

Schedule 1 – Notification of Abnormal Emissions

Part A

Permit Number	BX27821S
Name of Operator	InBev UK Ltd
Location of the Installation	Magor
Location of the Emission	Magor Brewery – Boiler House
Time and Date of Emission	Sunday 15 th July 2018, approx. 10pm.

Substance(s) emitted	Media	Best estimate of the quantity or rate of Emission	Time during which the emission took place
Noise	Sound	Unclear of the Db as no measurement taken due to short span of emission	Sunday 15 th July 2018, approx. 10pm. Duration 5 minutes

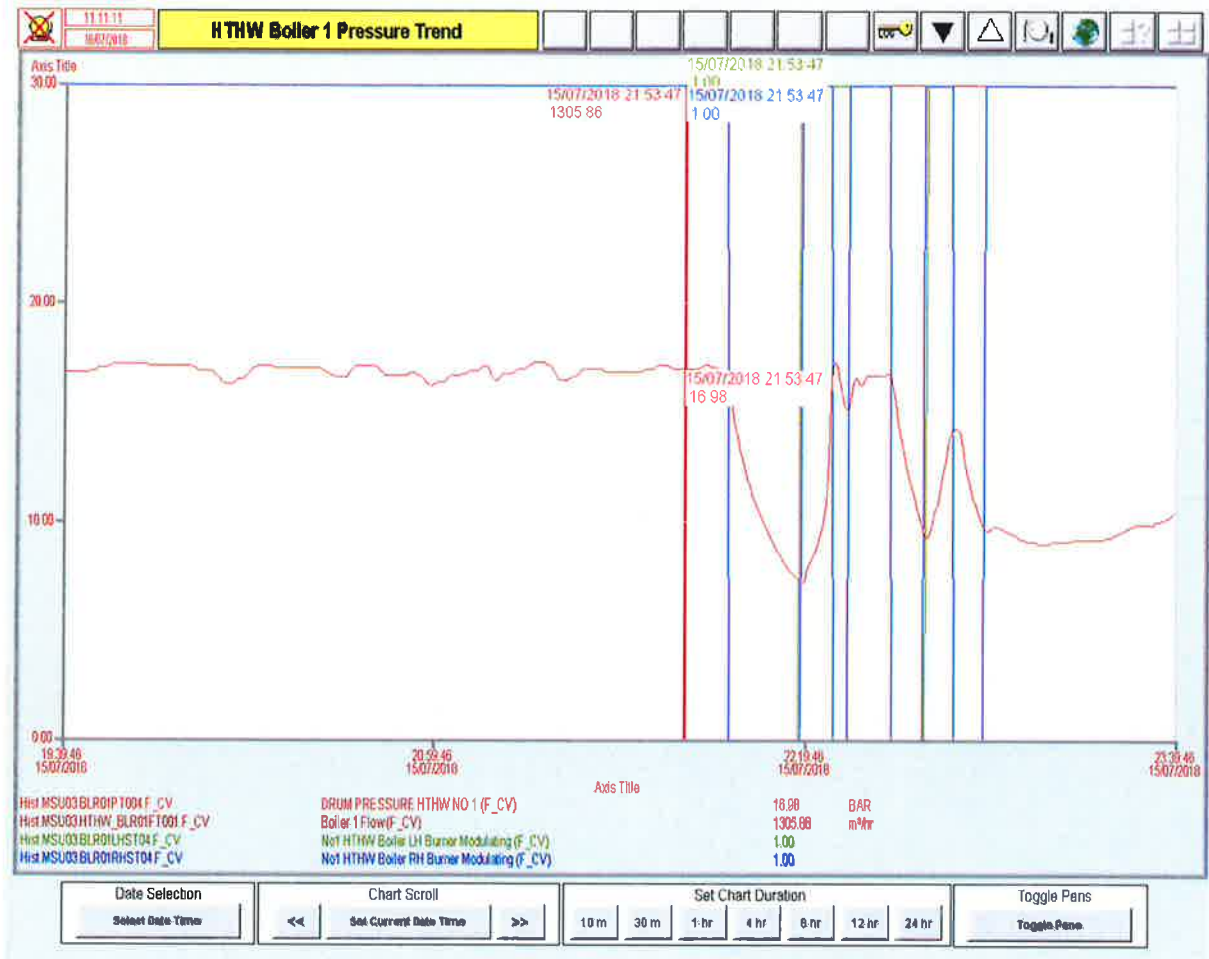
Measures taken or intended to be taken to stop the emission	The incident was witnessed and immediately reacted to by the Boiler Operator on shift at the time. 15th July 2018 The actions taken as a result of the loud noise was: The operator immediately checked physical location and established it was