

Information Letter Number: 231401**Date:** 27. June 2023**Title:** PM Precision Specification Improvement**Product Identification:** SPS30**Reason for Change:** Design Production Logistics Manufacturing Location Quality/Reliability Upgrade**Change Description:**

The PM1 and PM2.5 mass concentration precision specification in the mass concentration range from 0 to 100 $\mu\text{g}/\text{m}^3$ is improved to $\pm [5 \mu\text{g}/\text{m}^3 + 5 \% \text{ m.v.}]$ (previously $\pm 10 \mu\text{g}/\text{m}^3$).

The improved specification ensures compliance with common air quality and healthy building standards. Specifically, the improved SPS30 complies with the requirements from IWBI WELL and RESET (grade B). Furthermore, the improved PM precision specification matches the specification of the Sensirion PM sensors from the SEN5x family.

The specification change does not include any change on the product itself. Based on several years of production data, it was concluded that SPS30 products produced from 31. January 2021 onward, fulfill the improved specification.

Identification Method to Distinguish Change:

All products produced from 31. January 2021 comply with the improved PM precision specification. Traceability via serial number and production date on product label.

Samples: available will be available in not applicable**Quantifiable Impact on Quality & Reliability:**

None.

Estimated Implementation Date*: 1. July 2023

* The Estimated Implementation Date is the forecasted date that a customer may expect to receive changed product. This may be affected by fluctuations in supply and demand.

Sensirion Contact: info@sensirion.com or your Sales/Key Account Manager

If you have questions with regard to this Information Letter, please send them to the Sensirion contact e-mail address listed above.