

## Compliance Assessment Report

Report ID:  
CAR\_NRW0031571

This form will report compliance with your permit as determined by an NRW officer

|                              |                                 |             |            |     |       |
|------------------------------|---------------------------------|-------------|------------|-----|-------|
| Site                         | Magor Brewery EPR/BX7282IS      | Permit Ref  | BX7282IS   |     |       |
| Operator/Permit holder       | AB InBev UK Ltd                 |             |            |     |       |
| Regime                       | Installations                   |             |            |     |       |
| Date of assessment           | 07/04/2017                      | Time in     | 10:00      | Out | 11:30 |
| Assessment type              | Check Monitoring/Sampling       |             |            |     |       |
| Parts of the permit assessed | Emissions to air                |             |            |     |       |
| Lead officer's name          | Willey, David                   |             |            |     |       |
| Accompanied by               |                                 |             |            |     |       |
| Recipient's name/position    | Kathryn Fowler/ Quality Manager | Date issued | 03/05/2017 |     |       |

### Section 1 – Compliance Assessment Summary

This is based on the requirements of the permit under the Environmental Permitting Regulations or the licence under the Water Resources Act 1991 as amended by the Water Act 2003. A detailed explanation is captured in "Compliance Assessment Report Detail" (Section 2) and any actions you may need to take are given in the "Action(s)" (section 4). This summary details where we believe any non-compliance with the permit has occurred, the relevant condition and how the non-compliance has been categorised using our Compliance Classification Scheme (CCS). CCS Scores can be consolidated or suspended where appropriate, to reflect the impact of some non-compliances more accurately. For more details of our CCS scheme, contact your local office.

| Permit conditions and compliance summary | CCS Category | Condition(s) breached |
|------------------------------------------|--------------|-----------------------|
|------------------------------------------|--------------|-----------------------|

**KEY:** See Section 5 for breach categories, suspended scores will be indicated as such.

**A** = Assessed or assessed in part (no evidence of non-compliance), **X** = Action only,

**O** = Ongoing non-compliance, not scored.

|                             |   |                                                              |   |
|-----------------------------|---|--------------------------------------------------------------|---|
| Number of breaches recorded | 0 | Total compliance score<br>(see section 5 for scoring scheme) | 0 |
|-----------------------------|---|--------------------------------------------------------------|---|

If the Number of breaches recorded is greater than zero, please see Section 3 for our proposed enforcement response

## Section 2 – Compliance Assessment Report Detail

This section contains a report of our findings and will usually include information on:

- The part(s) of the permit that were assessed (eg. Maintenance, training, combustion plant, etc)
- Where the type of assessment was 'Data Review' details of the report/results triggering the assessment
- Any non-compliances identified
- Any non-compliances with directly applicable legislation
- Details of any multiple non-compliances
- Information on the compliance score accrued inc.
- Details of advice given
- Any other areas of concern
- Any actions requested
- Any examples of good practice
- A reference to photos taken

### AB InBev – site visit 7th April 2017

NRW attended site to gain an understanding of the new FLU-ACE Heat Recovery System that is currently being installed and will be undergoing commissioning imminently.

The system condenses the steam from the exhaust gas and recovers the heat to pre-heat the water to the steam generators by up to 63°C, saving approximately 20% of the annual gas bill.

Combustion air exiting the stacks is recovered to heat cold water and feed into the boilers used on site. The release will require a forced air flow to aid dispersion as the temperature will be around 50°C. This will in turn require less fossil fuels to be consumed.

The new stack needs to be incorporated into the permit as this is a new emission point to air. During the site meeting it was discussed that commissioning of the equipment is imminent with the unit to come on line soon after. A permit variation has not been received for this new stack and needs to be prioritised. The level of variation required depends on the level of impact upon the environment. Page 19 to 22 of the natural resource Wales Charging Scheme discusses the different types of variation.

### *Charging scheme 2017/18*

[https://naturalresources.wales/media/681410/draft-2017-new-charge-guidance-17\\_18.pdf](https://naturalresources.wales/media/681410/draft-2017-new-charge-guidance-17_18.pdf)

**ACTION:** The permit variation needs to address the following:

1) After discussions on site there are a few scenarios that need to be considered:

- a) the new Flu-Ace running independently with a small flow going through the existing stack (normal operating scenario)
- b) the new Flu-Ace and the existing stack both running at 50% (if applicable)
- c) a comparison of the old process and the new process demonstrating impact

There is some useful advice and tools available:

<https://www.gov.uk/government/collections/risk-assessments-for-specific-activities-environmental-permits>

2) The assessment needs to consider the new emission point with associated Emission Limit Values (ELVs). The impact from the existing stack will remain the same as currently permitted and will serve as backup in case the FLU-ACE fails.

3) Consideration needs to be given to the height of the new stack and its effect on dispersion. The temperature at the point of emission will be reduced but with the forced flow should provide adequate dispersion. This needs to be demonstrated through a risk assessment.

