

Test result - Hysteresis and Drift preliminary check

Test identification

Job order KOREA SUD
Operator in charge ANDREA
Azienda EUROTRON
Analizzatore FID
Test carried out on 21-01-2019
Gas type CH4 + C3H8 IN ARIA

Identification of the analyzer tested

Manufacturer PCF
Model 9000
Serial number 7267/18
Full scale (FS) 300 ppm
Nominal response time ... 30 s

Test conditions

Power supply As per analyzer's technical specification
Gas flow to analyzer As per analyzer's technical specification
Sample gas concentration 7039 ppm $\pm 2,0$ %
Sample gas cylinder reg. no. 12-587105
Sample gas flow rate 3750 sccm
Identification of the measurement system .. D/P99-254 (MFC1:459121G20, MFC2:459120G20)
Duration of the test 56 '
Quantity of recorded points 5
Average interval between points 13 '

Test results

Nominal response time (s)	Average return to zero time (s)	Intercept of the drift line A (ppm)	Angular coefficient of the drift line B (ppm/min)	Confidence interval of the angular coefficient ΔB (ppm/min)
9	70	240,537	0,0241	$\pm 0,0310$

Response and return to zero times are referred to the analyzer and calibrator assembly.

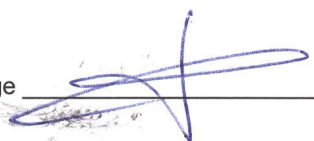
Span drift per hour = 0,602 % *MEAN VALUE OVER 24 H TEST*

Hysteresis is not significant.

Drift is not significant.

Testing method for linearity test: alternated with zero gas.

The operator in charge



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