

APPLICANT

McINTOSH PLANT HIRE (ABERDEEN) LTD

BIRCHMOSS PLANT & STORAGE DEPOT

ECHT

WESTHILL

ABERDEENSHIRE

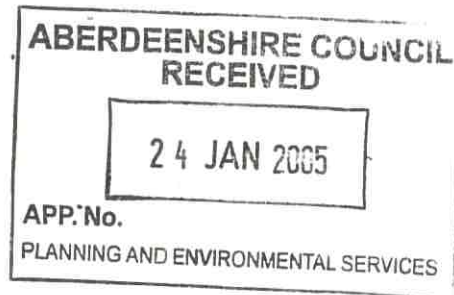
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Deeside Railway Line New Footpath & Culvert Reinforcement

Crathes to Banchory
Area known as Burn Of Bennie, Culvert Watercourse

Scope of Works & Risk Assessments

CLIENT

The Royal Deeside Railway Pres. Society
c/o Mains of Tertowie
Kinellar
Blackburn
Aberdeenshire
AB41 7RN

CONTRACTOR

McIntosh Plant Hire (Aberdeen) Limite
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All works carried out under Terms & Conditions of: S.P.O.A., C.M.P.E., S.B.E.F. & H.T.A.

VAT Registration No. 268 27 26 32

Company Registration No. SC60810

McINTOSH PLANT HIRE (ABERDEEN) LTD

SCOPE OF WORKS

The works are situated 500m West of Birkenband Dwelling House, adjacent to the old railway line solemn.

The works comprise the construction of 3m footpath on the south side of the proposed rail track to be laid over a rebuilt culvert.

All site clearance to be undertaken by McIntosh Plant Hire.

McIntosh Plant Hire's first visit to site is to excavate foundations for the re-construction/strengthening of existing culvert from areas of footpaths and lay fills to the area. All soil to be retained on site. Due to the excavation depth being within the existing culvert there will be no penetration or bank movement through excavations to area's beyond.

All public management to be undertaken by Main Contractor together with all signage, cones and barriers.

There will be no need for McIntosh Plant Hire to work outwith the works boundary therefore no disturbance to the riverbank.

The works will be executed during a good weather window forecast, this will encounter minimum water (low water) the method of control to eliminate silty water entering River Dee will be by forming blockage up stream then convey water by pump or graviton to a straw filter at River's edge and/or by straw filter at collection point.

High water volume (exceeding 150mm dia conveyance pipe) this will involve power pumping along Railway Line to allow natural dispersal to ground, the method will be decided prior to works commencing.

All existing public / private utilities will be piloted as necessary by McIntosh Plant Hire and advise the relevant parties prior to commencement of works as applicable.

McIntosh Plant Hire will require 1 week to complete this section of works, and will follow the works at Sewerage Plant.

The earthworks for the footpath construction will be carried out under similar methods of works on already completed section. Small excavator, dumper / roller. Access will be along the existing line, of which the River is a minimum of 30m distant throughout. Pump 150mm outlet or as required.

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RISK ASSESSMENTS

RACM No. 12	Work near holes of edges
RACM No. 14	Excavations
RACM No. 16	Work near buried services
RACM No. 18	Use of excavators (other than lifting operations)
RACM No. 26	Plant maintenance, repair and servicing
RACM No. 45	Site access to unauthorised persons
RACM No. 47	Materials – delivery and removal from site
RACM No. 48	Use of plant – manual and powered

Risk Assessment Control Measures No. 12

OPERATION : Work Near Holes and Edges

HAZARDS :

- 1) Falls of persons.
- 2) Falls of materials.
- 3) Vehicular traffic.
- 4) Collapse of working area.

Controls :

- 1) All apertures through which persons or material may fall a distance of two metres or more, shall be provided with effective barriers, nets and/or covered.
- 2) All edges from which persons or materials may fall a distance of two metres or more, shall be fitted with effective fall protection measures, including nets, rails, boards or as a last resort operatives wearing safety harnesses.
- 3) All covers provided in pursuance of 1) above shall be made secure, clearly marked and suitably signed or labelled.
- 4) All places from which a person may fall two metres or more, which have not been protected as 1) & 2) above, shall be barricaded and signed to prevent the entry of persons.
- 5) No material shall be built up or stored to a height above the effective barrier height at an aperture or edge. Brick guards, debris nets, or similar shall be fitted where the potential is identified.
- 6) All openings (windows, lift shafts, etc.) in vertical surfaces, through which a person may fall a distance of two metres or more, shall be regarded as apertures and be treated as 1) and 2) above.
- 7) Ropes and other non-rigid barriers, shall not be regarded as suitable provision in respect of 4) above.
- 8) All vehicles working close to any edge/hole shall be marshalled.
- 9) Where appropriate, vehicle stop blocks will be fitted.

