



AMCO Contract No: MSC0422

WPP Revision: 0

Revision Date: 08/08/18

### Supervisor to fill out POWRA booklet

anroyed by the Contractor's Beenengible

### Kincardine Sea Wall 6 x midweek dayshifts

Prepared by:

Redacted

Date

Engineer (CRE):	
(Print Name)	
(Signature)	Date
(Job Title)	
(CRE Discipline (as stated in the CPP)	

This Work Package Plan does not require acceptance by Network Rail / Client

OR

(Job Title)

(Signature)



Always be sure the required plans and permits are in place, before you start a job or go on or near the line.

### Work Package Plan

MSC	0422
ELR	KNE1
Structure	119/Sea wall
Mileage	4.393 to 5.875

Start Date: December

Finish Date:

**Perth Minor Works** 

This document is the property of Amalgamated Construction Ltd, the Principal Contractor or Contractor on the project.

Controlled copies will have a controlled copy number shown in **RED**. Any variation will be regarded as uncontrolled for information only.

The responsibility for the health, safety and environmental management of the Works rests fully and unreservedly with the Amalgamated Construction Ltd. The acceptance of a Work Package Plan on behalf of Network Rail and involvement in Studies or Audits does not in any way absolve Amalgamated Construction Ltd from that accountability and responsibility, nor is it intended to confirm or suggest that Amalgamated Construction Ltd fully meets the statutory requirements.

1 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Mana	ging Rail Construction Work



NWR Project No: SCOAM18

AMCO Contract No: MSC0422

WPP Revision: 0

Revision Date: 08/08/18

### **DISTRIBUTION LIST**

ISSUED TO:	JOB TITLE	ORGANISATION	VERSION
Document Control Master			

### **VERSION CONTROL**

REVISION NUMBER	SUMMARY OF CHANGES
Draft	For approval
01	
02	

2 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Managing Rail Construction Work	





AMCO Contract No: MSC0422

WPP Revision: 0

Revision Date: 08/08/18

### **CONTENTS**

1	Introd	luction	4
	1.1	Brief outline of work methodology	4
	1.2	AMCO's delivery organisation	8
	1.3	Resources	8
2	Work	ing Together	9
Alexandria (		At site communication	9
		Contact details	Error! Bookmark not defined.
	2.3	Other parties involved with the package of work (interfaces	details) 10
3	Hazaı	d Management	10
		Work involving particular risks	10
	3.2	Significant railway and construction risks	13
	3.3	Lifesaving rules	14
4	Envir	onmental and Waste Management Arrangements	15
	4.1	Environmental management arrangements	15
	4.2	Waste management arrangements	15
5	Emer	gency Arrangements	16
		Site emergency arrangements	16
	5.1.1		16
	5.1.2		16
	5.1.3		16
	5.1.4	4 Security arrangements	17
	5.1.	Summoning emergency services	17
	5.1.6	Railway emergency (trains and electrical)	17
	5.1.7		17
	5.1.8	B Utilities	18
6	Work	Package Arrangements	18
	6.1	Site Layout	18
	6.2	Access and Egress	18
	6.3	Welfare	18
	6.4	Rail Traffic Management	18
	6.5	Road Traffic Management	18
7	Hand	Over and Hand Back Arrangements	Error! Bookmark not defined.
	7.1	Hand over and hand back arrangements	Error! Bookmark not defined.
AP	PEND	ICES – Supporting information	Error! Bookmark not defined.
Ар	pendix	(1 – Risk Assessment	20
5.75.0		c 2 – Drawings	Error! Bookmark not defined.
100	•	c 3 – Site Lavout Plan	45

3 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Managing Rail Construction Wor	



AMCO Contract No: MSC0422

WPP Revision: 0

Revision Date: 08/08/18

### 1 Introduction

### 1.1 Brief outline of work methodology

### **Scope of Works**

Repairs and proactive works to scour & voiding. Remedial works to areas of erosion, undermining and voiding appear to be worsening. Locations at 4m 3937yds-4m 0800yds, 4m 940yds-4m951yds, 4m 960yds-4m 974yds, 4m 1010yds,4m 121yds, 4m 1230yds, 4m 1295yds, 4m 1320yds, 4m 1330yds, 4m 1425yds, 4m 1510yds-4m 1720yds, 5m 300yds-5m 451yds, 5m 675yds-5m 875yds.

- The AMCO site supervisor shall brief site personnel on all aspects of the work.
- Including the contents of this WPP. The controller of site safety shall give all site
  personnel a COSS briefing followed by a question and answer session to ensure a full
  understanding of the briefing
- The white board will then be filled out and left on display along with the site access board.
- APPROPRIATE P.P.E. MUST BE USED AT ALL TIMES, HARD HAT, SAFETY BOOTS, GLOVES, HI VI & GLASSES. ADDITIONAL P.P.E. TO BE USED IF REQUIRED FOR SPECIFIC TASKS. IF IN DOUBT CONTACT DEPOT MANAGER/ENGINEER!
- All persons must be PTS trained or have TVP before accessing on or near the line.
   All personnel to carry the correct competency card for any skilled work, and that he will be asked for it prior to carrying out that piece of work by the supervisor.
- Site operatives/personnel will sign in to attendance register.
- Supervisor to fill out POWRA booklet if hazards on site are different from those indicated in WPP, and contact the on call manager to discuss them before proceeding.
- Emergency Procedures to be discussed, communicated and agreed prior to any works being carried out on site.

The site supervisor is to undertake a hazard review on site prior to works commencing to ensure that the SWP and WPP are reflective of the conditions and hazards at site. This is to include walking routes to/from site and at the place of works. This hazard assessment is to be formally recorded on POWRA. The supervisor will record to his line manager how any further control measures required will be implemented and maintained (again recorded on POWRA).'

All Close calls to be reported!!

Report all incidents (pollution, flood events) and any other potential hazards to your supervisor.

4 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Managi	ing Rail Construction Work





AMCO Contract No: MSC0422

WPP Revision: 0

Revision Date: 08/08/18

SEPA flood warning web site to check. Work to start when there are no flood warnings in place. flood.sepa.org.uk

Report any incident (at the time it happens) and any actions to resolve the issue. Any incident should be followed up with a written report to SEPA in due course. The pollution hotline number is 0800 807060 24/7/365.

Concrete pump to extend boom only after line block has been granted. Boom must retract into rest position if line block has to be returned.

- COSS to take a line blockage with detonator protection set out by competent persons of the single line to gain access to the sea wall.
- Coss to brief work party on the contents of the SSOWP.
- Staff to access sea wall by culvert 19i timber access bridge.
- Rope with life buoy to be available to aid rescue if required.
- A large spill kit and oil boom shall be brought to the face of the works on every shift. Site supervisors to constantly monitor for signs of pollution. Work to stop immediately should signs of pollution occur.
- The following works will be undertaken during a period while the high tide level is sufficiently low that it will not encroach on the area of works, and the weather forecast is for fair weather.
- Staff to lift out loose stones and put them into the deep areas of the scour in the sea wall. Clear all debris from voids before concrete placement takes place.
- Concrete pump to mobilise/set up on site. Amco supervisor to check certification of plant and competency of operator.
- Competent operatives to carry out de-veg operations at set up locations for concrete pump. Cut vegetation must be deposited at least 10m away from any watercourse.
- Place one man at public road to guide public past the concrete pump and concrete wagon safely as they access the site.
- Redacted to unload the 50mm steel plates to grass verge to suit concrete pump stabilisers. It may be required to carry out a light de-veg at the location of the stabilisers See lifting with a HI-AB below.
- Drive concrete pump down farm road and extend boom to reach worksite.
- Banksman to reverse the concrete wagon to the hopper of the concrete pump.
- Place Terram (20m x3m) at bottom of seawall to catch any concrete which may overspill.

5 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Managing F	Rail Construction Work



NWR Project No: SCOAM18

AMCO Contract No: MSC0422

WPP Revision: 0

Revision Date: 08/08/18

Staff to place 2 staging boards over holes on sea wall to aid access.

- Supervisor to issue a hot works permit.
- Cut reinforcement mesh to size of holes to be filled with concrete. Set up an exclusion zone around the hot work operations.
- Staff to tie rope around pump discharge hose to stop it moving when concrete is being placed.
- Concrete pump to place concrete into face of eroded/scoured sea wall locations. Vibrate in place with concrete vibrating poker.
- Staff to level off concrete with shovels, rakes and finish off with timber float.
- Concrete pump and wagon to washout into skip lined with Visqueen to ensure no pollution occurs. Never allow concrete wash out in or near a watercourse; the resulting wash water is highly alkaline and can kill fish and other aquatic animals.
- Remove steel plates from grass verge and load onto back of HI-AB
- Once concrete has hardened in the skip, break up and load into pickup for disposal back at Perth Yard.
- All plant and tools covered in concrete to be washed out in a bucket at least 10m away from the top of the sea wall.
- Post photographs of worksite to be taken before leaving site at the end of each shift.
- On completion of works remove all plant, tools and materials from sea wall.
- Return to van and load all plant, tools and materials to site.
- Plant itinerary check sheet to be cross checked when leaving site to ensure no plant is left behind.
- Banksman to be available to guide concrete pump and concrete wagon out onto main road.
- COSS to remove the line blockage with detonator protection from the single main line.
- Remove traffic cones, men at work signs and one man from the farm road.
- Supervisor to ensure the site is left clear and tidy.

### HIAB lifts to only be carried out by personnel who have current training on HIAB lifting

Setting Up

- 1. Lift plan to be in place before lifting operations commence
- 2. Assess site hazards, in particular, potential slip hazards, overhead power lines, traffic and uneven ground for taking the weight of the stabilisers.
- 3. It is the driver's sole responsibility to decide if it is safe to commence loading/unloading or lifting of materials. In the event of any doubt the operation must not be started without contacting the relevant manager.

6 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:		aging Rail Construction Work





**AMCO Contract No: MSC0422** 

WPP Revision: 0

Revision Date: 08/08/18

4. Erect barriers where appropriate to prevent unauthorised access.

- 5. Cone off areas to prevent traffic movement in and around the lifting area.
- Visually check all lifting equipment required to be used for lifting operations.
   ALL LIFTING EQUIPMENT MUST HAVE CURRENT INSPECTION CERTIFICATES.

