




Annual Audit Compliance Report form

Environmental Protection Act 1986, Part V

Section A – Licence Details			
Licence number:	4511/1967/13	Licence file number:	L4511/1967/13
Company name:	Boral Bricks Western Australia Pty Ltd		
Trading as:	Midland Brick		
ACN:	008 674 244		
Registered Address:	Level 3 40 Mount Street NORTH SYDNEY NSW 2060		
Reporting period:	01/07/2017 to 30/06/2018		

Section B – Statement of Compliance with Licence Conditions
Did you comply with all of your licence conditions during the reporting period? (please tick the appropriate box)
<input type="checkbox"/> Yes – please sign the declaration in Section C
<input checked="" type="checkbox"/> No – please sign the declaration in Section C and proceed to Section D

Section C – Declaration			
I/We declare that the information in this Annual Audit Compliance Report is true and correct and is not false or misleading in a material particular ¹ . I/We consent to the Annual Audit Compliance Report being published on the Department of Environment Regulation's (DER) website.			
Signature:		Signature:	
Name: (printed)	Greg Smith	Name: (printed)	
Position:	General Manager	Position:	
Seal (if signing under seal):			

AACRs can only be signed by the licensee or an authorised person with the legal authority to sign on behalf of the licensee.

¹ It is an offence under section 112 of the *Environmental Protection Act 1986* for a person to give information on this form that to their knowledge is false or misleading in a material particular.

Section D – Details of Non-Compliance with Licence Condition			
Please use a separate page for each condition with which the licensee was non-compliant at a time during the reporting period.			
Condition no:	2.2.1	Date(s) of non-compliance:	17/04/2018 19/04/2018
Details of non-compliance:			
<p>Fresh lime feed screw in scrubber snapped part way along shaft, motor continued to operate. Screw auger replaced with spare parts, weld protrusion appears to have caused screw to unwind inside casing. In both events, kiln was put to idle as soon as feed interruption identified. Emission levels detected at 160 mg/m³ of HCl, against a licence limit of 100 mg/m³ (not adjusted to 18% oxygen).</p>			
What was the actual (or suspected) environmental impact of the non-compliance?			
<p>NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.</p>			
Nil recorded impact.			
Cause (or suspected cause) of non-compliance:			
<p>Event 1: screw snapped and cause was not identified immediately as system showed motor output within expected range and visual inspection showed screw turning. Screw had been in service since 2009 with no previous structural faults.</p> <p>Event 2: it appears that a protruding weld on the replacement screw caught inside casing, unwinding screw auger (mild steel). Motor continued to turn and provide expected outputs.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<p>Kiln placed in idle as soon as concern identified to reduce emissions. Increased manual monitoring of emissions following replacement.</p> <p>Screw design modified to stronger manufactured version. Zero speed switch installed on screw end opposite to motor. Training provided to Shift Supervisors to identify system faults vs screw faults. Replacement of CEMS capital expenditure prioritised for FY19</p>			
Was this non-compliance previously reported to DER?			
<input checked="" type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DER in writing		Date: 19/04/2018	

Section D – Details of Non-Compliance with Licence Condition			
Please use a separate page for each condition with which the licensee was non-compliant at a time during the reporting period.			
Condition no:	2.2.1	Date(s) of non-compliance:	11/04/2018
Details of non-compliance:			
<p>Stack 10 Emission Exceedance</p> <p>Emission levels detected at 120 mg/m³ of HCl, against a licence limit of 100 mg/m³.</p>			
What was the actual (or suspected) environmental impact of the non-compliance?			
<p>NOTE – please attach maps or diagrams to provide insight into the precise location of where the non-compliance took place.</p>			
Nil recorded impact.			
Cause (or suspected cause) of non-compliance:			
<p>Suspected cause was drift of CEMS calibration from acceptable range. Calibrations were undertaken as per supplier/manufacturer requirements, however CEMS readings were inconsistent with stack test results.</p> <p>Recent power interruptions to the area may have affected calibration of the system.</p>			
Action taken to mitigate any adverse effects of non-compliance and prevent recurrence of the non-compliance:			
<p>System recalibrated following each power interruption</p> <p>Minimum lime feed levels increased</p> <p>Training provided to kiln operators on expected readings</p> <p>CEMS replacement capital expenditure prioritized for FY19. Kiln 11 system will be installed first and tested to ensure suitable operation/calibration and service systems are provided.</p>			
Was this non-compliance previously reported to DER?			
<input checked="" type="checkbox"/> Yes, and			
<input type="checkbox"/> Reported to DER verbally		Date: / /	
<input checked="" type="checkbox"/> Reported to DER in writing		Date: 09/05/2018	