

Transitional National Plan Annual Verification Report (v1.0)				TNP YEAR	0 (Q1 2016)		
TNP Species: NO _x or SO ₂ or Dust	SO₂	ELV¹: (mg/m ³)	440	LCP: (TNP ref.)	283		
Process Operator: RWE Generation UK plc			Permit No:		RP3133LD		
Address: Aberthaw Power Station, The Leys, Aberthaw, Near Barry, Vale of Glamorgan, CF62 4ZW			TNP Contact:		Amy Lavisher		
			Tel No:		01446 752270		
			Email:		amy.lavisher@rwe.com		
EN 15259 (Representative Sampling)							
EN 15259: (PASS/FAIL)		PASS		Test Date(s):		2nd June 2010	
Non-Compliances: (including stratification factors if applied in addition to QAL2 factors)							
QAL1 (Instrument Suitability)							
Make/Model: Pulsi 200 Series				MCERTS: Yes (Y/N)		MC990 006/07	
Manufacturer: Procal				Sample Type ² :		In-Situ IR	
QAL2 (Calibration)³ Low Range							
LCP unit within windshield or Instrument number:	-	Unit 7	Unit 8	Unit 9			
QAL2 Factors: b (gradient) ⁴	-	1.082	0.98	1.078			
a (offset)	mg/m ³	-6.1	-1.9	0.536			
Test date	-	Mar-09	Oct-09	Mar-13			
Date applied ⁵	-	18/08/2009	08/03/2010	14/02/2014			
Variability ⁶	mg/m ³	9.37	6.28	5.9			
VCR from test data ^{7a}	mg/m ³	440	440	254			
VCR extended (if applicable) ^{7b}	mg/m ³	749.3	677.8	576			
Second QAL2 (Calibration) High Range							
QAL2 Factors: b (gradient) ⁴	-	0.952	0.984	1.049			
a (offset)	mg/m ³	7.158	-1.8	-0.9			
Test date	-	01/12/2011	Oct-09	Jul-09			
Date applied ⁵	-	06/03/2012	08/03/2010	10/11/2009			
Variability ⁶	mg/m ³	14.12	6.3	5.22			
VCR from test data ^{7a}	mg/m ³	2302.4	440	440			
VCR extended (if applicable) ^{7b}	mg/m ³	2822.1	2781	2940.6			
AST (Annual Surveillance Test) High Range							
LCP units within windshield:	-	Unit 7	Unit 8	Unit 9	Unit 7	Unit 8	Unit 9
Test date	-	05/03/2015	03/03/2015	10/03/2015			
Variability ⁶	mg/m ³	14.2	16.24	15.54			
Validity (Mean Deviation) ⁶	mg/m ³	44.9	44.9	44.9			
VCR extended (if applicable) ^{7c}	mg/m ³	n/a	n/a	n/a			
QAL3 (Ongoing Drift Checks)							
Frequency ⁸ :	Every	Daily Zero	Daily Zero	Daily Zero	Weekly Span	Weekly Span	Weekly Span
Alarm (Action) Limit:	ppm	30.8	30.8	30.8	30.8	30.8	30.8
Warning Limit:	ppm	7.7	7.7	7.7	15.4	15.4	15.4
Signature: A. Lavisher						Date: 22/3/2016	