### Offloading

- Extend the stabilisers
- 2. Unfold the crane in preparation for the lift.
- 3. Remove any constraints securing the load.
- 4. Attach certified chains/slings to the load then to the crane hook
- 5. Make test lift to ensure that the load lifts evenly and is stable
- 6. Lift load from vehicle bed and place in previously agreed position as directed by banksman in accordance with HIAB training.

### Loading

- 1. Extend the stabilisers
- 2. Unfold the crane in preparation for the lift.
- 3. Remove any constraints securing the load.
- 4. Attach certified chains/slings to the load then to the crane hook
- 5. Make test lift to ensure that the load lifts evenly and is stable
- 6. Lift load onto vehicle bed bearing in mind axel weight limits
- 7. Secure the load
- Once in position remove chains/slings from load and safely stow on vehicle

### Lifting various materials and setting aside e.g. Kelly blocks

- 1. Extend the stabilisers
- 2. Unfold the crane in preparation for the lift.
- 3. Remove any constraints securing the load.
- 4. Attach certified chains/slings to the load then to the crane hook
- 5. Make test lift to ensure that the load lifts evenly and is stable.
- 6. Lift load and set aside under instruction of banksman. Ensure load is stabile if stacking materials.
- 7. Once in position remove chains/slings from load and safely stow on vehicle.

### Completion

- 1. Fold crane away into travelling position
- 2. Retract stabiliser legs and lock into travelling position
- 3. Remove barriers where applicable
- 4. Ensure the site is left in a tidy condition

### 1.1.2 The following tasks support this Work Package Plan:

Reference & Prepared by:	Task Briefing Sheet Title	Activity Start Date
MSC-0422 - TBS001 Redacted	Sea wall repairs	December

7 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Mana	ging Rail Construction Work



AMCO Contract No: MSC0422

WPP Revision: 0

Revision Date: 08/08/18

### 1.2 AMCO's delivery organisation

1.2.1 The following individuals from the AMCO's organisation will be involved during this work package:

### **Contacts**

On call Manager	TBC	PANEL SERVICE
Redacted	Redact	Redacted
Redacted	Redact	Redacted
Redacted	Redacte	Redacted
Redacted	Redacte	Redacted
Redacted	Redacted	Redacted
Redacted	Red	
Redacted	Redacted	Redacted
Redacted	Redacted	Redacted
Redacted	*	Redacted

**Network Rail Project Team** 

Name	Role	Contact details	Tick to confirm number works and has been tested
Redacted	Redacted	Redacted	J
Redact	Redacted	Redacted	J
Redacted	Redacted	Redacted	1

### 1.3 Resources

1.3.1 The following resources will be used for this work package:

The following companies, specialist contractors and/or individuals will be involved

during this work package.

Name of company, specialist contractor or individual, etc.	Work activity / Specialism	Point of cont	act details
		Name	Mobile
MWH	Concrete pump		-
Redacted	Hi-ab	_	-
Cemex	Concrete supplier	•	2

8 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:		aging Rail Construction Work





**AMCO Contract No: MSC0422** 

WPP Revision: 0

Revision Date: 08/08/18

### **People**

Number of People and their competence associated with this WPP		
Competence	No of People	
Coss/Supervisor	1	
SIT	2	
IT	2	
Competent persons	2	
Project Engineer	1	

### **Plant, Equipment and Tools**

Quantity of Plant, Equipment and Tools associated with this WPP		
Plant item	No	
Welfare Van	1	
Spill kit	1	
Plant nappies/drip trays	2	
Staging boards	2	
Vibrating poker	2	
Stihl saw c/w metal cutting blade	1	
Men at work signs	2	
Traffic cones	8	
Skip	1	
50mm steel plates for pump stabilisers	4	

### Materials

Quantity of Materials associated with this WPP	
Material	Quantity
Terram	1 x sheet
C40 concrete	40m3
Oil Boom	2
Reinforcement mesh	6 x sheets

### 2 Working Together

### 2.1 At site communication

- Whiteboard Brief.
- The Site Supervisor will brief the contents of the WPP and permits in the Welfare van before works commence.

9 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Mana	ging Rail Construction Work



NWR Project No: SCOAM18

AMCO Contract No: MSC0422

WPP Revision: 0

Revision Date: 08/08/18

- The COSS will brief the contents of the SSOW pack in the Welfare van before works commence.
- The Use of mobile phones must only be from a position of safety.
- Any Minor Changes to the WPP must be agreed with the On Call Manager using the PoWRA booklet refer to 1.2.1 in the WPP above for contact details.
- Any significant changes will require an amendment to the WPP and signed off by the CRE/CEM refer to 1.2.1 in the WPP above for contact details.
- Out of Hours any incidents or issues must be discussed with the On Call Manager refer to 1.2.1 in the WPP above for contact details.

### 2.2 Other parties involved with the package of work (interfaces details)

2.3.1 The following working arrangements will apply with all parties / organisations that have been identified with this work package:

Interfacing Organisation	Interface Point for:	Point of Contact and contact details	Interface arrangements
Marine Scotland	Marine Licence	i.	15
Crown Estate	Small Works Licence		

### 3 Hazard Management

### 3.1 Work involving particular risks

3.1.1 The work in this package involves the following particular risk(s), as detailed in Regulation 12 (2), (Schedule 3) of the CDM Regulations 2015:

Risk	How will this risk be controlled	When and where will the risk be present?	Permits required
Working on Network Rail managed infrastructure	Coss to take line block and dets. Works to be carried out Green Zone working only. All personnel shall comply with NR standard of full orange hi viz and other task specific PPE.	At all times	No
Members of the public	One man to be watchman and to direct MOPs safely passed works.  Traffic cones and men at work signs to be set out to keep MOPs safe from works. Plan work in sections if required to allow members of the public access past the works.	At all times / allowing public to pass works safely	No

10 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Managi	





AMCO Contract No: MSC0422

WPP Revision: 0

NI	Has Commetent tooling I staff and	At all times =	No
Nipping, trapping and crushing	Use Competent, trained staff and ensure that correct PPE including gloves are worn at all times. Pre-work briefing, toolbox talks. Operatives to complete Point of Work Risk Assessments if any changes to work.	At all times	No
Plant – use of portable tools and equipment	Low voltage equipment (110v). Regular maintenance of tools. Circuit tests and PAT HAVs assessments to be undertaken.	Sea wall repairs	No
Operating small tools	Operatives must be trained and competent. Inspect plant before use and report any faults to site supervisor.	Sea wall repairs	No
Cement based products	Cement can cause ill health mainly by skin contact, inhalation of dust and manual handling. Therefore, appropriate PPE and COSHH awareness is essential	Sea wall repairs	No
De-veg operations	Exclusion zone to be in operation around chainsaw works.  Trained and competent operatives only to use these items of tools. Chainsaw PPE to be worn. Railspec. Hi-viz over trousers. Chainsaw boots or wellies, gloves and helmet to be worn when cutting above waist height. Exclusion zone to be enforced around working area. Fuelling to be carried out on plant nappy, on level ground. IF IN DOUBT ASK!	De-vegetation works	No
Hot works: Cutting, Burning, Welding	Hot works permit to be issued. Fire extinguishers to be located at worksite. Emergency procedures to be briefed to all operatives at start of shift. Ensure works are shielded from passer-by. All flammable material to be removed from work location. Ensure that Equipment/Materials/Cables etc. that can't be moved/diverted have been protected by means of securing suitable fire resistant sheets or fire resistant materials to protect from ignition sources.	Cutting mesh to size	Hot works permit
Use of HIAB	Lifting plan required. ALO plan may be required if close to line. Look out for overhead cables and bridges. Make sure both stabilisers are deployed. Use proper care if work is in a restricted space. Be aware of other persons in the vicinity, they should be told to clear the area. Machines have overturned whilst lifting loads due to incorrect procedures being followed.	Transporting material to and from the worksite	Permit to lift

11 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Manag	ging Rail Construction Work





AMCO Contract No: MSC0422

WPP Revision: 0

Planning to work in a marine environment	WPP to have been approved by both R Reda and R Redact Amco Environmental team to have commented on requirements. Sepa approval as required or Marine Scotland if below high water mark. Environmental survey to have been carried out prior to commencing works. Carry out works as per approved WPP.	Sea wall repairs	No
Working next to the sea.	Do not work alone. Difficult access and egress, possible entrapment, depth and flow will all need to be considered. Fresh concrete and cement are very alkaline and corrosive and can cause serious pollution in watercourses. It is essential to ensure that the use of wet concrete and cement in or close to any watercourse is carefully controlled so as to minimise the risk of any material entering the water. Working in confined / restricted spaces will pose significant risks at incidents involving water so a means of rescue should be considered before works commence.	Sea wall repairs	Permit to enter a watercourse
Works over water	Ensure that working platforms are secure with no tripping hazards. Surfaces which become wet and slippery should be cleaned and treated with sand or industrial salt.	Sea wall repairs	No
Slips, trips and falls	Get the right footwear with good tread and slip resistant soles. Take extra care at night and in poor weather conditions — always use a hat lamp, slow down and look ahead to where you are placing your feet. On track always walk ballast to ballast and avoid walking on troughs and sleepers as these are frequently slippery. Always use hand rails when climbing or descending stairs. Play your part in keeping your work place tidy — clear waste as it is generated, clean up spills and store materials safely. In extreme conditions stop work until actions are taken to make access ways safe. Always fix and report close calls, eg: poor underfoot conditions or access, unsafe stairs or walkways	At all times	No
Manual handling	Correct lifting equipment and techniques. Use mechanical means where possible. Assess the load before lifting. Do not lift more than you are capable. Share the load when practical to do so	At all times	No

12 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Manag	ging Rail Construction Work





**AMCO Contract No: MSC0422** 

WPP Revision: 0

Revision Date: 08/08/18

Access / egress from site	Access to worksite via by timber access bridge next to culvert 19i. Use of designated crossing, access points and walking routes where applicable. Walking routes to be suitable and all trip hazards removed.		No
Leptospirosis	Gloves to be worn at all times, hand washing and welfare facilities to be located on site for duration of the works		No
Noise / Occupational	Hearing protection to be worn when operating grinders, chainsaws, Stihl saws, strimmers, drills etc		No
Excessive hours	No working shift to exceed 14 hours, including travel. Monitor of hours worked in site register.	At finish of shift	No

### 3.2 Significant railway and construction risks

3.2.1 The following are the significant railway and construction safety and health risks that apply during this work package. A copy of the risk assessments associated with this WPP can be found in **Appendix 1** 

What are the main risks (including Health) during this Work Package	How will the risk be controlled
Working on/near Network Rail managed infrastructure	A safe system of work will be established and maintained by ES/COSS, i.e. worksite within a possession of the railway or blockage of the line with isolation where necessary. All operatives will be PTS minimum certified and wear full orange PPE.
Working in the vicinity of a public highway/public	Observe all highway rules (direction of traffic/bus lanes/etc.). Site vehicles to be parked responsibly without causing disruption to flow of traffic or blockage of accesses.  Vehicle conspicuous Colour white/yellow. Beacons visible from 360 degrees. Beacons to be switched on at all times during manoeuvring from site to public roads.
3rd Party Interfaces	Be aware of pedestrians/vehicles that may be using the access point areas and the site. All members of the public are to be treated politely and courteously.
Weil's Disease	Identify locations and eliminate where possible. Carry Information card. Be aware of symptoms. Protect cuts and damaged skin. Wear appropriate PPE. Do not ingest.