Further Information

Further guidance may be obtained from HS(G) 33, 144, 150(rev), 151 and 185, CIS 49(rev1), 52, INDG 284, CITB GE 700 Sections, 5, 6, 7, 24, 30, 31, 38, 40.

See also other relevant Risk Assessment Control Measures (1 – 11) in this series.

Risk Assessment Control Measures No. 14

OPERATION : Excavations

- HAZARDS :
- 1) Underground services.
 - 2) Unstable ground conditions.
 - 3) Persons, material or plant falling into excavation.
 - 4) Use of excavators and plant.
 - 5) Exhaust fumes.
 - 6) Overhead services.
 - 7) Lack of ground support.
 - 8) Lifting operations.

Controls :

- 1) The work site to be fully surveyed prior to the commencement of work. Survey to include the location of underground and overhead services (research and physical search and marking).
- 2) A written "safe system of work", detailing all work procedures, will be prepared by a trained, competent person and kept on site, readily available to all concerned parties for reference purposes. A standard procedure may be adopted or adapted.
- 3) Traffic routes will be detailed in the safe system of work, after consultation with the service providers to establish minimum clearances, diversion of service or temporary switch off. Where appropriate, vehicular and pedestrian traffic will be segregated.
- 4) All mechanical operations will be assessed, planned and controlled by a trained, competent person nominated by the Contractor undertaking the work.
- 5) Trench profile or trench support systems will be detailed in safe system of work and fitted/inspected by a competent trained person in compliance with specific design and Construction (Health, Safety and Welfare) Regs. 1996.
- 6) Stockpile and spoil heap shall be not less than 1.5 metres away from the side of the excavation. Where excavation depth exceeds 1.5 metres, this distance will be equal to the depth of the excavation.
- 7) All excavations two metres or more deep, will have suitable barriers around them to prevent the fall of persons or materials. Where the fall risk is less than two metres but additional hazards exist, (standing water/reinforcing bars projecting upwards), the same fall protection shall apply.
- 8) Adequate, secured, unobstructed means of access/escape routes to/from the trench will be provided and all operatives made aware of their locations.
- 9) Atmosphere sampling requirements to be assessed and appropriate monitoring procedures adopted and implemented by trained and competent persons.
- 10) Where ground may be contaminated by harmful organisms and/or standing water, operatives will receive instruction/information on the symptoms of Weils disease and be provided with medical contact cards. Appropriate and sufficient personal protective equipment will be provided and worn at all times during the work. Soiled clothing to be stored away from clean clothing and high standards of personal hygiene observed.
- 11) All operations to be supervised by fully informed, instructed, trained and competent persons.
- 12) All operatives engaged on the project shall be fit for their allotted tasks and shall be fully informed, instructed, trained and competent for the tasks and recognition of the hazards which they may encounter.
- 13) Vehicle stop blocks and temporary ground supports will be fixed in position where necessary.
- 14) Suitable and sufficient lighting at every workplace, traffic route and approaches to the excavation area will be provided where necessary.
- 15) Petrol and diesel engined equipment shall be sited well clear of the trench top.
- 16) All exposed services will be supported.
- 17) All services, including 'pot ended' cables will be treated as live unless it is known otherwise.
- 18) Unless positively identified, no service shall be cut or broken into, unless it is known to have been made safe.
- 19) Where pneumatic breakers are used, noise and vibration assessments will be implemented and appropriate suppression and/or personal protective equipment control measures taken.
- 20) SEPA will be consulted regarding the disposal of any contaminated water/soils.

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Safety Association of Federated Employers Ltd 2003

Risk Assessment Control Measures No. 14 continued

- 21) On completion, all exposed services will be back filled with fine materials and location clearly marked with warning tape.
- 22) All excess materials shall be cleared from the excavation site after back filling and the surface left in a safe state.

Further Information

Further guidance may be obtained from HSE publications CIS 8, HSG 47, 150(rev), 151, 185, GS 6, ACOP L21, 22, 25, 101, 113, INDG 148, CITB GE 700, Sections, 7, 8, 9, 10, 20, 21, 22, 31 and 39.