Transitional National Plan Annual Verification Report (v1.0)				TNP YEAR	0 (Q1 2016)		
TNP Species: NO _x or SO ₂ or Dust	NO_x	ELV¹: (mg/m ³)	1080	LCP: (TNP ref.)	283		
Process Operator: RWE Generation UK plc			Permit No:		RP3133LD		
Address: Aberthaw Power Station, The Leys, Aberthaw, Near Barry, Vale of Glamorgan, CF62 4ZW			TNP Contact:		Amy Lavisher		
			Tel No:		01446 752270		
			Email:		amy.lavisher@rwe.com		
EN 15259 (Representative Sampling)							
EN 15259: (PASS/FAIL)		PASS		Test Date(s):		2nd June 2010	
Non-Compliances: (including stratification factors if applied in addition to QAL2 factors)							
QAL1 (Instrument Suitability)							
Make/Model: Pulsi 200 Series					MCERTS: Yes MC990 (Y/N) 006/07		
Manufacturer: Procal					Sample Type ² : In-Situ IR		
QAL2 (Calibration)³							
LCP unit within windshield or Instrument number:	-	Unit 7	Unit 8	Unit 9			
QAL2 Factors: b (gradient) ⁴	-	1.047	1.071	1.132			
a (offset)	mg/m ³	4.752	-3.657	9.101			
Test date	-	Sep-13	Mar-13	Mar-13			
Date applied ⁵	-	14/03/2015	21/05/2014	19/04/2014			
Variability ⁶	mg/m ³	12.91	14.93	18.91			
VCR from test data ^{7a}	mg/m ³	1202	1263	1244			
VCR extended (if applicable) ^{7b}	mg/m ³	1634.5	1652	1649			
Second QAL2 (Calibration) (if applicable)							
QAL2 Factors: b (gradient) ⁴	-						
a (offset)	mg/m ³						
Test date	-						
Date applied ⁵	-						
Variability ⁶	mg/m ³						
VCR from test data ^{7a}	mg/m ³						
VCR extended (if applicable) ^{7b}	mg/m ³						
AST (Annual Surveillance Test)							
LCP units within windshield:	-	Unit 7	Unit 8	Unit 9	Unit 7	Unit 8	Unit 9
Test date	-	05/03/2015	03/03/2015	10/03/2015			
Variability ⁶	mg/m ³	30.38	24.05	9.04			
Validity (Mean Deviation) ⁶	mg/m ³	123.47	123.47	123.47			
VCR extended (if applicable) ^{7c}	mg/m ³	n/a	n/a	n/a			
QAL3 (Ongoing Drift Checks)							
Frequency ⁸ :	Every	Daily Zero	Daily Zero	Daily Zero	Weekly Span	Weekly Span	Weekly Span
Alarm (Action) Limit:	ppm	100.3	100.3	100.3	100.3	100.3	100.3
Warning Limit:	ppm	25.1	25.1	25.1	50.2	50.2	50.2
Signature: A. Lavisher						Date: 22/3/2016	

Transitional National Plan Annual Verification Report (v1.0)				TNP YEAR	0 (Q1 2016)		
TNP Species: NO _x or SO ₂ or Dust	Dust	ELV¹: (mg/m ³)	35	LCP: (TNP ref.)	283		
Process Operator: RWE Generation UK plc			Permit No:		EPR/RP3133LD		
Address: Aberthaw Power Station, The Leys, Aberthaw, Near Barry, Vale of Glamorgan, CF62 4ZW			TNP Contact:		Amy Lavisher		
			Tel No:		01446 752270		
			Email:		amy.lavisher@rwe.com		
EN 15259 (Representative Sampling)							
EN 15259: (PASS/FAIL)		PASS		Test Date(s):		2nd June 2010	
Non-Compliances: (including stratification factors if applied in addition to QAL2 factors)							
QAL1 (Instrument Suitability)							
Make/Model: OMD41				MCERTS: Yes MC040 (Y/N) 042/01			
Manufacturer: Erwin Sick				Sample Cross Duct Type ² : forward scatter			
QAL2 (Calibration)³							
LCP unit within windshield or Instrument number:	-	Unit 7	Unit 8	Unit 9			
QAL2 Factors: b (gradient) ⁴	-	1.433	1.208	1.52			
a (offset)	mg/m ³	0.6	-0.303	-0.099			
Test date	-	Mar-09	Mar-09	Mar-13			
Date applied ⁵	-	26/03/2010	14/02/2014	12/02/2014			
Variability ⁶	mg/m ³	1.54	0.83	7.97			
VCR from test data ^{7a}	mg/m ³	31.5	25.8	80.6			
VCR extended (if applicable) ^{7b}	mg/m ³	55	55	55			
Second QAL2 (Calibration) (if applicable)							
QAL2 Factors: b (gradient) ⁴	-						
a (offset)	mg/m ³						
Test date	-						
Date applied ⁵	-						
Variability ⁶	mg/m ³						
VCR from test data ^{7a}	mg/m ³						
VCR extended (if applicable) ^{7b}	mg/m ³						
AST (Annual Surveillance Test)							
LCP units within windshield:	-	Unit 7	Unit 8	Unit 9	Unit 7	Unit 8	Unit 9
Test date	-	05/03/2015	03/03/2015	10/03/2015			
Variability ⁶	mg/m ³	2.74	3.32	15.2			
Validity (Mean Deviation) ⁶	mg/m ³	8.42	8.42	8.42			
VCR extended (if applicable) ^{7c}	mg/m ³	n/a	n/a	n/a			
QAL3 (Ongoing Drift Checks)							
Frequency ⁸ :	Every	Daily Zero	Daily Zero	Daily Zero	Weekly Span	Weekly Span	Weekly Span
Alarm (Action) Limit:	%	2.4	2.4	2.4	2.4	2.4	2.4
Warning Limit:	%	1.0	1.0	1.0	1.5	1.5	1.5
Signature: A. Lavisher						Date: 22/3/2016	