13 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Manag	ing Rail Construction Work



AMCO Contract No: MSC0422

WPP Revision: 0

Revision Date: 08/08/18

	Porsonal hygiana Inform CD if reporting Iffer
	Personal hygiene. Inform GP if reporting 'flu symptoms
Sharps	Identify possible locations. Remove into sharps box using appropriate PPE and equipment. Dispose of sharps box at agreed location. Instruction on procedure in event of cutting / puncture. Encourage the wound to bleed, prevent further contamination. Report to hospital, taking offending sharp with patient. Inform NR Sharps control on 01904 525 894.
Slips, trips or falls on same level	Identification and maintenance of dedicated access routes. Removal of tripping hazards. Safe storage of materials. Cleaning up spills. Removal of rubbish and debris to an approved location. Use of non-slip flooring. Repair worn or damaged walking surfaces.
Lack of site Knowledge	All operatives, NR Staff and visitors will receive a full site induction prior to being permitted on to the works areas. This will identify any hazards/risks associated with the works at site.
Vandalism	All sites are adequately signed and demarcated with suitable and sufficient barriers. Areas to be secured at all times outside normal working hours. Remove all valuables and potential hazards when out of use. No dangerous plant or materials to be left accessible when unattended.

### 3.3 Lifesaving rules

### 3.3.1 The following table highlights those Life Saving Rules applicable to this WPP

Always		Never	
	✓ or X		✓ or X
	✓		<b>✓</b>
×	✓		<b>✓</b>
4	<b>✓</b>	*	<b>✓</b>
	✓	*	<b>✓</b>

14 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Mana	ging Rail Construction Work





**AMCO Contract No: MSC0422** 

WPP Revision: 0

Revision Date: 08/08/18









### 4 Environmental and Waste Management Arrangements

### 4.1 Environmental management arrangements

4.1.1 The following environmental issues are applicable to this WPP

Environmental Issues	Project Control Measures	Environmental Consents and Permits
Management of oils and chemicals	<ul> <li>Works to be undertaken during low tide.</li> <li>All tanks shall be bunded in accordance with the oil storage regulations.</li> <li>Storage facilities shall be positioned away from the beach</li> <li>Drip trays shall be used whilst refuelling.</li> <li>Containers shall be fit for purpose, labelled and have proper fitting lids.</li> <li>Containers and tanks shall be made secure against vandalism or theft</li> <li>Refuelling and concrete washout shall take place in a dedicated area away from the beach</li> <li>Spill kits shall be kept on site in high risk areas and shall be appropriate to the risk and amount of oils and chemicals present</li> </ul>	Marine Scotland
Dust, Noise, Odour	Plant to be turned off when not required.	
Works affecting flora or fauna	<ul> <li>Minimise de-veg operations</li> <li>Check vegetation for bird nests before carrying out deveg.</li> <li>Ground to be protected during concreting.</li> </ul>	

### 4.2 Waste management arrangements

4.2.1 All waste arising from worksite to be brought back to depot for appropriate recycling

15 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Manag	ging Rail Construction Work



**AMCO Contract No: MSC0422** 

WPP Revision: 0

Revision Date: 08/08/18

### 5 Emergency Arrangements

### 5.1 Site emergency arrangements

Contact	Name or Location	Tel. Number
Ambulance, Fire	Various	999 (112 from
		Mobile)
BT Police	Control Centre	0800 405 040
Incident Controller	NWR	0141 335 2020
Gas	Nation Grid	0800 111 999
NR Sharps	NR	01904 525 894
Scottish water	Emergency	0845 600 8855
Nearest A & E Hospital	Forth Valley Royal, Larbert. FK5 4WR	01324 566 000
SEPA	Control Centre	0800 80 70 60
		24/7/365
Flood line	National Flooding Helpline	0345 988 1188.
Spill response	Addler & Allan	0800 592 827

### 5.1.1 First aid arrangements

5.1.1.1 The first aid arrangements for this package of work are

	Name	Qualifications
First aiders	TBA	
Likely injuries associated with this work package	Cuts, abrasions, eye injurie	es, broken bones, sprains
A PARTIE OF THE PARTY NAMED IN	Equipment	Location
First aid equipment		Location

A first Aid risk assessment can be found in Appendix 1

### 5.1.2 Evacuation arrangements

Return to site vehicles and await further information.

### 5.1.3 Fire safety arrangements

- Fire extinguishers to be used appropriately.
- Sources of ignition could be from refuelling generators, Stihl saws, chainsaws & hot works operations.

16 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Manag	



Scan/Report Close Calls

**NWR Project No: SCOAM18** 

**AMCO Contract No: MSC0422** 

WPP Revision: 0

Revision Date: 08/08/18

### 5.1.4 Security arrangements

None required

### 5.1.5 Summoning emergency services

Coss/PIC/Supervisor

### 5.1.6 Railway emergency (trains and electrical)

5.1.6.1 See enclosed SSOW pack for details

	Contact Details	
ECO		
Signal box		

Protection Signals Ref

In the event of an emergency affecting the safety of the railway the following actions will be undertaken.

- 1. Do not place yourself or the safety of others in danger
- The lead communicator on site will be one of the following people and in this order – PICOP > Route Setting Agent > Protection Controller > COSS or SWL or IWA.
- 3. In an emergency a train can be stopped by raising both arms in the air or at night by waving a light vigorously
- 4. In an emergency the signaller / ECO shall be contacted immediately via mobile phone or using the nearest signal post telephone.

The lead communicator shall state (using the phonetic alphabet to communicate any difficult words):

- 'This is an emergency call'
- Confirm who you are speaking to the right person ie usually the signaller or Electrical Control Operator (ECO)
- Tell them
  - o who you are (Joe bloggs),
  - o what you do (ie COSS); and
  - your location (for example Shapton East Junction or near to SH20 (sierra, hotel, two, zero) signal
- Describe the problem and what part of the railway is affected ie Down Main xx or Level crossing at yy
- Tell them what action needs to be taken ie any emergency service required
- Ask the person to 'repeat back' the information
- The Signaller or ECO shall end the conversation.

### 5.1.7 Asbestos

5.1.7.1 Not expected to be present.

17 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Mana	ging Rail Construction Work



AMCO Contract No: MSC0422

WPP Revision: 0

Revision Date: 08/08/18

### 5.1.8 Utilities

5.1.8.1 Not required.

### 6 Work Package Arrangements

### 6.1 Site Location

A site location plan can be found in Appendix 3.

### 6.2 Access and Egress

 Access via timber access bridge adjacent to culvert 19i. On site vehicles to be parked in such a way that they do not cause obstruction to other road users or pedestrians. Ensure access to vehicles for plant, tools and materials can be undertaken safely if parked next to a live road.

### 6.3 Welfare

Welfare to be provided by on-site AMCO welfare van.

### 6.4 Rail Traffic Management

See enclosed SSOW pack for details

18 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Mana	





AMCO Contract No: MSC0422

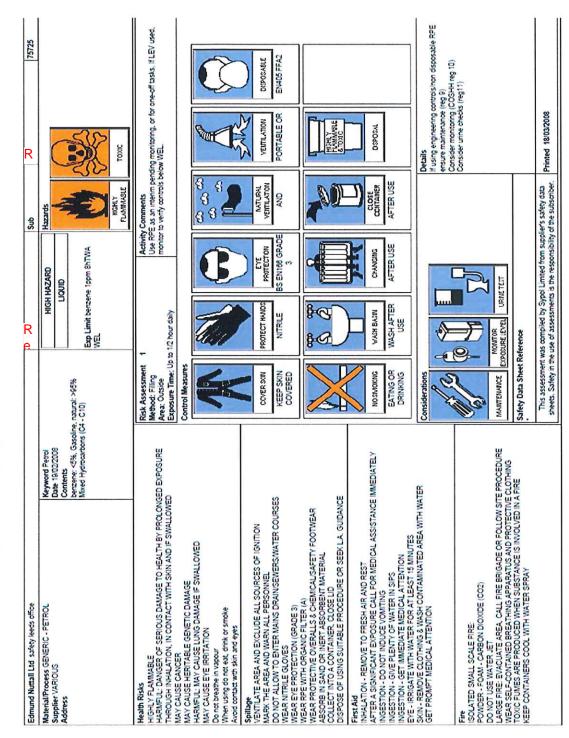
WPP Revision: 0

Revision Date: 08/08/18

### **Coshh Petrol**

Page 1 of 1

afety leeds office COSHH Assessment for GENERIC - PETROL



19 of 47	Proforma uncontrolled when printed	RFM-HS-006-02	
Parent Procedure:			