Risk Assessment Control Measures No. 16

OPERATION : Work Near Buried Services.

- HAZARDS :**
- 1) Breach of insulation in electric cables - fire, explosion or electrocution.
 - 2) Breach in integrity of gas pipes - escape of gas, asphyxia, fire or explosion.
 - 3) Breach in integrity of water pipes - flood and sudden inrush.
 - 4) Damage to communication systems - interruption of emergency services.
 - 5) Beach of foul water system sewers, ducts or pipes - health hazard.

Controls :

- 1) All work sites will be fully surveyed and researched by a trained, competent person prior to the commencement of any work and all services located, mapped and marked.
- 2) A written safe system of work, detailing work procedures, will be prepared by a trained, competent person nominated by the Principal Contractor or Contractor undertaking the work. All parties affected shall be informed. A standard procedure may adopted or adapted.
- 3) Services previously identified shall be hand excavated for final depth location establishment and at necessary intervals thereafter to confirm no change of profile.
- 4) Powered excavation and power tools will not be employed within 0.5 metres of any live services.
- 5) Damage to services will be reported immediately to the Principal Contractor.
- 6) Damage to electricity services will require immediate evacuation of the damage area and cordoning to prevent inadvertent entry of persons.
- 7) The immediate shut-down of all internal combustion engines and other sources of ignition will be implemented when gas services are damaged and in the immediate area will be cordoned off.
- 8) All operatives engaged in excavation to be informed of the symptoms and effects of leptospirosis or any other contamination suspected.
- 9) Services suppliers will be contacted prior to any work commencing to ascertain any known routes and depths of buried services and arrangements made for shut downs etc where necessary.
- 10) All operatives will be trained, instructed, informed, fit and competent to carry out their tasks.
- 11) A trained, competent persons nominated by the Principal Contractor/Contractor will supervise all operations.
- 12) Adequate, suitable and sufficient personal protective equipment will be provided and operatives and the wearing of it will be enforced at all times.
- 13) Where the trenchless method of laying/renovating pipes/cables is used, the minimum clearance between adjacent services will be either 250mm or one and a half times the diameter of the pipe being laid, whichever is the greater. For electricity cables the clearance shall be not less than 300mm.

Further Information

Further guidance may be obtained from HSE publication HS(G) 47, 141, 144, 150(rev), 151, 185, CIS 8, ACOPs 21, 25 and 101, CITB GE 700, Sections 10, 27, 28, 34 and 35.

See other relevant Risk Assessment Control Measures (11, 12, 14 & 15).

Risk Assessment Control Measures No. 18

OPERATION : **Use of Excavators (Other than lifting operations).**

- HAZARDS :**
- 1) Excavator or ground instability, mechanical failure - overturning or collapse.
 - 2) Underground/overhead services.
 - 3) Falls of materials.
 - 4) Excavator striking persons or structure.
 - 5) Unauthorised use of machine.

Controls :

- 1) The Principal Contractor, or appointed Contractor will co-ordinate all excavator operations.
- 2) A survey to identify possible hazards, including ground contamination, instability, buried services and overhead hazards, will be carried out by a trained, competent person. Service providers will be consulted for information on safe clearance distance and locations of buried services.
- 3) Where necessary, a written safe system of work, including all work procedures, physical barriers, markings and warning signs for services and hazards will be prepared and affected parties advised. A standard procedure may be adopted or adapted.
- 4) All inspections, examinations and documentation relating to the excavator(s) to be used on site, will be produced and examined by the Principal Contractor/Contractors representative before any work is initiated on site, to ensure compliance with PUWER, 1998.
- 5) Only operatives/signallers who have received training, information and instruction and are fit and competent to undertake the work will be employed on such operations.
- 6) The Principal Contractor/Contractor will clearly define and establish traffic routes in the area of the excavation with suitable barriers/bunting where appropriate. Speed limits will be enforced.
- 7) The Principal Contractor/Contractor will take adequate steps to ensure the security of excavators when they are unattended.
- 8) The Principal Contractor/Contractor will establish and enforce no-entry areas for personnel within machine boom and counterbalance swing areas and other danger areas. A clearance of not less than 0.5 metres and preferably 0.6 metres will be maintained between any part of the vehicle and the nearest obstruction.
- 9) Excavators will be fitted with adequate visibility aids to ensure good all round driver visibility.
- 10) On steeply sloping ground, a level work area is to be created and careful control undertaken of the bucket swing downhill. Where necessary, roll over protective structures will be fitted to the machine and seat belt used.
- 11) When parked, all buckets/blades will be lowered to the ground.
- 12) The machine operator will always have a final veto for any activity that he considers, from his personal experience, to be unsafe.
- 13) During use inside or in an enclosed area, adequate ventilation/extraction to remove exhaust fumes will be provided.
- 14) No excavator bucket or load to be slewed over personnel or vehicle cabins.
- 15) No person shall, at any time, be allowed within the machine's working radius without the express permission of the operator.
- 16) During backhoe operations in poor ground conditions, frequent checks of the stabilisers to ensure they are not sinking, will be made.