An assessment for deriving stack height has been undertaken but has not followed the requirements of H1.

4) The stack needs to have appropriate sampling ports in line with the requirements of M1.

<https://www.gov.uk/government/publications/m1-sampling-requirements-for-stack-emission-monitoring>

**ACTION:** Confirm whether the process will be direct or in-direct heat recovery. If direct how ensure water quality is clean enough for the process.

**ACTION:** With the permit variation a revised site boundary should be submitted to include the new storage areas and any other changes that may be in the pipeline.

**End.**

## EPR Compliance Assessment Report

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|                        |                            |            |            |
|------------------------|----------------------------|------------|------------|
| Site                   | Magor Brewery EPR/BX7282IS | Permit Ref | BX7282IS   |
| Operator/Permit holder | AB InBev UK Ltd            | Date       | 07/04/2017 |

### Section 3 – Enforcement Response

You must take immediate action to rectify any non-compliance and prevent repetition. Non-compliance with your permit conditions constitutes an offence and can result in criminal prosecutions and/or suspension or revocation of a permit. Please read the detailed assessment in Section 2 and the steps you need to take in Section 4 below.

### Section 4 – Action(s)

This section summarises the actions identified during the assessment along with the timescales for when they will need to be completed.

| Criteria Ref.       | CCS Category | Action required/advised | Due Date |
|---------------------|--------------|-------------------------|----------|
| See Section 1 above |              |                         |          |

## Section 5 – Compliance notes for the Operator

To ensure you correct actual or potential non-compliance we may

- Advise on corrective actions verbally or in writing
- Require you to take specific actions verbally or in writing
- Issue a notice
- Require you to review your procedures or management system
- Change some of the conditions of your permit
- Decide to undertake a full review of your permit

Any breach of a permit condition is an offence and we may take legal action against you

- We will normally provide advice and guidance to assist you to come back into compliance either after an offence is committed or where we consider that an offence is likely to be committed. This is without prejudice to any other enforcement response that we consider may be required.
- Enforcement action can include the issue of a formal caution, prosecution, the service of a notice and/or suspension or revocation of the permit.

**See our Enforcement and Civil Sanctions guidance for further information**

This report does not relieve the site operator of the responsibility to

- Ensure you comply with the conditions of the permit at all times and prevent pollution of the environment
- Ensure you comply with other legislative provisions which may apply

### Non-compliance scores and categories

| CCS category | Description                                                          | Score |
|--------------|----------------------------------------------------------------------|-------|
| C1           | A non-compliance that could have a major environmental effect        | 60    |
| C2           | A non-compliance which could have a significant environmental effect | 31    |
| C3           | A non-compliance which could have a minor environmental effect       | 4     |
| C4           | A non-compliance which has no potential environmental effect         | 0.1   |

**Operational Risk Appraisal (Opra)** - Compliance assessment findings may affect your Opra score and/or your charges. This score influences the resource we use to assess permit compliance.

## Section 6 – General information

### Data protection notice

The information on this form will be processed by the Natural Resources Wales (NRW) to fulfil its regulatory and monitoring functions and to maintain the relevant public register(s). The NRW may also use and/or disclose it in connection with:

- Offering/providing you with its literature/services relating to environmental matters
- Consulting with the public, public bodies and other organisations (eg. Health and Safety Executive, local authorities) on environmental issues
- Carrying out statistical analysis, research and development on environmental issues
- Providing public register information to enquirers
- Investigating possible breaches of environmental law
- Assessing customer service satisfaction and improving its service
- Freedom of Information Act/Environmental Regulations request

The NRW may pass it on to its agents/representatives to do these things on its behalf. You should ensure that any persons named on this form are informed of the contents of this data protection notice.

### Disclosure of information

The NRW will provide a copy of this report to the public register(s). However, if you consider that any information contained in this report should not be released to the public register(s) on the grounds of commercial confidentiality, you must write to your local area office within fifteen working days of receipt of this form indicating which information it concerns and why it should not be released, giving your reasons in full.

### Customer charter

#### What can I do if I disagree with this compliance assessment report?

If you are unable to resolve the issue with your site officer, you should firstly discuss the matter with officer's line managers using the informal appeals procedure. If you wish to raise your dispute further through our official Complaints and Commendations procedure, phone our general enquiry number 0300 065 3000 (Mon to Fri 08.00 – 18.00) and ask for the Customer Contact team or send an email to [enquiries@naturalresourceswales.gov.uk](mailto:enquiries@naturalresourceswales.gov.uk). If you are still dissatisfied you can make a complaint to the Public Services Ombudsman for Wales. For advice on how to complain to the Ombudsman phone their helpline on 0845 607 0987.

#### Welsh Language

If you would like this form in Welsh please contact your Regulatory Officer.