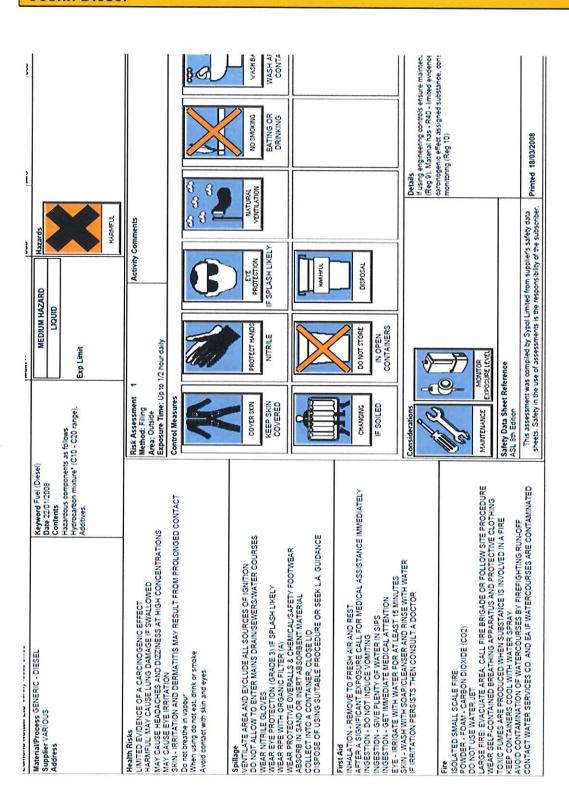
NWR Project No: SCOAM18

AMCO Contract No: MSC0422

WPP Revision: 0

Revision Date: 08/08/18

### **Coshh Diesel**



2	
S	
e,	
હ	
4	
8	
8	
4	
<u>چ</u>	
ŝ	
ન્ક	
જ	
g	
ä	
Ħ	
-	
莒	
ě	
SC	
L	
સ	
8	
8	
ä	
ğ	
Se	
જુ	
8	
iat	
7	
ġ.	
£	
લ્ય	
뜻	
-8	
ပ္ပ	
혀	
္မ	
S	
5	
8	
17	
귱	
120	
8	
2	
PH	
낈	
a	
8	
15.	
8	
0	
뮑	
2	
E	
10	
Ħ	
_	

18/03/2008

20 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Managin	ng Rail Construction Work



**AMCO Contract No: MSC0422** 

WPP Revision: 0

Revision Date: 08/08/18

### **Manual Handling Assessment Form**

Contract	MSC-0422			Assessment N			001
Location	Kincardine Sea Wall				Date:	08/08/18	
	sor to add unforeseen o		o asse	ssmer	nt as require	ed.	
	s covered by this asse						
Carrying s	mall plant, tools and r	naterials to	o worl	csite			
	- Preliminary assessm	The second second					
	e operations involve a	significant	t risk (	of	a.1 NC		
injury?	<b>'es</b> or unsure go to ques	stion 2					
If N	lo go straight to section	С					
	ne operation reasonab	ly be avoid	led or		a.2 No	0	
mechanis	lo Complete section B (	detailed as	sessm	ent) a	nd check re	esult is satisf	actorv
	es go straight to section			,			,
Section C	- Overall assessment						
What is th	e overall assessment	of risk of i	njury		Low		
If N	<b>lot Insignificant</b> go to s	section D, It	f Insig	nifica	nt no furthe	er action requ	uired.
Section D	- Remedial action req	uired					
	cess and worksite has a	ll trip hazar	ds rer	nove b	efore manı	ual handling	
operations	_begin II lumps and bumps or fi	ind another	route	which	hypasses	especially ro	uah
ground	i lamps and bumps of h	ina anothor	Touto	WITHOIT	Бурассос	sopoolally to	agii
	to carry too many items	at once. If	load e	specia	lly heavy b	reak down ir	nto
	lividual loads s/straight back when lo	wering load	to are	und			
Della kiled	5/5traight back when to	wering load	to gre	, di id			
	-						
SECTION	B - Detailed assessme	ent					
	nts to consider		el of	Risk	k Possible remedial a		ction
		Lo	Me	Hig			
		w	d	h			

21 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Mana	ging Rail Construction Work



**AMCO Contract No: MSC0422** 

WPP Revision: 0

Γ					T	
T	he Tasks - do they involve:					
•	Holding loads away from trunk?	no	х			Use wheelbarrow or other lifting/carrying aids
•	Twisting?	no	Х			
•	Stooping?	no	х			Bend knees when placing load
•	Reaching upwards?	no	Х			Share load
•	Large vertical movement?	no	Х			Share load
•	Strenuous pushing or pulling?	no	х			Share load
•	Unpredictable movement or loads?	no	х			Ensure load is stable before lifting
•	Repetitive handling?	no	Х			Share the work
0	Insufficient rest or recovery?	no	Х			Rest breaks
•	An imposed work rate?	no	Х			Work to individuals strengths
TI	ne Loads - are they:					
0	Heavy?	no		Х	:049	Share or use mechanical aids
•	Bulky/unwieldy?	no		Х		Can load be broken down
•	Difficult to grasp?	no		Х		Share or use wheelbarrow
•	Unstable/unpredictable?	no	Х			Can load be broken down into smaller parts
•	Intrinsically harmful (e.g. sharp/hot)?	no	Х			Correct PPE eg appropriate gloves. Do not carry hot loads
	ne Working environment - e there:					
•	Constraints on posture?	no	Х			Share load
•	Constraints on movement?	no	Х			Share load use wheelbarrow
•	Poor floors?	yes		Х		Ensure any trip hazards are evened out/removed from route
•	Variations in levels?	yes			х	Personal awareness of surroundings. Even out lumps and bumps
•	Hot/cold/humid conditions?	no			х	Operatives to be dressed appropriately for the weather conditions
	Strong air movements?	no		Х		Do not carry large sheet items if windy
•	Poor lighting conditions?	no				Appropriate task lighting and well lit routes to site

22 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Manag	





AMCO Contract No: MSC0422

WPP Revision: 0

Revision Date: 08/08/18

Individual capability - does the job:			
Require unusual capability?	no	Х	Re assess whether load can be split
<ul> <li>Hazard those with a health problem?</li> </ul>	yes	Х	Ensure any illnesses are identified at start of shift
Call for special information/training?	no	х	Identify risks involved, can task be done a different way. If not what info/training is required
Other factors			
Is movement or posture hindered by clothing or PPE?	yes	х	Ensure loose/bulky items of clothing are removed/tucked in.

Assessment carrie	ed out by: Redacted	
Signed: Redacted		

### **Correct Lifting Techniques**

### Plan lift

- Ensure that you are wearing suitable footwear and appropriate clothing for lifting.
- Consider the destination.
- Examine Load Is help required with the load?
- 4. Can it be reduced in size?
- 5. Make sure area is free from clutter.

### Place the Feet

- Approximately shoulder width apart.
- Face the direction intended.
- Leading leg forward.
- Heaviest part of load towards you.

### Adopt good posture

Slight bending of the back, hips and knees.

### Move the Load

- Lift load to waist height.
- Move slowly to avoid jerky movements.
- Keep close to load.
- Maintain your vision.
- Note: Always test the load before attempting to lift whilst keeping the body in its natural position'— if in doubt seek assistance.

23 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Mana	aging Rail Construction Work





**AMCO Contract No: MSC0422** 

WPP Revision: 0

Revision Date: 08/08/18

### Lifesaving rules







AMCO Contract No: MSC0422 WPP Revision: 0

Revision Date: 08/08/18

# Appendix 1 – Risk Assessment

### Control of activity risks

The table identifies particular hazards and risks that may be present during the works. Toolbox talks will be given where on these risks are deemed necessary but at a rate of not less than one per week. Weekly site audits will be undertaken by the Site Supervisor / Site Manager.

PREPARED BY:	Re da cte d	DATE PREPARED:	D: 08/08/18	OVERAI	OVERALL RISK
SEVERITY			PROBABILITY	RISK	SK
LOW	1	-	NOT LIKELY	TOW	1 TO 6
SLIGHT - FIRST AID TREATMENT	7	7	POSSIBLE - OTHER FACTORS NEEDED BUT NOT LIKELY	MEDIUM	MEDIUM 7 TO 15
MODERATE - OVER 3 DAYS INJURY	ო	က	QUITE POSSIBLE - OTHER FACTORS NEEDED - LIKELY	HIGH	16 TO 25
HIGH - MAJOR INJURY / DEATH	4	4	LIKELY - OTHER FACTORS THEN WILL HAPPEN		
VERY HIGH - MULTIPLE DEATH	5	r.	VERY LIKELY - WAITING TO HAPPEN		

	Applicable Tasks
<u> </u> :	Sea wall repairs
حi	
<u>ښ</u>	
4	

Hazard	Hazard outcome	S	_	S P Initial risk		Risk control measures	AMCO Ref	Residual risk	₹	Applicable Tasks	e Task	v
									-	7	က	4
Working in a Railway Environment	Fatal or Major Injury	4	4 20	50	• • • •	Green Zone working. Wearing of correct PPE. COSS Briefings. Use of competent staff and adequate		2	>			

Rail Construction Work	HS52: Planning and Managin	Parent Procedure:
RFM-HS-006-02	Proforma uncontrolled when printed	25 of 47





AMCO Contract No: MSC0422 WPP Revision: 0

	>	>
	m	4
<ul> <li>Adherence to Rule Book and work package plan requirements.</li> <li>TVP Planned and COSS to be with Visitor at all times.</li> </ul>	<ul> <li>If SSOW/WPP is no longer safe or useable due to changes in the working environment then:</li> <li>Stop</li> <li>Move to a position of safety</li> <li>Set up new safer system of work or</li> <li>Leave activity and site</li> <li>Think – have the conditions changed and has the risk increased? Review your risk assessment and use POWRA to manage change where appropriate.</li> <li>Act – make sure your workplace is tidy, you have the appropriate clothing for the conditions and role and that you have assessed the driving conditions.</li> <li>Prevent – if you feel that your safety or the safety of others around you is compromised, speak to your ROES, your Supervisor or the H&amp;S Advisor.</li> </ul>	<ul> <li>Walking anywhere during the cold and icy weather requires extra care to avoid slipping and falling.</li> <li>Make sure you pay attention to good housekeeping and keep pathways and steps as clear as possible to allow safe access to buildings and around the sites.</li> <li>Ensure there is adequate lighting provided around the site and is kept maintained at all times.</li> </ul>
	12	9
	m	4
	4	4
	Death Serious injury Injury	Serious injury Minor injury
	Changes in conditions that affect your safe system work Falling / failing light Darkness Fog Mist Snow Heavy Rain Reduced / reduction of sighting Restricted Clearance Entering Red Zone Working Prohibited areas Loss of Communication with office/signal box	Working in cold weather

of 47	Proforma uncontrolled when printed	RFM-HS-006-02
rent Procedure:	HS52: Planning and Managing	Rail Construction Work





