

Software modules for the complete D-EMS 2000 system

D-PM.www

Provision of emission data for person in charge via Internet

D-EFÜ.www

Provision of emission data for the authority via the Internet

D-RWS

Storage of raw values with a resolution of 1 s

D-RED

External redundant storage of measured values and logs

D-EVA-Win

Visualisation software for workstation PCs in customer's data networks

D-PM.MS

Direct access by MS-Excel to the D-EMS 2000 database

D-QAL

Automated calculation of drift and precision, creation of CUSUM cards as well as complete documentation of the AMS. Fulfils the requirements of EN 14181.

D-JEK

Automated creation of emission declaration in accordance with German 11th BImSchV

D-CDM

Certified software for greenhouse gas projects according to UNFCCC methodologies. Meets the requirements of AM 0021, AM 0028, AM 0034, AM 0051 and ACM 0001.

CUSUM - card (EN14181)

Date: 20.08.10 Name of technician: Peter Müller

Type of AMS: Durac Measurement System
 Name: D-4300-03
 Registration number: 123456
 Manufactured/delivered by: DURAG
 Location: Steink-Werke
 Measuring range and unit: 0-100 mg/m³

Zero point		Reference point	
X _{zero}	8.000 mg/m ³	X _{ref}	8.000 mg/m ³
s _{zero}	5.130 mg/m ³	s _{ref}	10.260 mg/m ³
Current	25.000 mg/m ³	Current	8.000 mg/m ³
Δ ₀	24.870 mg/m ³	Δ ₁	-14.380 mg/m ³

Precision

μ ₀	172.800	μ ₁	48.200	μ ₂	441.600	μ ₃	118
σ ₀	205.163	σ ₁		σ ₂	8.430	σ ₃	
σ ₄	205.163	σ ₅		σ ₆	8.430	σ ₇	

Reduced precision? Yes
 Driftcheck can not be done

Drift

μ ₀	14.200	μ ₁	2.800	μ ₂		μ ₃	
σ ₀	23.218	σ ₁	47.375	σ ₂		σ ₃	
σ ₄	23.218	σ ₅	6.000	σ ₆		σ ₇	

Drift? Positive
 Readjustment required

D-QAL

CUSUM control card with detailed information about precision and drift as well as the decision for readjustment

D-QAL: Documentation of AMS

Configuration: [New] [Edit] [Delete] [Close] [Help]

Test Date: #GAA1000 | #GAA1000 | #GAA1000 | #GAA1000 | #GAA1000 | #GAA1000 | #GAA1000 | #GAA1000 | #GAA1000 | #GAA1000

Measurement: [X] CUSUM [Y] [Z] [Time] [Display]

Name of AMS: Durac Measurement System
 Name: D-4300-03
 Registration number: 123456
 Manufactured/delivered by: DURAG
 Location: Steink-Werke
 End of validity: 31.12.2010
 Date of delivery: 31.12.2008
 Date of revision: 31.12.2008
 Serial number: 10410
 Measuring range and unit: 0-100 mg/m³

Card point: 8.000
 Reference point: 8.000
 Current: 25.000
 Difference: 17.000

Control value (normal level): 10.000
 Test point: 8.000
 Reference point: 8.000
 Readjustment: []

Results of 10.08.2010

Card point	Reference point
8.000	8.000
25.000	17.000

End time for report and time diagram: 31.12.2010 | 31.12.10

Project: #GAA1000 | JAZZA
 Name of technician: Peter Müller

D-QAL: Calculation sheet for CUSUM cards

D-EMS 2000

D-EMS CDM Internet Module
 To inform person in charge about the details of current and historical data (measured and evaluated values) as well as the results of all realised campaigns

Monthly Report CDM Project 06.2007

Unit	PRESCR	PRESCR	PRESCR	PRESCR	PRESCR	PRESCR	PRESCR	PRESCR	PRESCR	PRESCR
Channel	0000	0000	0000	0000	0000	0000	0000	0000	0000	0000

Campaign Report CDM-Project AM0034

Stopper	Start	End	Unit	Value	Unit	Value	Unit	Value	Unit	Value	Unit	Value
0.2.000	0.01.2007	0.01.2007	kg	100.0	kg	100.0	kg	100.0	kg	100.0	kg	100.0