



## **Compliance Inspection Checklist Solvents Sector**

Pollution Prevention and Control Act 1999  
Environmental Permitting (England and Wales) Regulations 2010

|  |   |                                     |   |
|--|---|-------------------------------------|---|
| Company Name:  | BAE Systems Submarine Solutions                   |                                     |   |
| Address of Premises:                                   | Bridge Road, Barrow-in-Furness, Cumbria. LA14 1AF |                                     |   |
| Site Contact:  | Damon Pearson                                     | Date :                              | 05 <sup>th</sup> March 2015   |
| Inspectors:  | Geoff Dowker                                      | Time:                               | 10.00am- 12.00pm  |
| Reason for Inspection:                                 | Annual Inspection and Risk Assessment             |                                     |   |
| <b>Information required by the regulator</b>           |   |                                     |   |
|  | <b>Yes</b>  | <b>No</b>                           | <b>Comments</b>   |
| Notify 7 days before annual monitoring                 | <input checked="" type="checkbox"/>               | <input type="checkbox"/>            | Protocol Received on 27 <sup>th</sup> May 2014  |
| Annual monitoring results received within 8 weeks      | <input checked="" type="checkbox"/>               | <input type="checkbox"/>            | Submitted on 20 <sup>th</sup> August 2014   |
| Annual Solvent Management Plan received                | <input checked="" type="checkbox"/>               | <input type="checkbox"/>            | Received on 6 <sup>th</sup> January 2015  |
| Report on review of cleaning operations                | <input checked="" type="checkbox"/>               | <input type="checkbox"/>            |   |
| <b>Emissions</b>                                       |   |                                     |   |
|  | <b>Yes</b>  | <b>No</b>                           | <b>Comments</b>   |
| Compliant with all relevant emission limits            | <input checked="" type="checkbox"/>               | <input type="checkbox"/>            |   |
| Releases to air free from persistent visible emissions | <input checked="" type="checkbox"/>               | <input type="checkbox"/>            |   |
| Offensive odour beyond boundary                        | <input type="checkbox"/>                          | <input checked="" type="checkbox"/> |   |
| <b>Monitoring, Investigations &amp; Recording</b>      |   |                                     |   |
|  | <b>Yes</b>  | <b>No</b>                           | <b>Comments</b>   |
| Available and up to date                               | <input checked="" type="checkbox"/>               | <input type="checkbox"/>            | Individual paint shops using less than 1kg per person per day need generic recording forms.   |
| Compliance with reduction scheme                       | <input checked="" type="checkbox"/>               | <input type="checkbox"/>            |   |
| Annual emissions testing                               | <input checked="" type="checkbox"/>               | <input type="checkbox"/>            | Completed on 30 <sup>th</sup> June- 4 <sup>th</sup> July 2014. Extra Date of 8 <sup>th</sup> August 2014 included due to production issues, i.e. not able to monitor in |

Paint Cell 2 in the DDH due to shot blasting currently taken place. Therefore request to extend submission date granted.

Adverse results recorded

Maintenance work recorded

Abnormal emissions / events

**Control Techniques**      **Yes**    **No**    **Comments**

Adequate solvent storage

Solvent spillage and containment equipment

Adequate waste storage

High standard of housekeeping   Inspected during risk assessment.

**Management Systems**      **Yes**    **No**    **Comments**

Written maintenance programme

Staff training programme

Record of training received by each person   This includes Redhall employee contractors.

**Compliant**      **Yes**    **No**    **Comments**

If no, what corrective action is required

**Other observations**

- BAE is currently going through a development stage, as part of the redevelopment- their will be the construction of a new paint facility and other ancilliary buildings. This will require stack height calculations.
- Permit will be varied to reflect Redhall's move into the main DDH building D26. This building will also contain a brush cleaning unit.
- Temporoary Enclosure erected in NAS on Unit 6/7 for shot blasting and spray painting. Monitoring of the NAS was carried out in July 2014. Dismantled on 2<sup>nd</sup> March 2015.
- Request was made for information pertaining to EPTR reporting for DEFRA. New susseccsor Class submarines will be in access of 100m in length therefore EPTR reporting will apply.
- Redhall should have finished in the Contractors self contained paint mixing facility by late March 2015.
- Re-surfacing of pedestrian walkways was occuring on day of inspection, high odour content of paint.
- Temporoary enclosure erected around submarine at berth. Mr Pearson queried permit conditions relating to extract on vessel when 'touch-up' processes are occuring.
- On inspection of paint shops, daily usage taken down in 'note scratch pads', a proper recording of usage should be sought in a generic form for the site. i.e. same form for paint shops obtainable and returnable once completed.