### AMCO Contract No: MSC0422 WPP Revision: 0 Revision Date: 08/08/18 NWR Project No: SCOAM18

			Partice ph		• •	Ensure there is an adequate supply of rock salt available to grit walking routes etc.  Wear warm clothing - thermals, warm				
					•	socks, hats, scarves etc. Wear waterproof clothing if the weather is				
						wet. This will prevent you getuing wet and therefore keep you warmer. The waterproofs generally act as wind-proofing		ñ		
					•	water proofs generally act as wind-proofing as well.				
					•	should be done at least 15 minutes before				
			1005		•	you start work. Check the treads on your boots, have they				
			<u>. 100</u>			got any and do your boots support your				
			) I w			ankles. If not get a pair that do.		, - L		
					•	Wear warm gloves. Fingeriess gloves will still provide your hands with warmth if you				
						need to carry out precision work.				
					•	Warm drinks - Keep yourself warm from				
Travelling in cold	Death	2	4	20	•	Check weather forecasts before travelling	4	>		
weather	serions		ET.			and unless really necessary postpone your				
	injury minor					journey.				
	injury				•	Allow extra time for your journey.				
					•	Ensure your vehicle is prepared for your				
						journey.				
Struck by a train Walking adjacent to/along	Multiple death	S.	4	20	•	Only PTS staff to be used as a minimum standard	ഹ	>		
the operational railway	Death				•	Network Rail PTS and other track				
Working on or near the	Serious					competency training and specification with				
line I one working	Injury					the Rule Book/PTS Handbook relevant to				
2000	j	1	8			חום מכוואול וכ זה הסווולווהם אזוחו מרמוו מיויבה.				

7 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
arent Procedure:	HS52: Planning and Managing	Rail Construction Work





AMCO Contract No: MSC0422
WPP Revision: 0

Revision Date: 08/08/18

										5																	
	site	<u>ب</u>				-	-				<u>0</u>		pe	'er	<b>-</b>	, Ф		ators	the .			-		<u></u>	o.		
Use approved Safe System of Work (SSOW) for rail work.	Use approved walking routes. Access site via safe authorised accesses.	HV clothing (Orange Rail Approved) and other PPE to be worn at all times.	Creation of exclusion zones.	Personal positioning.	Use of pre-start alarms.	Adequate guarding.	Use of PPE.	Use of Machine Controller.	General awareness.	Detonators that are five or more years	beyond their date of manufacture should	be disposed of as set out in GN32.	At engineering sites detonators should be	kept in their original packaging, wherever	possible, and should be carried in a non-	friction lined, steel or wooden 'ready use'	box.	Under no circumstances should detonators	be left loose in a vehicle or be stored in the	glove compartment or boot of a vehicle.	It is recommended that packages of	detonators are kept unopened, in the	original packaging wherever possible.	Once the packaging has been opened it	may no longer meet the requirements for	the carriage of explosives.	Protection consists of:
•	•	•	•	•	•	•	•	•	•	•			•					•			•			•			Protect
	north.									20																	
										5																	
Minor injury Near Miss										Fatal or	Major injury																
										-	(Storage and transport to																

Proforma uncontrolled when printed RFM-HS-006-02 HS52: Planning and Managing Rail Construction Work

28 of 47 Parent Procedure:





AMCO Contract No: MSC0422 WPP Revision: 0

Φ	4	d. d. f
<ul> <li>3 detonators placed 20 metres apart. PLB placed at the middle detonator.</li> <li>Under no circumstances must any detonator be placed on the approach to the protecting signal, or any points or through crossing that will be used for normal train movements.</li> <li>Detonators to be placed by a competent person.</li> </ul>	<ul> <li>One man to be watchman and to direct MOPs safely passed works.</li> <li>Traffic cones and men at work signs to be set out to keep MOPs safe from works</li> <li>Plan work in sections if required to allow members of the public access past the works.</li> </ul>	<ul> <li>Only trained competent operatives to operate Stihl saws.</li> <li>The user of a hand-held tool should carry out a visual check on the tool before using it so that obvious defects can be identified.</li> <li>Any tool in an unserviceable or unsafe condition must be withdrawn from use until defects have been rectified.</li> <li>RPE with an assigned protection factor of at least 20 will still be needed, for example either FFP3 filtering masks.</li> <li>Wearers should be appropriately trained and face fit tested for the equipment.</li> <li>Maintaining an adequate water flow by cleaning and maintaining the water jets is</li> </ul>
		16
	2	4
	4	4
	Reportable or minor injury	Fatal or Major Injury
	Members of the Public when working in a High Street Environment Passing stationary concrete pump	Cutting mesh to size

29 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Managing F	Rail Construction Work





AMCO Contract No: MSC0422

WPP Revision: 0

Revision Date: 08/08/18

		-	AF ELL YE			essential and should be done at least every time the blades are changed.				
Use of tools for devegetation work De-veg at concrete pump set up locations	Reportable or minor Injury	г г	4	2	• • • • • •	Creation of exclusion zones. Protection of public. Use of PPE and long sleeved clothing. Use of insect repellent. Use of approved tools. Inspection of tools pre and post use. Trained personnel.	м	>		
Manual handling (pushing, pulling, lifting or carrying) Carrying small plant, tools and materials to worksite	Reportable or minor Injury	ю В	4			Manual handling assessment required Ensure that the object is light enough to lift, is stable and unlikely to shift or move Heavy or awkward loads should be moved using a handling aid if one is available Make sure you are standing directly in front of the item you wish to lift Check if the item has handles which you could use Know where you are taking the object before you begin and make sure there is somewhere to put the load down wherever it is to be moved to Make sure the route is clear of obstructions Stand as close to the load as possible, and spread your feet evenly apart to shoulder width. Your leading leg should be as far forward as is comfortable and, if possible, pointing in the direction you intend to go Bend your knees and try and keep the back's natural, upright posture. Keep your	м	>		

Proforma uncontrolled when printed RFM-HS-006-02 HS52: Planning and Managing Rail Construction Work

30 of 47 Parent Procedure:





AMCO Contract No: MSC0422
WPP Revision: 0
Revision Date: 08/08/18

shoulders level and facing in the same direction as your hips  Grasp the load firmly as close to the body	as you can with both hands with the heaviest side of the load towards you. If	you can't get close to the load at first, slide it towards you before you try to lift it. When	holding on to something, a hook grip is less tiring than keeping your fingers straight.	Keeping the object close to your body, use	the legs to lift the load in a smooth motion as this offers more leverage reducing the	strain on your back	<ul> <li>If you are carrying a large object which</li> </ul>	restricts your view, ask if someone can	guide you. This will prevent you from	tripping or bumping into objects	<ul> <li>Carry the load close to the body with the</li> </ul>	elbows tucked into the body	<ul> <li>If you have to turn, move your feet – don't</li> </ul>	twist your trunk	<ul> <li>When placing the item down, bend your</li> </ul>	legs	<ul> <li>Remember to keep your back straight as</li> </ul>	you bend down again	<ul> <li>It is better to push rather than pull, and to</li> </ul>	use body weight and leg muscles to do the	work. Make sure the load is kept under	control, particularly on slopes.
																<b>建设路内</b>						

31 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Managing	Rail Construction Work





