Method Statement Template

This template is intended to be used in conjunction with a Band 1 Marine Licence application. Please complete each section below following the guidance provided (max 500 words per section). For any queries relating to this template please contact: marinelicensing@cyfoethnaturiolcymru.gov.uk

1. Summary

Please provide a brief summary of the application including location of the works (coordinates - lat/long, decimal degrees). For activities that cover a large area please provide coordinates of the approximate extent of works.

Our job reference: MWC0248

Maintenance work to be carried out on behalf of Network Rail at Rhymney River Bridge, Cardiff.

OSGR: ST 21227 78273 (high mileage abutment of bridge)
OSGR: ST 21248 78287 (low mileage abutment of bridge)

Removing paint from around the bearing zones on twelve areas of the bridge abutments to facilitate surveys on the condition of the steel of each bearing zone.

2. Scope of works

Please provide a full description of <u>all</u> proposed works including:

- *Sequence of works (mobilisation, marine works, site remediation (if required))*
- *Estimated timing of works (duration, working hours, day/night, plus contingency)*
- *Plant, machinery or vessel required*
- *Estimated quantities (removals, deposits, construction materials)*

<u>High Mileage abutment and piers.</u>

1) *Remove debris from down main high mileage abutment.*
2) *Place polythene over floor on work areas on high mileage abutment.*
3) *Place Youngman walkways on bracing steelwork to access high mileage piers.*
4) *Remove razor wire from centre piers.*
5) *Mechanically clean down bottom flanges in all bearing zones to high mileage abutments.*
6) *Mechanically clean down bottom flanges in all bearing zones to high mileage cast piers.*
7) *Inspect all areas with NR asset engineer.*
8) *Paint all high mileage abutment and centre pier with first coat of aluminium primer where pain has been removed to the bearing areas.*

<u>Low Mileage abutment and piers</u>

1) *Remove debris from down main low mileage abutment.*
2) *Place polythene over floor on work areas on low mileage abutment.*
3) *Place Youngman walkways on bracing steelwork to access low mileage piers.*
4) *Remove razor wire from centre piers.*
5) *Mechanically clean down bottom flanges in all bearing zones to low mileage abutments.*
6) *Mechanically clean down bottom flanges in all bearing zones to low mileage cast piers.*
7) *Inspect all areas with NR asset engineer.*
8) *Paint all low mileage abutment and centre pier with first coat of aluminium primer where pain has been removed to the bearing areas.*
9) *Paint all areas where paint has been removed to the bearing areas with intermediate coat.*
10) *Paint all areas where paint has been removed to the bearing areas with intermediate coat.*
11) *Paint all areas where paint has been removed to the bearing areas with top coat.*
12) *Reinstate razor wire from centre piers.*

The work is expected to take 3 weeks to complete. Working times will be restricted to day-time working (07:30 – 16:30). Four operatives on site.

<u>Equipment & Materials:</u>

Small Generator / Needle guns / Grinders / Rotary drills & small SDS drills / Small access towers and Youngman boards with handrails.

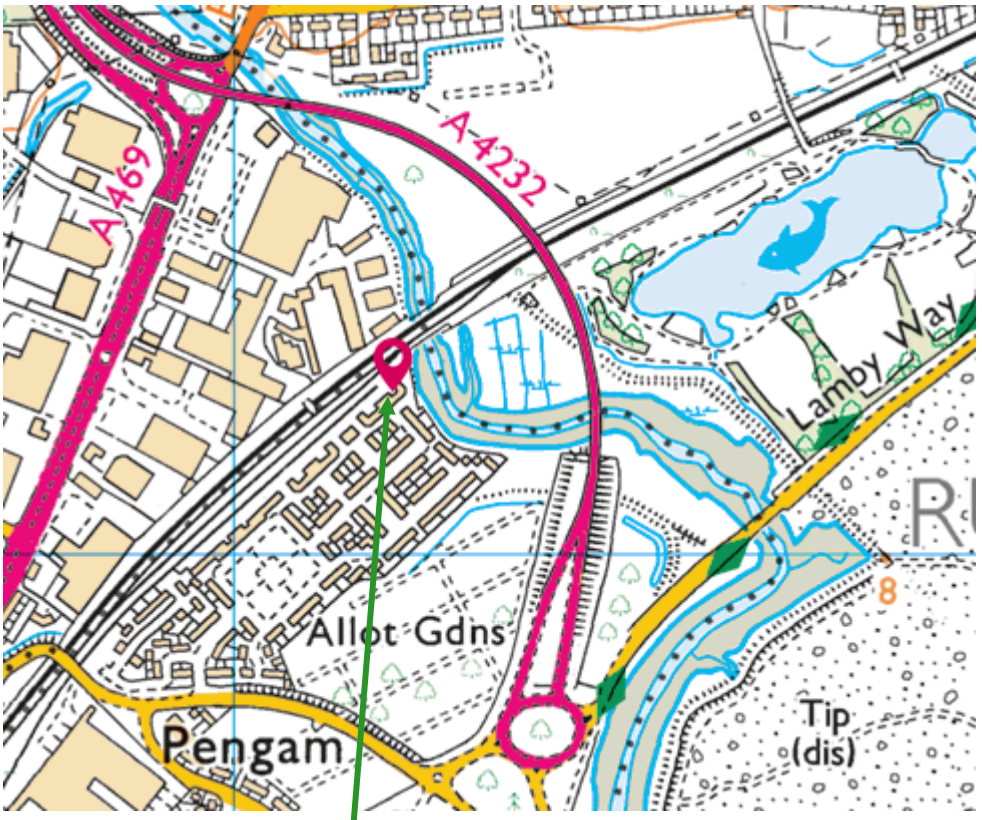
Surface tolerant aluminium primer paint / Thinners / Diesel for generator