Further Information

Further guidance may be obtained from HSE publications GS 6, HSG 141, 144, 150(rev), 151 and 185, ACOP L21, 22, CITB GE 700, Sections 10, 20, 22, 28, 35, CIS 8, 47, 50.

Risk Assessment Control Measures No. 26

OPERATION : Plant - Maintenance, Repair and Servicing

- HAZARDS :**
- 1) Uncontrolled plant or component, travel or movement
 - 2) Uncontrolled release of energy - hot or pressurised fluids
 - 3) Entrapment - rotating parts or support collapse.
 - 4) Explosion or fire.
 - 5) Tyre blow out.
 - 6) Sub standard parts or material.
 - 7) Poor personal hygiene.
 - 8) Manual handling.
 - 9) Noise.

Controls :

- 1) Authorised trained, competent persons working under the instruction and supervision of trained, competent supervisors will carry out repair, maintenance and servicing operations.
- 2) Supervisors will ensure that all operatives are informed, instructed, trained, competent and fit for their allotted tasks.
- 3) Supervisors will ensure that all appropriate safety equipment, props, axle stands, ram sleeves, etc. are immediately available at the work site, fully serviceable and used correctly.
- 4) No single man operations will be allowed in plant maintenance or repair, where a two man team is not available, the supervisor will ensure a "watcher" is appointed.
- 5) All operations will be carried out in accordance with manufacturer's procedures and instructions and any Company, site or other relevant planned procedure for inspections or maintenance.
- 6) All specified permit to work systems, lock-off procedures, de-pressurisations and isolations will be carried out and confirmed before work proceeds.
- 7) The supervisor will ensure that appropriate, suitable and sufficient personal protective equipment is provided and worn at the work site and used in accordance with standard procedures.
- 8) Where fall protection is specified, e.g. for access to tower cranes, full harness, with valid certification will be used, where appropriate, after it has been pre use checked. Safety belts will not be recognised as adequate.
- 9) A written "safe system of work", detailing work procedures, will be prepared where necessary and all parties concerned notified. Standard procedures may be adopted or adapted.
- 10) No work will be carried out below plant, vehicles or lorry and dumper boxes supported only on hydraulics or jacks. Full rigid propping, ram sleeves, etc. will be used for any such operation.
- 11) No tyre will be inflated other than in accordance with safety procedures. Cages will be employed where specified or required.
- 12) No heating equipment will be used near inflated tyres.
- 13) No work will be carried out to fuel systems (petrol, gas or diesel) using naked flame or other ignition sources, without a written safe system of work.
- 14) No work will be carried out adjacent to rotating machinery, or in areas where guards or fences have been removed, without a written safe system of work.
- 15) Appropriate fire precautions will be taken where a fire hazard is identified.
- 16) Only approved containers will be used for the storage, transport and transfer of fuels.
- 17) Tyres will be fully deflated before removal, especially when they are paired.
- 18) Only low voltage portable illumination will be used for repair and maintenance operations, 12 volt being the preferred option.
- 19) Maintenance records of hired plant will be checked prior to acceptance and first use of the plant concerned.
- 20) Where materials/tools may fall a distance of 2 metres or more from the workplace, the area below should be fenced off and warning signs displayed. Assessment on fall protection for operatives will be undertaken and appropriate measures taken.
- 21) Only approved parts and materials will be used for replacements/repairs.
- 22) Comprehensive records of all repairs, maintenance, servicing and operator checks will be maintained for all plant.

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Safety Association of Federated Employers Ltd 2003

Risk Assessment Control Measures No. 26 continued

- 23) All visitors to the workshop area will report to the office before being allowed escorted access to the area.
- 24) All operatives will maintain a high standard of personal hygiene at all times, having received information, instruction and training on the hazards associated with oils, grease, solvents, fuels and other substances in the workplace.
- 25) Operatives will, where practicable, use mechanical means to lift/lower loads.
- 26) Operatives will receive training, instruction and information on manual handling techniques.
- 27) All lifting equipment and accessories used in these operations will comply with the requirements of LOLER and PUWER, 1998.