AMCO Contract No: MSC0422 WPP Revision: 0

Marine environment  • Marine Scotland licence to be in place  • Permit to work in watercourse. • Adherences of brands and fauna. • Cornect PPE. • Use of insect repellents. • Silps trips while  • Or minor  • Don't drive with them on. • Not persisted. • Sharp with hand  Reportable 3 4 12 • Or diffication and use of roles to the proper and steel shanked mid-  • Sharp cornect size of boots. • Ensure treads are not won. • Siele foe capped and steel shanked mid- • Sole. • Don't drive with them on. • Not persisted. • Short of the proper manner ie standing up away from oil, grease and fuel. • Morking with hand  Reportable 3 4 12 • Or dentification and use of tools lowest HAV place size and their or minor  • Light of the proper manner is extending up away from oil, grease and fuel. • Maintenance of tools lowest HAV characteristics. • Maintenance of tools workdorce to reduce exposure fries. • Maintenance of tools workdorce to reduce exposure fries. • Maintenance of tools make manner and treating of deartification and use of noise reduced power tools. • Reatin of workforce to reduce exposure fries. • Reating of deartification and use of noise reduced • Sharp cuttine does on stractments.	Working on near water	Fatal or Major Injury	4	က	12	• •	Secure working platform. Trained first aiders.	4	>	
Permit to work in watercourse.     Awareness of hazardous flaura and fauna.     Correct size of insect repellents.     Use of insect repellents.     Adherence to Weill's Disease procedures.     Prevent access/ contact with water.     Steel to ecapped and steel shanked mid-sole.     Steel to ecapped and steel shanked mid-sole.     Not perished.     Not perished.     Stored in the proper manner is standing up away from oil, grease and fuel.     Not perished.     Stored in the proper manner is standing up away from oil, grease and fuel.     Not perished.     Not minor     Injury     A 12	Marine environment					•	Marine Scotland licence to be in place			
Correct PPE.     Correct PPE.     Use of insect repellents.     Use of insect repellents.     New or correct size of boots.     Injury     Reportable 3 4 12						•	Permit to work in watercourse.			
Correct PPE.     Use of insect repellents.     Adherence to Weill's Disease procedures.     Adherence to Weill's Disease procedures.     Prevent access/ contact with water.     Steel to e capped and steel shanked mid-sole.     Injury						•	Awareness of hazardous flaura and fauna.			
<ul> <li>Use of insect repellents.</li> <li>Adherence to Well's Disease procedures.</li> <li>Prevent access/ contact with water.</li> <li>Illington or minor Injury</li> <li>Steel toe capped and steel shanked midsole.</li> <li>Don't drive with them on.</li> <li>Not perished.</li> <li>Stored in the proper manner is standing up away from oil, grease and fuel.</li> <li>Make sure worn on correct feet.</li> <li>Injury</li> <li>Injury</li> <li>Wearing of gloves and correct PPE for the equipment.</li> <li>Wearing of gloves and correct PPE for the task.</li> <li>Induced deafness</li> <li>Regular maintenance of tools.</li> <li>Rotation of workforce to reduce exposure times. Maintenance of exposure etimes. Maintenance of exposure etimes.</li> <li>Health surveillance for personnel at risk.</li> <li>Health surveillance for personnel at risk.</li> <li>Health surveillance.</li> <li>Sharp cuttin edges on attachments.</li> </ul>				1		•	Correct PPE.			
<ul> <li>Adherence to Weil's Disease procedures.</li> <li>Prevent access/ contact with water.</li> <li>Wear correct size of boots.</li> <li>Illington or minor Injury</li> <li>Steel toe capped and steel shanked midsole.</li> <li>Don't drive with them on.</li> <li>Not perished.</li> <li>Stored in the proper manner is standing up away from oil, grease and fuel.</li> <li>Make sure worn on correct feet.</li> <li>Make sure worn on correct feet.</li> <li>Injury</li> <li>Use HAVS register to record time on equipment.</li> <li>Wearing of gloves and correct PPE for the task.</li> <li>Maintenance of tools.</li> <li>Rotation of workforce to reduce exposure times. Maintenance of stools of eachced deafness</li> <li>Regular maintenance.</li> <li>Regular maintenance.</li> <li>Sharp cuttin edges on attachments.</li> </ul>						•	Use of insect repellents.			
Reportable   3 4 12   Wear correct size of boots.						•	Adherence to Weill's Disease procedures.			
<ul> <li>while Reportable 3 4 12 • Wear correct size of boots.</li> <li>or minor Injury Steel toe capped and steel shanked midsole.</li> <li>bon't drive with them on.</li> <li>Not perished.</li> <li>Stored in the proper manner is standing up away from oil, grease and fuel.</li> <li>Make sure worn on correct feet.</li> <li>or minor Make sure worn on correct feet.</li> <li>heartification and use of tools lowest HAV characteristics.</li> <li>Use HAVS register to record time on equipment.</li> <li>Waring of gloves and correct PPE for the task.</li> <li>Maintenance of tools.</li> <li>Rotation of workforce to reduce exposure times. Maintenance of exposure records.</li> <li>Health surveillance for personnel at risk.</li> <li>Health surveillance on attachments.</li> <li>Sharp cutting edges on attachments.</li> </ul>						•	Prevent access/ contact with water.			
ilington or minor  • Ensure treads are not worn.  • Steel toe capped and steel shanked midsole.  • Don't drive with them on.  • Not perished.  • Stored in the proper manner ie standing up away from oil, grease and fuel.  • Make sure worn on correct feet.  • Make sure worn on correct feet.  • Injury  • Wearing of gloves and correct PPE for the task.  • Waring of gloves and correct PPE for the task.  • Waintenance of tools.  • Rotation of workforce to reduce exposure times. Maintenance of exposure records.  • Health surveillance for personnel at risk.  • Health surveillance for personnel at risk.  • Health surveillance of noise reduced power tools.  • Rotation and use of noise reduced power tools.  • Regular maintenance.  • Sharp cutting edges on attachments.	Slips trips while	Reportable			2	•	Wear correct size of boots.	2	>	
th hand Reportable 3 4 12 • Steel toe capped and steel shanked midsole.  • Don't drive with them on.  • Not perished. • Stored in the proper manner is standing up away from oil, grease and fuel.  • Make sure worn on correct feet.  • Make sure worn on correct feet.  • Make sure worn on correct feet.  • Identification and use of tools lowest HAV characteristics.  • Use HAVS register to record time on equipment.  • Wearing of gloves and correct PPE for the task.  • Maintenance of tools.  • Maintenance of tools.  • Rotation of workforce to reduce exposure times. Maintenance of exposure records.  • Health surveillance for personnel at risk.  • Health surveillance for personnel at risk.  • Health surveillance for personnel at risk.  • Regular maintenance.  • Sharp cutting edges on attachments.	wearing wellington	or minor				•	Ensure treads are not worn.			
th hand Noise 3 4 12 e John't drive with them on.  • Don't drive with them on.  • Not perished.  • Stored in the proper manner ie standing up away from oil, grease and fuel.  • Make sure worn on correct feet.  • Make sure worn on correct feet.  • Make sure worn on correct feet.  • Identification and use of tools lowest HAV characteristics.  • Use HAVS register to record time on equipment.  • Wearing of gloves and correct PPE for the task.  • Maintenance of tools.  • Rotation of workforce to reduce exposure times. Health surveillance for personnel at risk.  • Regular maintenance.  • Sharp cutting edges on attachments.	boots	ıııjury				•	Steel toe capped and steel shanked mid-			
Don't drive with them on.     Not perished.     Stored in the proper manner ie standing up away from oil, grease and fuel.     Make sure worn on correct feet.     Make sure worn on correct feet.     Make sure worn on correct feet.     Injury characteristics.     Injury characteristics.     Nearing of gloves and correct PPE for the task.     Maintenance of tools.     Rotation of workforce to reduce exposure times. Maintenance of exposure at risk.     Health surveillance for personnel at risk.     Regular maintenance.     Regular maintenance.     Sharp cutting edges on attachments.							sole.			
Stored in the proper manner ie standing up away from oil, grease and fuel.     Make sure worn on correct feet.     Injury				1		•	Don't drive with them on.			
<ul> <li>Stored in the proper manner ie standing up away from oil, grease and fuel.</li> <li>Make sure worn on correct feet.</li> <li>Injury</li> <li>Injury</li> <li>Use HAVS register to record time on equipment.</li> <li>Wearing of gloves and correct PPE for the task.</li> <li>Maintenance of tools.</li> <li>Rotation of workforce to reduce exposure times. Maintenance of exposure records.</li> <li>Health surveillance for personnel at risk.</li> <li>Identification and use of noise reduced power tools.</li> <li>Regular maintenance.</li> <li>Sharp cutting edges on attachments.</li> </ul>						•	Not perished.			
th hand Reportable 3 4 12 • Identification and use of tools lowest HAV characteristics.  Injury • Wearing of gloves and correct PPE for the task.  • Maintenance of tools.  • Waintenance of tools.  • Rotation of workforce to reduce exposure times. Maintenance of exposure records.  • Health surveillance for personnel at risk.  • Health surveillance for personnel at risk.  • Health surveillance of noise reduced power tools.  • Regular maintenance.  • Sharp cutting edges on attachments.						•	Stored in the proper manner ie standing up			
<ul> <li>th hand Reportable 3 4 12 • Identification and use of tools lowest HAV characteristics. Injury</li> <li>u Use HAVS register to record time on equipment.</li> <li>• Wearing of gloves and correct PPE for the task.</li> <li>• Maintenance of tools.</li> <li>• Rotation of workforce to reduce exposure times. Maintenance of exposure records.</li> <li>• Health surveillance for personnel at risk.</li> <li>• Health surveillance for personnel at risk.</li> <li>• Identification and use of noise reduced power tools.</li> <li>• Regular maintenance.</li> <li>• Sharp cutting edges on attachments.</li> </ul>				T.			away from oil, grease and fuel.			
th hand Reportable 3 4 12 • Identification and use of tools lowest HAV characteristics.  Injury • Use HAVS register to record time on equipment.  • Wearing of gloves and correct PPE for the task.  • Maintenance of tools.  • Rotation of workforce to reduce exposure times. Maintenance of exposure records.  • Health surveillance for personnel at risk.  • Identification and use of noise reduced power tools.  • Regular maintenance.  • Sharp cutting edges on attachments.						•	Make sure worn on correct feet.			
characteristics.  Injury  Use HAVS register to record time on equipment.  Wearing of gloves and correct PPE for the task.  Maintenance of tools.  Rotation of workforce to reduce exposure times. Maintenance of exposure records.  Health surveillance for personnel at risk.  Regular maintenance.  Sharp cutting edges on attachments.	Working with hand	Reportable	_		2	•	Identification and use of tools lowest HAV	က	>	
<ul> <li>Use HAVS register to record time on equipment.</li> <li>Wearing of gloves and correct PPE for the task.</li> <li>Maintenance of tools.</li> <li>Rotation of workforce to reduce exposure times. Maintenance of exposure records.</li> <li>Health surveillance for personnel at risk.</li> <li>Station of the risk of the risk</li></ul>	tools (vibration)	or minor					characteristics.			
equipment.     Wearing of gloves and correct PPE for the task.     Maintenance of tools.     Rotation of workforce to reduce exposure times. Maintenance of exposure records.     Health surveillance for personnel at risk.     Regular maintenance.     Sharp cutting edges on attachments.		Injury				•	Use HAVS register to record time on			
Wearing of gloves and correct PPE for the task.     Maintenance of tools.     Rotation of workforce to reduce exposure times. Maintenance of exposure records.     Health surveillance for personnel at risk.     Regular maintenance.     Sharp cutting edges on attachments.							equipment.			
task.  • Maintenance of tools.  • Rotation of workforce to reduce exposure times. Maintenance of exposure records.  • Health surveillance for personnel at risk.  • Health surveillance for personnel at risk.  • Identification and use of noise reduced power tools.  • Regular maintenance.  • Sharp cutting edges on attachments.				1		•	Wearing of gloves and correct PPE for the			
Maintenance of tools.     Rotation of workforce to reduce exposure times. Maintenance of exposure records.     Health surveillance for personnel at risk.     Health surveillance for personnel at risk.     Induced power tools.     deafness    Regular maintenance.     Sharp cutting edges on attachments.							task.			
th hand Noise 3 4 12 • Rotation of workforce to reduce exposure times. Maintenance of exposure records.  • Health surveillance for personnel at risk.  • Health surveillance for personnel at risk.  • Identification and use of noise reduced power tools.  • Regular maintenance.  • Sharp cutting edges on attachments.				10.10		•	Maintenance of tools.			
times. Maintenance of exposure records.  • Health surveillance for personnel at risk.  • Health surveillance for personnel at risk.  • Identification and use of noise reduced power tools.  • Regular maintenance.  • Sharp cutting edges on attachments.						•	Rotation of workforce to reduce exposure			
th hand Noise 3 4 12 • Health surveillance for personnel at risk.  Induced power tools.  Geafness • Regular maintenance.  Sharp cutting edges on attachments.							times. Maintenance of exposure records.			
th hand       Noise       3 4 12       • Identification and use of noise reduced power tools.         induced deafness       • Regular maintenance.         • Sharp cutting edges on attachments.						•	Health surveillance for personnel at risk.			
deafness	Working with hand	Noise			2	•	Identification and use of noise reduced	3	>	
• •	tools (noise)	induced					power tools.			
Sharp cutting edges on attachments.		deamess				•	Regular maintenance.			
						•	Sharp cutting edges on attachments.			