HTHW Boiler 1 Turned off the 2 burners to Boiler 1 Checked the physical gauge to ensure pressure decreasing Switched to Boiler 2 Left boiler off until day shift when investigation by the Utilities Management Team to establish root cause. 16th July 2018 Specialists investigated trends and saw a steady 16-17 Bar well within operating limits (Annex A) Went to the pressure stack manifold shut isolation valve A and opened valve B to relieve pressure, reversed the process, closed Valve B and opened Isolation valve A to increase pressure and saw no increase which indicated a block in the ½ inch supply pipework to the manifold. (Annex B) Boiler drained and pipework removed and blockage cleared. The boiler is now operating effectively and controlling at 17.5 Bar
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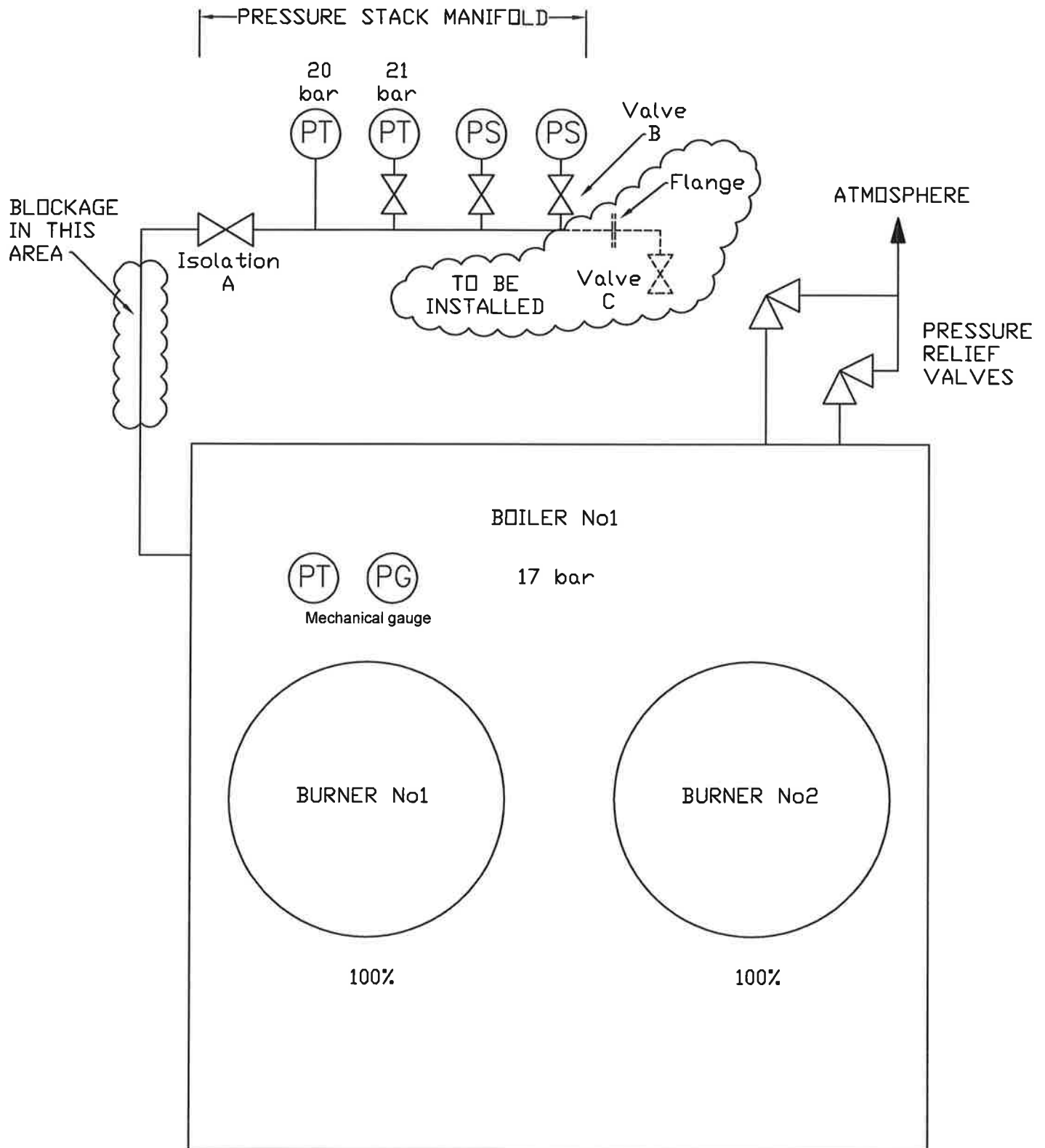
Part B