Transitional National Plan Annual Verification Report (v1.0)				TNP YEAR	0 (Q1 2016)
Peripheral Species: O ₂ or H ₂ O (if applicable)	O2	ELV¹: (%)	6	LCP: (TNP ref.)	283
Process Operator: RWE Generation UK plc			Permit No:	RP3133LD	
Address: Aberthaw Power Station, The Leys, Aberthaw, Near Barry, Vale of Glamorgan, CF62 4ZW			TNP Contact:	Amy Lavisher	
			Tel No:	01446 752270	
			Email:	amy.lavisher@rwe.com	
EN 15259 (Representative Sampling)					
EN 15259: (PASS/FAIL)			Test Date(s):		
Non-Compliances: (including stratification factors if applied in addition to QAL2 factors)					
QAL1 (Instrument Suitability)					
Make/Model: ZFG2				MCERTS: Yes (Y/N)	MC 990001/ 03
Manufacturer: ABB				Sample Type ² :	In situ
QAL2 (Calibration)³					
LCP unit within windshield or Instrument number:	-	Unit 7	Unit 8	Unit 9	
QAL2 Factors: b (gradient) ⁴	-	1	1	1	
a (offset)	%	0	0	0	
Test date	-				
Date applied ⁵	-	n/a	n/a	n/a	
Variability ⁶	%				
VCR from test data ^{7a}	%				
VCR extended (if applicable) ^{7b}	%				
Second QAL2 (Calibration) (if applicable)					
QAL2 Factors: b (gradient) ⁴	-				
a (offset)	%				
Test date	-				
Date applied ⁵	-				
Variability ⁶	%				
VCR from test data ^{7a}	%				
VCR extended (if applicable) ^{7b}	%				
AST (Annual Surveillance Test)					
LCP units within windshield:	-	Unit 7	Unit 8	Unit 9	Unit 7
Test date	-				
Variability ⁶	%				
Validity (Mean Deviation) ⁶	%				
VCR extended (if applicable) ^{7c}	%				
QAL3 (Ongoing Drift Checks)					
Frequency ⁸ :	Every				
Alarm (Action) Limit:	%				
Warning Limit:	%				
Signature: A. Lavisher					Date: 22/3/2016

Transitional National Plan Annual Verification Report (v1.0)				TNP YEAR	0 (Q1 2016)		
Peripheral Species: O ₂ or H ₂ O (if applicable)	H2O	ELV¹: (%)	6	LCP: (TNP ref.)	283		
Process Operator: RWE Generation UK plc			Permit No:		RP3133LD		
Address: Aberthaw Power Station, The Leys, Aberthaw, Near Barry, Vale of Glamorgan, CF62 4ZW			TNP Contact:		Amy Lavisher		
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EN 15259 (Representative Sampling)							
EN 15259: (PASS/FAIL)		Test Date(s):					
Non-Compliances: (including stratification factors if applied in addition to QAL2 factors)							
QAL1 (Instrument Suitability)							
Make/Model: Pulsi 200 Series				MCERTS: Yes (Y/N)		MC990 006/07	
Manufacturer: Procal				Sample Type ² :		In situ	
QAL2 (Calibration)³							
LCP unit within windshield or Instrument number:	-	Unit 7	Unit 8	Unit 9			
QAL2 Factors: b (gradient) ⁴	-	n/a	n/a	n/a			
a (offset)	%	n/a	n/a	n/a			
Test date	-						
Date applied ⁵	-	n/a	n/a	n/a			
Variability ⁶	%						
VCR from test data ^{7a}	%						
VCR extended (if applicable) ^{7b}	%						
Second QAL2 (Calibration) (if applicable)							
QAL2 Factors: b (gradient) ⁴	-						
a (offset)	%						
Test date	-						
Date applied ⁵	-						
Variability ⁶	%						
VCR from test data ^{7a}	%						
VCR extended (if applicable) ^{7b}	%						
AST (Annual Surveillance Test)							
LCP units within windshield:	-	Unit 7	Unit 8	Unit 9	Unit 7	Unit 8	Unit 9
Test date	-						
Variability ⁶	%						
Validity (Mean Deviation) ⁶	%						
VCR extended (if applicable) ^{7c}	%						
QAL3 (Ongoing Drift Checks)							
Frequency ⁸ :	Every						
Alarm (Action) Limit:	%						
Warning Limit:	%						
Signature: A. Lavisher						Date: 22/3/2016	