32 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Managing	Rail Construction Work





AMCO Contract No: MSC0422

WPP Revision: 0

					•	Use of appropriate hearing protection and compatible PPE for the task.				
					•	Rotation of workforce using tools to reduce				
						exposure times.				
					•	Identification and establishment of noise				
Use of chainsaw	Fatal or	2	3	15	•	Competent & Certified operatives with	5	>		
	major injury					NPTC competency for appropriate scope of				
					•	Fixerienced free workers for more				
					W.	considerable tasks.				
					•	Operatives utilising chainsaw will wear				
	5					appropriate noise protection and chain saw				
						protective clothing, boots, overalls, visor,				
			J.R.			gloves.				
					•	All operations will be carried out in				
						compliance with current legislation and				
						limits regarding Hand Arm Vibration.				
					•	Please refer to exposure limits sheet for				
						the particular item of plant.				
					•	Record all exposure/ trigger times into				
						HAVS register. –				
Working on Slippery	Reportable	3 2	4	12	•	Eliminate condition where possible grade	5	>		
sea wall	or minor					out uneven land, drain off standing water.)				
	lujury				•	Extra care particularly on slopes.				
			TQ.		•	Adequate Safety Footwear to be worn at all				
						times.				
40					•	Remove trip obstructions.				
Working on inclined sea	Reportable	7 8	4	12	•	Identify alternative access.	3	>		
wall	or minor				•	Identify safe working locations.				
	ırıjury				•	Consider installing steps, safety barriers or				
						fall protection.				

33 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS59. Planning and Managing	Rail Construction Work





AMCO Contract No: MSC0422

WPP Revision: 0

	×	>	>	3
<ul> <li>Secure plant and equipment from slipping.</li> <li>Additional care on grassed areas which can be slippery and loose ground.</li> <li>Adequate Safety Footwear to be worn at all times.</li> </ul>	<ul> <li>Prevent objects becoming airborne.</li> <li>Identification and maintenance of exclusion zones.</li> <li>Use of appropriate PPE.</li> <li>Adequate guarding of moving parts.</li> <li>Personal positioning.</li> </ul>	<ul> <li>Identification and maintenance of dedicated access routes.</li> <li>Removal of tripping hazards.</li> <li>Safe storage of materials.</li> <li>Cleaning up spills.</li> <li>Removal of rubbish and debris to an approved location.</li> <li>Use of non-slip flooring.</li> <li>Repair worn or damaged walking surfaces.</li> </ul>	<ul> <li>Identify low toxic substances at design.</li> <li>Refer to material hazard data sheet.</li> <li>Adherence to COSHH Assessments.</li> <li>Use correct PPE.</li> <li>Strict adherence to contents of Work package plan regarding application methods and disposal.</li> <li>Use of competent personnel.</li> </ul>	<ul> <li>Regular inspection and maintenance.</li> <li>Remove damaged or faulty tools from service.</li> </ul>
	Major or 3 3 9 Reportable Injury	n Reportable 3 3 9 or minor Injury	ul Reportable 3 3 9 or minor Injury	Reportable 3 3 9 or minor Injury
	Contact with flying objects  During de-veg ops and cutting mesh with Stihl saw	Slips, trips or falls on same level	Working with harmful substances Concrete	Using defective or inappropriate tools

Parent Procedure:	HS52: Planning and Managino	Rail Construction Work



AMCO Contract No: MSC0422 WPP Revision: 0

			B. British		• Seler task.	Select and use appropriate tools for the task.				
					° N	Use of appropriate PPE.				
Walking along access	Reportable	8	3 9		• Us	Use of authorised walking routes.	က	>		
routes to reach	or minor Injury				• Us	Use of cess.				
Worksite	y in jui				• Us	Use of authorised access points.				
			ŊĬ.		• Av	Avoid areas of limited clearances.				
					• Ad	Adherence to Rule Book requirements for				
					wa	walking on or near the line.				
				100.00	• Ad	Adhere to Country Code and local\ by-				
					laws.	is.				
Sharps	Reportable	8	3		• Do	Do not touch Call Redacted (Total	3	>		
	disease /				Pe	Pest Solutions) on Redacted				
	minor injury				• Ide	Identify possible locations.				
					• Ins	Instruction on procedure in event of cutting				
					/ pd	puncture.				
					• En	Encourage the wound to bleed, prevent				
					fun	further contamination.				
					• Re	Report to hospital, taking offending sharp				
					wit	with patient.				
Excessive hours	Reportable	e e	3		• No	No working shift to exceed 14 hours,	2	>		
	or minor				inc	including travel.				
	unjury				• Mo	Monitor of hours worked in site register.				
Hot Working	Reportable	2	3		· Us	Use Hot Work Permit and sign off as works	2	>		
Cutting moch with a Stihl					tinish.	sh.				
country mesh with a suffi	ırıjury				• Re	Remove combustible materials.				
AADO				100	• Fir	Fire watch during works and 30 mins after.				
					• Est	Establish exclusion zone.				
					• Us	Use appropriate PPE.				
					• Fire	Fire extinguisher available and with the hot				
		$\dashv$			WO	working.	((			

Rail Construction Work	HS52: Planning and Managing	Parent Procedure:
RFM-HS-006-02	Proforma uncontrolled when printed	35 of 47





AMCO Contract No: MSC0422

WPP Revision: 0

Noise	Major or	3	4	2	•	<ul> <li>WPP shall include information on noise</li> </ul>	loise	4	>			
Communication difficulty	Reportable					induced hearing loss and prevention.	Ju.					
leading to accidents.	Injury				•	<ul> <li>Appropriate maintenance program for work</li> </ul>	for work					
Progressive noise marced			<u>i.</u>			equipment.						
Tinnitus					•	<ul> <li>Risk assessments to be carried out</li> </ul>						
						detailing the appropriate P.P.E to be worn	oe worn					
						for the task in hand taking account of the	of the					
			4			individual user.				ř.		
			- 1		•	<ul> <li>Hearing protection shall be worn where</li> </ul>	here					
			4			identified as a precaution / control measure	measure					
			r 11 1072 d			in the risk assessment or noise						
						assessment.						
					0	<ul> <li>All workers to wear appropriate personal</li> </ul>	rsonal					
		-				protective equipment [PPE]						
Operatives exposed to	Major or	m	3		•	<ul> <li>COSHH assessment to be recorded and</li> </ul>	ed and	က	>			
contact burns, eye	Reportable	-				briefed to operatives prior to work						
Injuries, dermatitis	lujury		wa			commencing.						
					•	<ul> <li>PPE suitable to task to be worn</li> </ul>						
			Há		•	<ul> <li>Any contact splashes to be washed of</li> </ul>	d of					
						immediately. Signs of burning seek medical	c medical				_	
						attention.						
			ji k		•	<ul> <li>Eye contact rinse out thoroughly, seek</li> </ul>	eek					
						medical attention.						
					•	<ul> <li>Signs of dermatitis should be</li> </ul>						
						communicated to management so						
						arrangements can be made for alternative	ernative					
						duties for affected operative. Continued	panu					
						exposure may lead to a more serious form	us form					
						of dermatitis						
			166		•	<ul> <li>Good hygiene practises. Washing hands</li> </ul>	hands					
	0					etc. before eating.						

36 of 4/	Proforma uncontrolled when printed	70-900-SH-M-HX
Parent Procedure:	HS52: Planning and Managin	Rail Construction Work







AMCO Contract No: MSC0422

WPP Revision: 0

Revision Date: 08/08/18

																												٦
																												-
																												4
	>																											
	4																											
						-			-			-								121		0.400						
ace	erate		ected		asive	o o		rkers	y the		use,	l and		i total	annot	ans of		n unit	se the		quired	ld be		while,	rotate		when	ll eye
in p	to op		e se	3	e abr	IS to	ë.	all wo	ed p		efore	tentia		<b>ustair</b>	this c	r mea		ession	inimis		is rec	shou		ikea	doj		mes	s, Fu
rea is	rkers	88	ing th	1	ᇢ	SKS	an Ale	o of	affect	ess.	q pe	od Yr		ust sı	el, ਜੋ1	othe		uppre	to m		ermit	ance		g to ta	od be		all	Glove
out a	ow be		or cutt	ЭП.	ction	ם ס	of eve	eare	pe	proc	spect	ng ar		or m	whe	ason	ht.	lust s	imes		rks p	applia		going	aduire		ed at	eel. (
wash	ertifi(	<u>.</u> .	iisk fo	chos	nspe ,	ਜ਼ ਕੁ	start	pe c	may	utting	e iii	movi		perat	asive	any re	<b>Bnos</b>	eac	t all t		ot wo	fire		ess is	is E		equire	e wh
rete	and (	wne	tting	st be	arety	pme	t the	must	who	eel cı	to b	ind re		the c	e abr	d for	ld be	ncret	sed s	:	elah	rrect	able.	proc	orke.		S	rasiv
e cond	ained	asive	ht cu	m m	ise s	edn	ned a	area	ablic	e wh	area	ing a	zards	imes	of th	taine	shou	o gr	pe n	eatec	ng ste	e 60	avail	utting	w pu		RPE	he at
Ensure concrete wash out area is in place and in use.	Only trained and certified workers to operate	the abrasive wheel.	The right cutting disk for cutting the selected	material must be chosen.	A pre use sarety inspection on the abrasive	wheel equipment and disks is to	performed at the start of every use.	Work area must be cleared of all workers	and public who may be affected by the	abrasive wheel cutting process.	Work area to be inspected before use,	identifying and removing any potential and	trip hazards.	At all times the operator must sustain total	control of the abrasive wheel, if this cannot	be sustained for any reason other means of	cutting should be sought.	If cutting concrete a dust suppression unit	should be used at all times to minimise the	dust created.	If cutting steel a hot works permit is required	and the correct fire appliance should be	readily available.	If the cutting process is going to take a while,	a second worker is required to job rotate	with.	PPE & RPE is required at all times when	using the abrasive wheel. (Gloves, Full eye
• ш ш	•	ו ב	•	<b>⊏</b> <	•	>	Ω	>	W	מ	>	.⊆	₽	•	O	Ω	O	•	S	ס	•	W	2	•	מ	>	•	7
	4																											
	2																											
	_ old	מחמ																										
	Major or	himy	jul y																									
	≥ 0	2 2	=																									_
	heel			>																								
	sc/w			oirator																								
	of dis	nga.	2.	o resp																								
	Bursting of disc / whee	Eve inimy	(infinit	Damage to respiratory	system.																							
	Bur	T	Lyd	Dar	sys																							