3. Access and working areas

Please provide details of access to the site and working areas. This should include:

- *Attached map of the access/egress route and working areas (annotated aerial image and/or OS map)*
- *Predicted plant/vehicle movements*
- *Storage areas for plant, equipment and materials (if required)*
- *Risks to navigation*

- High mileage side will be accessed via Network Rail access gates at Glan Rhymney estate.
- Low Mileage abutment will be accessed either across the bridge via the goods line or through the field.
- A small compound will be set up in the car park at Glan Rhymney housing estate.



Access at Glan Rhymney estate and where small compound would be set up

4. Environmental mitigation

Please list appropriate mitigation measures to minimise impacts on the marine environment these may include:

- *Pollution prevention and control procedure (guidance available at: http://www.netregs.org.uk/media/1304/gpp-5-works-and-maintenance-in-or-near-water.pdf)*
- *Spill response kits*
- *Minimise plant traffic*
- *Designated access and egress routes*
- *Storage of materials (fuel, chemicals, construction waste)*
- *Biosecurity (guidance available at http://www.snh.gov.uk/docs/A1294630.pdf)*

Note: To assist you, the following mitigation statements will be used as conditions within the licence. By signing this method statement you will be agreeing to adhere to these restrictions. If you are unable to do this, the application will not qualify as Band 1.

- ✓ All equipment, temporary structures, access tracks, waste and/or debris associated with the works will be removed on completion of the works.
- ✓ Bunding, storage facilities and spill kits will be employed to contain and prevent the release of fuel, oils and chemicals associated with the plant, refuelling and construction equipment into the marine environment.
- ✓ Plant, vehicles and machinery will not be refuelled on the foreshore.
- ✓ Coatings and treatments will be suitable for use in the marine environment and are used in accordance with best environmental practice.
- ✓ All equipment, materials, machinery and PPE used will be in a clean condition prior to their arrival on site, and upon removal from site, to minimise risk of introducing non-native species into the marine environment.
- ✓ In the event of removal of any sensitive species or habitat designated by NRW under Schedule 7 of the Environment (Wales) Act 2016, no further removals will occur at that location or within 20m of that location.

Please list your bespoke mitigations here:

- Guidance for Pollution Prevention – Works and maintenance in or near water: GPP 5 to be followed
- Youngman boards covered over with plywood sheet (laid in opposite direction) combined with plastic sheeting to contain and loose debris and wastes generated during cleaning/painting.
- Paint to be applied with a brush to limit quantities in use and to prevent excess paint falling to ground/into water.
- All materials and equipment will be stored more than 10m from watercourse.

- Works to be carried out a low tides.
- Site supervisor to sign up to flood warnings and work to be re-assessed/stopped in adverse weather conditions.
- Work activities will be limited to daylight hours to minimise disturbance to species and their habitat. If protected species are seen during works they will remain undisturbed and an ecologist will be contacted.
- CHECK-CLEAN-DRY procedure will be implemented to prevent spread of invasive species.
- Working areas will be kept clean and free from litter
- All wastes will be removed from site and disposed of correctly; following Waste Duty of Care checks.

5. Additional Information

Please list any additional information that may help with the application:

- *Consents/permissions required*
- *List of plans or drawings attached to method statement*
- *Emergency procedures*
- *Contact details*

The following Amco Giffen internal guidance shall be used when managing an environmental incident:-

- HS15 – Emergency preparedness and response
    - GEEMS (Guidance for Environmental Emergency Management on Site)
        - 1 – General
        - 2 - Spillage
        - 3 – Nuisance Complaints
        - 4 – Protected Sites, Species and Structures

Third Party Response Companies
Adler and Allan shall provide emergency response where a pollution event is beyond Amco Giffen ability to contain or clean up.

• *Environmental Emergency Response*	*Adler and Allan*	***0800 592827***
• *Ecologist*	*Whitcher Wildlife*	***01226 753271***

6. Customer details

Signature: 

Full name: Fiona Bussell

Organisation name (where appropriate): Amalgamated Construction Ltd.

Contact e mail: Fiona.bussell@amcogiffen.co.uk

Contact phone number: 07557 540036