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## INTERFERENCE DATA (Example)

2002 7 15

Sensor type

: ES-1821

Meas. gas

: CO

(With charcoal filter CF-1821)

Interference gas	Chemical formula	Gas concentration	Indication value
Hydrogen	H <sub>2</sub>	72 ppm	25 ppm
Hydrogen sulfide	H <sub>2</sub> S	1300 ppm	25 ppm
Sulfur dioxide	SO <sub>2</sub>	32 ppm	25 ppm
Nitric oxide	NO	72 ppm	25 ppm
Nitrogen dioxide	NO <sub>2</sub>	140 ppm	25 ppm
Ammonia	NH <sub>3</sub>	60 ppm	1 ppm
Hydrogen chloride	HCl	89 ppm	-1 ppm
Ozone	O <sub>3</sub>	1.9 ppm	1 ppm
Fluorine	F <sub>2</sub>	510 ppm	-25 ppm
Chlorine	Cl <sub>2</sub>	13 ppm	-1 ppm
Ethylene	C <sub>2</sub> H <sub>4</sub>	49 ppm	25 ppm
Acetylene	C <sub>2</sub> H <sub>2</sub>	490 ppm	25 ppm
IPA	(CH <sub>3</sub> ) <sub>2</sub> CHOH	530 ppm	25 ppm
Acetone	(CH <sub>3</sub> ) <sub>2</sub> CO	10000 ppm	2 ppm
Toluene	C <sub>6</sub> H <sub>5</sub> CH <sub>3</sub>	5.2 %	25 ppm
Xylene	C <sub>6</sub> H <sub>4</sub> (CH <sub>3</sub> ) <sub>2</sub>	1.6 %	25 ppm
Naphtha	—	6000 ppm	0 ppm

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## INTERFERENCE DATA (Example)

2001 10 9

Sensor type  
Meas. gas

: ES-1827

H<sub>2</sub>S

Interference gas	Chemical formula	Gas concentration	Indication value
Hydrogen	H <sub>2</sub>	170 ppm	10 ppm
Carbon monoxide	CO	110 ppm	10 ppm
Sulfur dioxide	SO <sub>2</sub>	50 ppm	10 ppm
Nitric oxide	NO	210 ppm	10 ppm
Nitrogen dioxide	NO <sub>2</sub>	46 ppm	-10 ppm
Ammonia	NH <sub>3</sub>	170 ppm	1 ppm
Hydrogen chloride	HCl	55 ppm	1 ppm
Ozone	O <sub>3</sub>	3.8 ppm	-1 ppm
Chlorine	Cl <sub>2</sub>	8.6 ppm	-1 ppm
Ethylene	C <sub>2</sub> H <sub>4</sub>	280 ppm	10 ppm
Acetylene	C <sub>2</sub> H <sub>2</sub>	41 ppm	10 ppm
IPA	(CH <sub>3</sub> ) <sub>2</sub> CHOH	330 ppm	10 ppm
Acetone	(CH <sub>3</sub> ) <sub>2</sub> CO	10000 ppm	0.5 ppm

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