HS52: Planning and Managing Rail Construction Work

Proforma uncontrolled when printed

Parent Procedure:

37 of 47

RFM-HS-006-02





AMCO Contract No: MSC0422 WPP Revision: 0

Revision Date: 08/08/18

							\ \																					
protection, hard hat, High Vis & Ear defenders.)	<ul> <li>No lose clothing is to worn when operating the abrasive wheel.</li> </ul>	<ul> <li>Abrasive wheels must never be used while</li> </ul>	standing on a ladder.	<ul> <li>The abrasive wheel should be filled with</li> </ul>	petrol in a controlled area, which has the	required spill kits and fire appliances.	<ul> <li>The operator of the tool is required to be</li> </ul>	familiar and comment in the use of the said	tool.	<ul> <li>Tools frequency rating to be established.</li> </ul>	<ul> <li>Operatives to be issued with information on</li> </ul>	time tool can be used in 8 hour shift.	<ul> <li>Establish work rotations if required. Time</li> </ul>	spent to be recorded on site in the HAVS	register.	<ul> <li>Weather conditions need to be considered</li> </ul>	when assessing the time a person will use	the tool for.	<ul> <li>Ways of communication need to be</li> </ul>	assessed in case of emergency.	<ul> <li>A pre use safety inspection is to be</li> </ul>	performed before use.	<ul> <li>All defected tools are to be taken out of</li> </ul>	service and returned to the Site Manager.	<ul> <li>All work areas to be inspected before use for</li> </ul>	any potential trip hazards.	<ul> <li>All work zones to be fenced off to control any</li> </ul>	unwanted entry.
							4												<b>屋</b>									Sec. 9.2
					V.3.		2							<u> </u>														
							2		_																			
							Noise	induced	deatness																			
							Vibration White Finger			Hearing Damage																		

Proforma uncontrolled when printed RFM-HS-006-02 HS52: Planning and Managing Rail Construction Work

38 of 47 Parent Procedure:







AMCO Contract No: MSC0422 WPP Revision: 0 Revision Date: 08/08/18

39 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Managing	Rail Construction Work





AMCO Contract No: MSC0422 WPP Revision: 0

Revision Date: 08/08/18

Environmental	Pollution of	1 4 16	Very little hazardous material to be used on	4	>	
Use of hazardous	land and		this site. All hazardous substances to be			
substances	water. Risk		stored in a ventilated, locked, secure			
	to human		storage area. No hazardous substances to			
	health due		be used without a full COSHH Assessment			
	to nse,		(see site COSHH Assessment) and			-11
	storage,		WPP/TB being prepared, with control			-
	leakage or		measures identified and protection		_	
	spillage of		equipment provided. Ensure security of			
	hazardous		storage, clean up any spillage. Those using		_	
	substances.		the substances to be briefed using the			
			Sypol assessment.			

# Site Security Risk Assessment

>	>	>
င	ဧ	4
All small tools, plant and equipment are to be removed from site at end of each shift and stored in Perth Depot. If works are programmed to take place over more than 1 shift then small tools, plant and equipment may be stored in vehicles out of sight of passers-by.	Plant to be parked within a secure area away from blind spots, fences etc. Vandal guards to be put on cabs at the end of each shift. Ignition key and immobiliser key to be removed and secured operators or supervisors possession. All doors including engine cover etc. are to be locked at the end of each shift.	All COSHH and Fuel storages to be secured and locked in vehicles after use. COSHH and Fuel storages to be checked at the end of each shift to check that these have been secured and locked. Keys to be held by Site Supervisor. Further control measures to be identified.
12	12	16
4	4	4
က	က	4
Damage to equipment, fire and theft	Smashed windows, damage to external parts, fire, theft.	Injury, inhalation of substances, contamination, pollution, fire, theft
Small tools, plant and equipment	Plant i.e. Excavators, Telehandler	COSHH and Fuel Storage

40 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Managi	ng Rail Construction Worl



AMCO Contract No: MSC0422

WPP Revision: 0

Revision Date: 08/08/18

Kincardine Sea Wall	<u> </u>	CONTRACT MSC-0422 NO:	MSC-0422		
SEVERITY	PROBABILITY	INITIAL RISK	RISK CONTROL AND MINIMUMISATION MEASURES	PROCEDURES	RESIDUAL RISK
	8	ω	It is envisaged that there will be no more than 10 employees on site at any one time, therefore, 1 first aider and 1 first aid kit will be sufficient. However, if site conditions change it may be necessary to increase the amount of first aiders and first aid boxes. Examples of this below: - hazardous activities on site such as COSHH, confined spaces, working at height - Cover for First Aider absence sickness / holidays - Cover for weekend shifts.	HS69 – First Aid	7

41 of 47	Proforma uncontrolled when printed   KFIW-H	-HS-000-0Z
	- C: C	- IVI IVI
	יייייייייייייייייייייייייייייייייייייי	CTON VOCK
Carent Droced Ire.	חסטב. רומווווון מווע ואמוומאוווא ואמוו סטוסנית	
- 0000000		





AMCO Contract No: MSC0422

Revision Date: 08/08/18 WPP Revision: 0

<u></u>		-		
N	N	N	м	ю
No lone working and worksite is small, therefore, 1 first aider and 1 first aid box will be sufficient.	No specialist knowledge is required for first aider. Procedure for contacting emergency services for serious injuries to be in place.	Ensure that First Aid Kits are checked by a nominated person on a weekly basis.  Ensure suitable protection available for First Aider – Gloves and mouth guards  Ensure first aid kit is relevant to the tasks carried out in the location and numbers of personnel.	1 x first aider + 1 x first aid kit per 25 persons	1 x first aider + 1 x first aid kit per 25 persons
œ	œ	<b>∞</b>	6	16
2	2	2	3	4
4	4	4	က	4
Delayed first aid response to injury may affect the outcome for the injured person	No or incorrect first aid may affect the outcome for the injured person	Risk to both the First Aider and injured person	Minor injury	Major or minor injury
First Aider not within the vicinity of injured person or contactable.	First Aider not having relevant skills for the injury	First Aid boxes not in correct location or stocked adequately	Slips, trips and falls	Cuts and abrasions

14 IO 41	Protorma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52. Planning and Managin	Doll Containston Mode











OAM18	MSC0422
<b>NWR Project No: SCOAM1</b>	AMCO Contract No: MSC0422
NWR Pro	AMCO C

WPP Revision: 0 Revision Date: 08/08/18

Eye injuries	Major or minor injury	4	4	16	1 x first aider + 1 x first aid kit per 25 persons	က	
Broken bones	Major or minor injury	4	4	16	1 x first aider + 1 x first aid kit per 25 persons	ო	
Crush injuries	Major or minor injury	4	4	16	1 x first aider + 1 x first aid kit per 25 persons	က	

43 of 47	Proforma uncontrolled when printed RF	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Managing Rail Cons	Instruction Work



WPP Revision: 0

### AMCO Contract No: MSC0422 **NWR Project No: SCOAM18**

Revision Date: 08/08/18

sessment	
ed Risk As	
rief – Revis	
Plan / Task Bri	
Package Pla	
s to Work	
Changes	

			Tick when complete		
			Who needs to undertake these actions		
			What further action is required? e.g change to order of works, additional PPE, new method of working		
			Changes made & reason(s) why change is required		
erence		Person undertaking the review (Below)			
Task Title and Reference	Date:	Person undertakin	Section No. & heading		

Remember to re-brief the above to the relevant persons within your work group / site / possession

44 of 4/	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure.	HOEO. Diamina a di Managara	



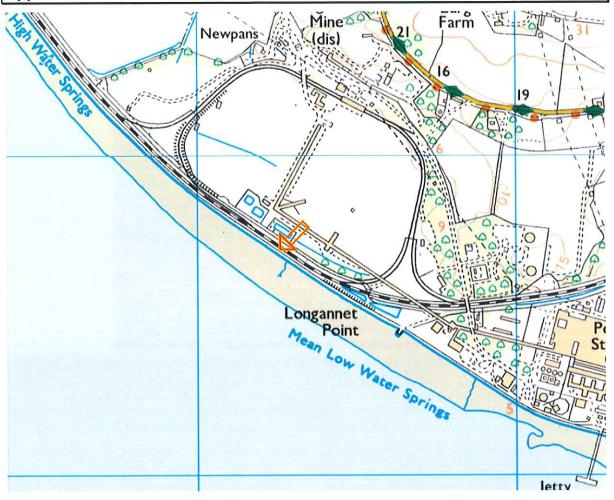


**AMCO Contract No: MSC0422** 

WPP Revision: 0

Revision Date: 08/08/18

#### Appendix 3 – Site Location Plan



45 of 47	Proforma uncontrolled when printed RFM-			
Parent Procedure:	HS52: Planning and Managing Rail Construction Work			



AMCO Contract No: MSC0422

WPP Revision: 0

Revision Date: 08/08/18

### Appendix 4 – Site Photographs



46 of 47	Proforma uncontrolled when printed RFM-HS-00			
Parent Procedure:	HS52: Planning and Managing Rail Construction Work			





AMCO Contract No: MSC0422

WPP Revision: 0

Revision Date: 08/08/18



47 of 47	Proforma uncontrolled when printed	RFM-HS-006-02
Parent Procedure:	HS52: Planning and Mana	