Further Information

Further guidance may be obtained from HSE publications HSG 144, 150(rev), ACOP L21, 22, 23, 24, 25, 108 and 113, MISC 156, INDG 290,291, CITB GE 700, Section 22.

Risk Assessment Control Measures No. 45

OPERATION : Site Access by Unauthorised Persons.

- HAZARDS :**
- 1) Unauthorised access to site.
 - 2) Unsafe conditions due to vandalism.
 - 3) Fire/explosion.
 - 4) Falls from height.
 - 5) Vehicular traffic.
 - 6) Theft of equipment.

Controls :

- 1) It is the Company policy that only authorised persons will be allowed on site.
- 2) Only the Principal Contractor, appointed Contractors and the Client may authorise persons to access the site.
- 3) Where the Client or Contractors authorise access, any person entering the site under this authority will report to the Principal Contractor's representative on arrival. A record will be maintained of all such visitors.
- 4) Only persons wearing adequate, suitable and sufficient personal protective equipment will be allowed to enter the site and escorts will be provided where appropriate.
- 5) Site specific access rules will be contained in the site H+S Plan and should be familiar to all who have access authorisation.
- 6) Where practicable, all sites will be surrounded by Heras fencing, or similar barriers.
- 7) All site boundaries will be delineated and marked, with adequate signage displayed. Where specific risks are prevalent, e.g. deep excavations, additional signs will be displayed.
- 8) All vehicles and plant will be made secure at the end of every shift, or when left unattended.
- 9) All access ladders, etc. will be removed or blanked at cease work, where this is practicable.
- 10) All holes or excavations will be adequately fenced at the end of every shift, or when left unattended.
- 11) All material will be stacked in a safe manner.
- 12) All dangerous substances will be kept lockfast when not in use.
- 13) All spoil heaps, etc. will be kept adequately battered at all times.
- 14) Electricity supplies will be kept lockfast.
- 15) Gas cylinder will be kept in a secure storage area.
- 16) Highly flammable liquids will be kept in a secure storage area.
- 17) Car parking areas will be designated and appropriately sign posted.
- 18) Notices will be displayed at the entrances to the site, with site rules, instructions detailing where to report and traffic routes for vehicles and pedestrians.

Further Information

Further guidance may be obtained from HSE publications, HSG 150(rev), 151, 185, 224, INDG 220, CIS 8, 42, 43, 45, 47, 49(rev)& 51, Company Procedures, the Site H+S Plan and CITB GE 700, Section 36 and 39.

Risk Assessment Control Measures No. 47

OPERATION : **Materials : Delivery to and removal from site.**

- HAZARDS :**
- 1) Vehicular traffic movements.
 - 2) Stacking and lay down materials
 - 3) Handling of materials – mechanical and manual.
 - 4) Unauthorised entry.
 - 5) Overloading.
 - 6) Excavations.

Controls :-

- 1) Planning and control of deliveries - timing, quantities, size and weight will be established and communicated.
- 2) Site entry/exit will be controls by Risk Assessment Control Measures No. 45.
- 3) Segregated vehicular and pedestrian traffic routes will be established and enforced.
- 4) Adequate, suitable and sufficient personal protective equipment will be provided and the wearing of it enforced.
- 5) Well lit, planned and designated unloading, loading and handling areas will be controlled, where necessary by a trained, competent banksman or other wearing high visibility clothing.
- 6) Handling/stacking - weights, dimensions, stacking height and special requirements will be established and information distributed to those handling materials.
- 7) Mechanical handling – See Risk Assessment Control Measures No. 17 & 27.
- 8) Manual handling - See Risk Assessment Control Measures No. 38.
- 9) Minimum pedestrian access to handling areas will be enforced.
- 10) All waste and refuse to be collected at specified collection points or skips.
- 11) Vehicles will not be overloaded when leaving the site.
- 12) Bodies of vehicles will be lowered before moving off.
- 13) Tipping of materials will be controlled by a trained, competent banksman.
- 14) A trained competent banksman will be employed where appropriate, to assist vehicles exiting and entering the site.

