

**becification** 

echnica

NOTE: all sensors are tested at ambient environmental conditions, with 10 ohm load resistor, unless otherwise stated. As applications of use are outside our control, the information provided is given without legal responsibility. Customers should test under their own conditions, to ensure that the sensors are suitable for their own requirements.



## **H2S-AE Performance Data**

## Figure 2 Sensitivity Temperature Dependence

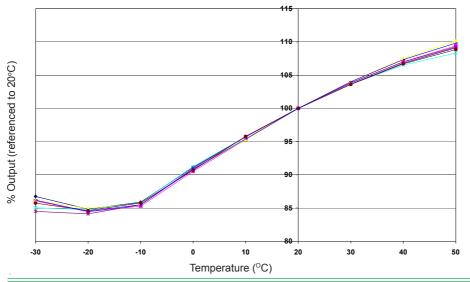


Figure 2 shows the variation of sensitivity due to changes in temperature.

This data is taken from a typical batch of sensors.

## Figure 3 Zero Temperature Dependence

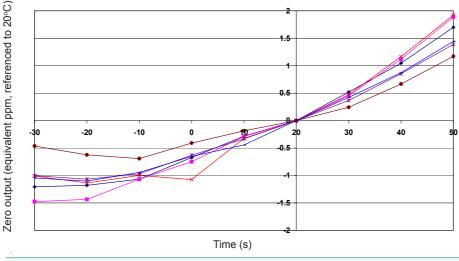


Figure 3 shows the variation in zero output caused by changes in temperature, expressed as ppm gas equivalent, referenced to zero at 20°C.

This data is taken from a typical batch of sensors.

## Figure 4 Batch Repeatability

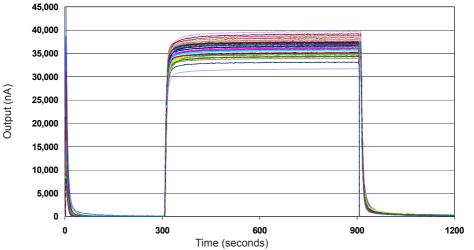


Figure 4 shows the response to 400ppm  $H_2S$  for 64 sensors. Repeatable zero, fast response and stable output are the result of good process control.

This data is taken from a typical batch of sensors.

For further information on the performance of this sensor, on other sensors in the range or any other subject, please contact Alphasense Ltd. For Application Notes visit "www.alphasense.com".

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