Any more accurate information on the matters for notification under Part A	.
Measures taken or intended to be taken to prevent a recurrence of the incident	- Boiler Operators to do 2 hourly checks between mechanical gauge and HMI gauge reading from the manifold (Completed) Annex C - Annual Planned maintenance routine on SAP updated to include removal of supply pipe to manifold and any build up cleared (completed) Annex D - Drain Valve C to be added later this year Annex B
Measures taken or intended to be taken to rectify limit or prevent any pollution to the environment or harm which has been or may be caused by the emission	
The dates of any unauthorised emissions from the installation in the preceding 24 months	Nil

Name*	Kevin Anthony
Post	ES Technician
Signature	
Date	18/07/18

*Authorised to sign on behalf of InBev UK Ltd.





DAILY BOILER TESTS

Boiler No. W/E
Last day of month

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
1 Water gauges tested																														
2 Level RH glass																														
3 Level LH glass																														
4 Auto water level test																														
5 Feed pump working																														
6 Firing stopped																														
7 Alarm sounded																														
8 Independent low water alarm tested																														
9 Firing stopped and locked out																														
10 Alarm sounded																														
11 Tested at (time)																														
12 Left in order at (time)																														
13 Boiler pressure gauge reading																														
14 Stack CO ₂ Hi fire and efficiency																														
15 Stack CO ₂ Lo fire and efficiency																														
16 Burner hours run RH																														
17 Burner hours run LH																														
18 Tested by (Initials)																														
19 Observation																														
20 Boiler pressure Checks (Physical vs SCADA)																														

Notes: To be completed by duty Technician:- Tick squares to indicate satisfactory completion of daily checks

Cross squares to indicate satisfactory completion of weekly checks

Line 20 – Please complete this check shiftily. This is introduced due to the issue on 15th July 2018 where the line to the pressure stack manifold was giving a false reading and it opened the pressure relief valves on Boiler 1 and we received a noise complaint via NRW

Order: 36636183	Description: PSG 1YR MECH BOILER 1 STATUTORY TEST	Start Date: 16.11.2018
Order Type: ZM03	Barcode No. 	End Date: 16.11.2018

Priority: Essential	Functional Location: GB01382200-35 - BOILER 1, HTHW, BOILERHOUSE, UTILITIES
System Status: REL PRT MANC NMAT PRC SETC	Equipment:
User Status: NPLN	Main Work Center: CONT
Planner Group: 050	Maintenance Activity Type: Pressure Testing
Changed By: JONESCH2	System Condition:
Safety Compliance:	

Oper. Postn.	Description	Oper. Type	Plnd. Time	Start Date	Work Center	Chk
0010		PM01	0.0	16.11.2018	MECH	

1. OBTAIN ACCESS PERMIT BEFORE STARTING WORK.
2. DE-ISOLATE ALL SERVICES TO BOILER.
3. REMOVE MANIFOLD PIPEWORK & ENSURE NO BLOCKAGES (THIS WILL AVOID THE SIGNAL TO THE BURNERS BEING LOST & THE SAFETY VALVES LIFTING WHILE IN OPERATION).
3. ALL VALVES TO BE CHECKED & REFURBISHED WHERE NECESSARY (CERTIFICATES TO BE STORED IN SAP)
4. BOILER TO BE FILLED AND SLOW WARM UP.
5. FLOAT SAFETY VALVES AND INSPECTION OF BOILER (ENG.MANAGER)
6. BOILER RETURNED TO SERVICE BOILER SAFETY VALVES FLOAT AT 22.0 BAR AND 22.5 BAR SECONDARY IF REMOVED FOR OVERHAUL 16.5 BAR.

Oper. Postn.	Personnel Num	Remarks

WO COMPLETED

Date: ____ / ____ / ____

Signature:

Name: