 Machine Fires</p> <p>Quest Guide 6.01 Diffuse Pollution</p> <p>Quest Guide 6.04 River and drain crossings</p> <p>Quest Guide 6.08 Forest Road Works & Water Catchment Management</p> <p>Quest Guide 6.09 Forestry Fuel and Oil Storage</p> <p>Quest Guide 6.10 Oil Spillage Kits & Incident Response</p>
<p>3.Principle Hazards</p> 	<ul style="list-style-type: none"> • Maintenance and servicing – manual handling/moving parts- entrapment/pressurised systems/electrical systems/hot parts/hazardous substances • Working at Height/Operator slips, trips, or falls • Rollover and/or bogging and subsequent recovery • Overhead power lines and buried services • Areas open to public access • Persons/other machines within the exclusion zone • Weather and ground conditions • Machine Fire • Manual handling • Material cutting tools (Geotextile) • Silica dust

Method Statement

4.Engineering Controls 	<ul style="list-style-type: none"> • Field lighting must be fitted if working in poor light • Operator Restraint systems (seat belts) in place and used. • Rollover Protective Structure • Falling Object Protective Structure • Anti-vibration seat
5.CoSHH Assessments 	<p>CoSHH Manual 2.01 Ad-blue CoSHH Manual 2.04 Diesel CoSHH Manual 2.09 Grease Multipurpose CoSHH Manual 2.12 Oil Hydraulic Oil CoSHH Manual 2.35 Silica Dust.</p>
6. PPE 	<ul style="list-style-type: none"> • Appropriate safety footwear with good grip EN ISO 20345:2011 • High visibility Clothing BS EN 471 • Hard Hat (when out of cab) BS EN 397 • Gloves and Eyewear (as recommended for maintenance and repairs) EN1731-face shield, EN 166-glasses, EN 420-gloves • Hearing Protection (where noise levels exceed 80 dB) ES 352-3 • Snag proof outer clothing • Refer to the relevant CoSHH substance assessment for associated PPE <p>Click or tap here to enter text.</p>
7.Task Specific Emergency Procedures 	<p>See Worksite Emergency Response Plan Ensure a spill kit and first aid kit are available on site</p> <p>Quest Guide 1.01 First Aid Click or tap here to enter text.</p>
8.Environmental Management 	<p>Follow Pollution Prevention Plan Arrangements Quest Guide 6.01 Diffuse Pollution Quest Guide 6.10 Oil Spill Kits and Incident Response Click or tap here to enter text.</p>
9.Sequence of Operations 	<p>Site Standards</p> <ol style="list-style-type: none"> 1. When outside of the cab, wear PPE 2. Isolate, park, switch-off and/or lock-out parts/functions prior to inspection, maintenance, or repairs 3. Check all equipment/machines for damage, excessive wear, non-operational parts and carry out machine maintenance daily, in accordance with operator's manual 4. Maintain 3-points of contact when entering and exiting the cab or accessing machine at height to undertake checks, maintenance or fuelling 5. Exclusion zones and other safety decals must be clearly and prominently marked on the machine 6. A sign warning against working in the vicinity of overhead electric power lines must be prominently displayed in all machines, together with the maximum

height in the recommended (non-operational) travelling position, both loaded and unloaded

7. Machine operator to review the site 'hazard and constraints' map and the site and operational risk assessments. Operator to view and/or walk planned road route, passing places and turning areas in advance to identify hazards, constraints and boundaries on the ground.
8. Any operations adjacent to or crossing overhead or underground services, must be clearly mapped and marked on the ground and all restrictions, including maximum height restrictions, working proposals and sequences must be briefed to operators. See relevant Company Guidance.
9. Monitor Excavator, aggregate dumper 20m safety exclusion zone. If anyone breaches this, stand the machine down and challenge the personnel/review risk assessment and/or working method and/or report the incident to the FWM.

Floating Road Construction

10. Mark out line of road as per agreed Client design. Install advance drainage and any specified cross culverts as required.
11. Clear the intended route of major protrusions, rocks, trees down to ground level (retain any residual roots or stumps in place).
12. Retain existing surface vegetation and soils where possible.
13. Fill any local surface hollows or depressions with brash, logs or lightweight fill as available.
14. Unroll geogrid by hand on route line.
15. Overlap edges as per manufactures instruction (minimum overlap 1m). On the principal route and over any passing places. Ensure overlap areas remain in place during the laying of fill.
16. Aggregate delivery to site in line with the details in the site-specific traffic management plan.
17. Tip first layer of 'well graded aggregate' in local stockpiles and carefully spread with open bucket of excavator. Minimum depth to be 150mm, up to 450mm on weak soils. Material grade should be suitable for geogrid aperture size (see manufactures recommendation).



Fig 7.1 Pushed forward from stockpile





Fig 7.2 Dropped on to geogrid

Methods of "cascading" aggregate on to a geogrid to ensure interlock

18. Install a minimum of 50m section in advance of subsequent layer to allow the peat to settle and retain its sheer strength.
19. Compact utilising plant tracks and wheels – vibrating roller should not be used.
20. Lay subsequent aggregate layers (and geogrid layers if specified) as above sequence.
21. Retail low verges to permit surface water drainage.

Method Statement

10.Record Keeping 	Machine maintenance and repair records to be maintained - showing daily, weekly and monthly checks, servicing and maintenance.
11.Waste Disposal 	<ul style="list-style-type: none">• Site to be kept clear of all litter, waste and spent consumables at all times.• Dispose of waste in accordance with Waste Management Regulations
12. Site Specific Details 