AMESA-D

Description of record variables (firmware beginning with P86.020.5)

Startrecord..: S

HUMID.....: Current humidity in flue gas [g/m³]

CO2MAX.....: CO2 upper limit [%]

TRGUGR.....: Flue gas temperature lower limit [°C]

O2OGR.....: O2 upper limit [%]

O2UGR.....: O2 lower limit [%]

VHUGR.....: Flue gas velocity lower limit [m/s]

Start.....: manual, time

End.....: Endmode:

manual, durat, time, onTGVN

DW.....: Effective probe diameter [mm]

QRK.....: Stack cross section [m²]

DRK.....: Stack diameter [m]

Substitutes.: Active substitutes:

F, O2, CO2, TRG, PST, VH

AW.....: Maintenance

lcpres.....: Leak check pressure [hPa]

leakr.....: Leakage rate [m³/h]

Endrecord....: E

MDurat.....: Current measurement duration [h:min]

TGVNMD.....: Sample gas volume norm MFC [dry.m³]

TGVNMD.....: Sample gas volume norm MFC [hum.m³]

TGVNGU.....: Sample gas volume norm gasmeter [dry.m³]

TGVNGU.....: Sample gas volume norm gasmeter [hum.m³]

CONVOL.....: Entire condensate volume of sampling [l]

BDFAKT.....: Mean operating density factor gasmeter of entire sampling

MH2ORG.....: Mean H2O in flue gas of entire sampling [g/m³]

MO2.....: Mean O2 in flue gas of entire sampling [%]

MCO2.....: Mean CO2 in flue gas of entire sampling [%]

Paramacctime: Time of last parameter change

End.....: Reason:

manual, durat, time, RC com, TGVN

NEV.....: Number of events during sampling

Substitutes.: Active substitutes:

F, O2, CO2, TRG, PST, VH

AW.....: Maintenance

AVS1.....: 1 of actual sampling [%]

AVS2.....: 2 of actual sampling [%]

AVTY1.....: 1 of actual year [%]

AVTY2.....: 2 of actual year [%]

AVPY1.....: 1 of last year [%]

AVPY2.....: 2 of last year [%]

ngup.....: Number of gas meter pulses

ISORAT.....: ISO rate

MPSTAT.....: Mean PSTAT [hPa]

MTRG.....: Mean flue gas temperature [°C]

MVH.....: Mean flue gas velocity [m/s]

MAXTKT.....: Maximum cartridge temperature [°C]

MTKT.....: Mean cartridge temperature [°C]

lcpres.....: Leak check pressure [hPa] ^

leakr.....: Leakage rate [m³/h]

Runtimerecord: L

vHM.....: Mean flue gas velocity of period [m/s]

TGVNMD.....: Mean sample gas volume norm MFC [m³]

TGVNGU.....: Mean sample gas volume norm gasmeter [m³]

O2M.....: Mean O2 in flue gas of period [%]

CO2M.....: Mean CO2 in flue gas of period [%]

CONVOL.....: Entire condensate volume of current sampling

FM.....: Mean humidity of period [g/m³]

BDFAKT.....: Operating density factor

PGUM.....: Mean Pressure of gasmeter of period [hPa]

TGUM.....: Mean Temperature of gasmeter of period [°C]

TRGM.....: Mean flue gas temperature of period [°C]

TRGMIN.....: Mainimum flue gas temperature of period [°C]

TRGMAX.....: Maximum flue gas temperature of period [°C]

TKTM.....: Mean cartridge temperature of period [°C]

TKTMAX.....: Maximum cartridge temperature of period [°C]

TC1.....: Stack box temperature

TCS.....: Probe temperature

TCF.....: Filter temperature

ISORATM.....: Mean ISO rate

Substitutes.: Active substitutes:

F, O2, CO2, TRG, PST, VH

AW.....: Maintenance

FA.....: No fire

Eventrecord..: X

vH.....: Current flue gas velocity [m/s]

TGVNMD.....: Sample gas volume norm MFC [m³]

TGVNGU.....: Sample gas volume norm gasmeter [m³]

O2.....: O2 in flue gas [%]

CO2.....: CO2 in flue gas [%]

CONVOL.....: Condensate volume

F.....: Humidity [g/m³]

BDFAKT.....: Operating density factor

PGU.....: Pressure of gasmeter [hPa]

TGU.....: Temperature of gasmeter [°C]

TRGMIN.....: Mainimum flue gas temperature

TRGMAX.....: Maximum flue gas temperature

TKTMAX.....: Maximum cartridge temperature

TC1.....: Stack box temperature

TCS.....: Probe temperature

TCF.....: Filter temperature

ISORAT.....: ISO rate

Substitutes.: Active substitutes:

F, O2, CO2, TRG, PST, VH

AW.....: Maintenance

FA.....: No fire

Reason.....: Event:

Break terminated

manual command

No fire

O2 > O2OGR or < O2UGR

TRG < TRGMIN

VH < VHUGR

Alarm

Power on (Power off:

Cartridge box switching

Remote command

Start of period

Probe purging

CO2 > CO2OGR or < CO2UGR

Remote break flag set

Shutdown command

Alarmrecord..: A

Pending alarms

Time.....: Point of time

Type.....: raised / cleared