Further Information

Further guidance may be obtained from HSE publications, HSG 6, 115, 144, 150(rev), 151, 185, 224, ACOPs 21, 22, 23, 24, 25, 113, CITB GE 700, Section 21, 22, 36, 37 39 and Risk Assessment Control Measures Nos.12, 14, 17, 27, 38 and 45.

Risk Assessment Control Measure No. 48

OPERATION : **Use of Plant - Manual and Powered.**

- HAZARDS :**
- 1) Exhaust fumes
 - 2) Electric powered - Electrocution or fire from defects in insulation continuity.
 - 3) Vibration.
 - 4) Rotating machinery, ejection and projection of parts or materials.
 - 5) Noise.
 - 6) Fuel fire.
 - 7) Manual handling.
 - 8) Use by untrained operatives.

Controls :

- 1) The Principal Contractor, or Contractor appointed by the Principal Contractor, will co-ordinate all plant operations. A suitably trained, competent and experienced co-ordinator will be appointed.
- 2) A survey to identify possible hazards to operatives and others from the use of the plant item will be completed by a trained, competent person and the resulting information distributed to those affected.
- 3) Where necessary, a written safe system of work, including all work procedures, will be prepared by a trained, competent person and affected parties advised. A standard procedure may be adopted or adapted.
- 4) The co-ordinator will check the adequacy and status of all inspections, examinations, maintenance and documentation of plant to be used to ensure compliance with PUWER, and LOLER 1998.
- 5) The co-ordinator will check the information, instruction, training, age, fitness and competence of all appointed plant operators, slingers and signallers/banksmen.
- 6) Where necessary, defined and established vehicle and pedestrian traffic routes and parking areas on the site will be set out, where plant is to be used or located.
- 7) Adequate precautions will be taken to ensure the security of plant when parked overnight or temporarily unattended.
- 8) The co-ordinator will establish and enforce no entry areas for personnel within plant loading, operating or other danger areas.
- 9) The distribution of information relating to plant operations to any person who may be concerned or affected by it, will be undertaken by the co-ordinator.
- 10) A suitably trained, competent person will be nominated to deputise for in the absence of the co-ordinator and undertake the functions in 9) above.
- 11) The plant operator shall always have a final veto for any action where he considers, from his personal experience, that the action may be unsafe.
- 12) No plant with internal combustion engines will be used in a confined space or a place where the fume could accumulate in a confined space.
- 13) The co-ordinator shall ensure that only safe systems are employed for fuelling plant and that all leaks and spills are safely disposed of as soon as practicable.
- 14) The co-ordinator shall ensure that the supply to all electric powered plant complies with the requirements outlined in Risk Assessment Control Measures No 28 and 41.
- 15) The co-ordinator shall ensure that all repairs and maintenance carried out is in compliance with Risk Assessment Control Measures No 26.
- 16) All rotating or moving machinery will be securely fenced and guarded and regular checks will be made to ensure their serviceability.
- 17) The co-ordinator shall ensure that, where access is required, a safe means of access and egress is provided and maintained.
- 18) Operator will carry out daily pre-use and weekly checks of plant and current records of the latter checks and maintenance/tests will be maintained.
- 19) Operators will report all faults and defects and ensure that these are acted upon as soon as is practicable or, if necessary, the plant is to be taken out of service. Current records of such faults/defects and repairs are to be maintained. Only trained, competent persons will carry out repairs, inspections and testing of the plant.
- 20) Roll over protection structures restraint systems and falling objects protection will be fitted where these risk are identified in the operation.

Risk Assessment Control Measures No 48 continued

- 21) Operatives appointed to use the plant will be provided with adequate, suitable and sufficient personal protective equipment, the wearing of which will be enforced.
- 22) Manufacturer's instructions/manuals will be readily available for plant operatives and maintenance workers reference and will be adhered to at all times.
- 23) Plant and accessories used for lifting will have the safe working loads clearly marked and lifting radii readily available for reference. All plant will comply with LOLER, 1998.
- 24) Where plant is started with a starting handle, operatives will undertake suitable and sufficient training for its use.
- 25) Where practicable, anti-vibration equipment will be used.
- 26) Noise suppression measures will be used where reasonably practicable.

Further Information

Further guidance may be obtained from HSE publications, HSG 6, 138, 144, 150(rev), 151,185, ACOPs L 5(rev), 21, 22, 23, 25, 101, 108, 113, CIS No 8, 52, CITB GE 700, Section 8, 16, 21, 22, 27, 29, 35 and 42 and appropriate Manufacturers' manuals.