

AQUA DATA LTD

AQUATEC HOUSE, LYNEHAM, Chippenham, Wiltshire, SN15 4PP, United Kingdom
Telephone (0249) 890724 Fax (0249) 891329



Calibration Certificate

For SENSAR-V2 Velocity Probe No: P42-025

Calibration Constant: 46213277

A) Mode of Calibration: Distance/Time in accordance with the ISO 3455 standards.

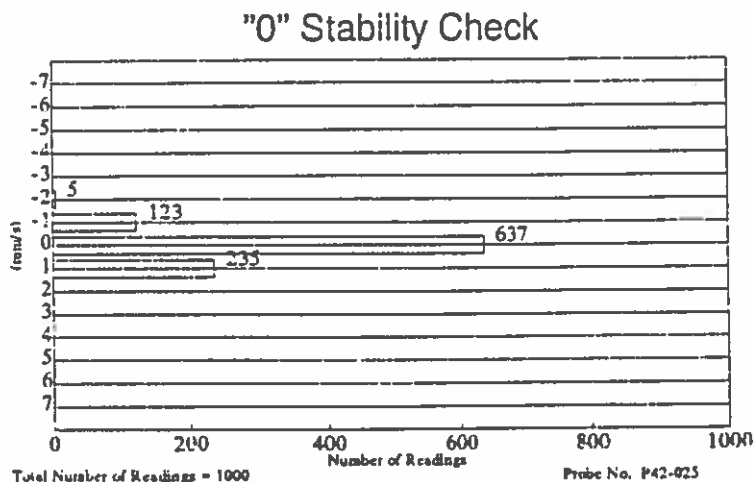
This confirms that the above stated equipment was individually calibrated in the open flow Water Tow-Tank facility of Hydraulics Research Limited in Wallingford, UK, over the whole measuring range of 0 m/sec to 4 m/sec at 14 different speeds as generated by the towing carriage.

Thus obtained velocity results have been computer processed against the true speeds of the towing carriage and stored in the SURFACE UNIT, which ensures automatically that the instrument's readings are always within the specified tolerances.

This calibration is valid for life, and unless the instrument is damaged by misuse or otherwise, no further re-calibrations are required.

B) "O" Stability Test

This confirms that the instrument has been tested at our own laboratory for "O" point stability in accordance with the ADS's "NAUSTAT" standards, and which results were found to be in conformity with thus specified criteria.



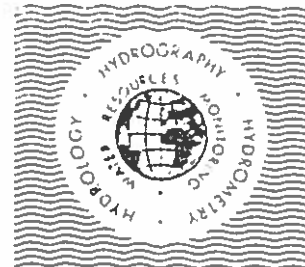
AQUA DATA SERVICES LIMITED

AGans

Date 2/3/95

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Calibration Certificate

For SENSAR-FIV2 Velocity Probe No: P42-032

Calibration Constant: 45814485

A) Mode of Calibration: Distance/Time in accordance with the ISO 3455 standards.

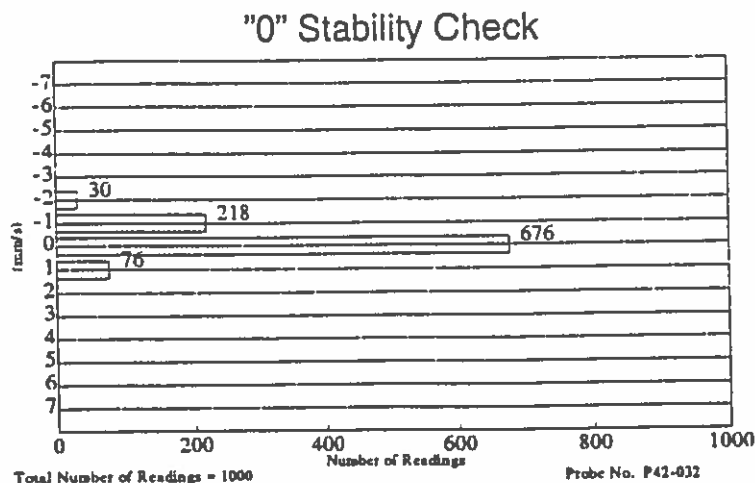
This confirms that the above stated equipment was individually calibrated in the open flow Water Tow-Tank facility of Hydraulics Research Limited in Wallingford, UK, over the whole measuring range of 0 m/sec to 4 m/sec at 14 different speeds as generated by the towing carriage.

Thus obtained velocity results have been computer processed against the true speeds of the towing carriage and stored in the SURFACE UNIT, which ensures automatically that the instrument's readings are always within the specified tolerances.

This calibration is valid for life, and unless the instrument is damaged by misuse or otherwise, no further re-calibrations are required.

B) "O" Stability Test

This confirms that the instrument has been tested at our own laboratory for "O" point stability in accordance with the ADS's "NAUSTAT" standards, and which results were found to be in conformity with thus specified criteria.



AQUA DATA SERVICES LIMITED

Date 20/3/95



Calibration Certificate

For SENSA-RV2 Velocity Probe No: P42-037

Calibration Constant: 46916785

A) Mode of Calibration: Distance/Time in accordance with the ISO 3455 standards.

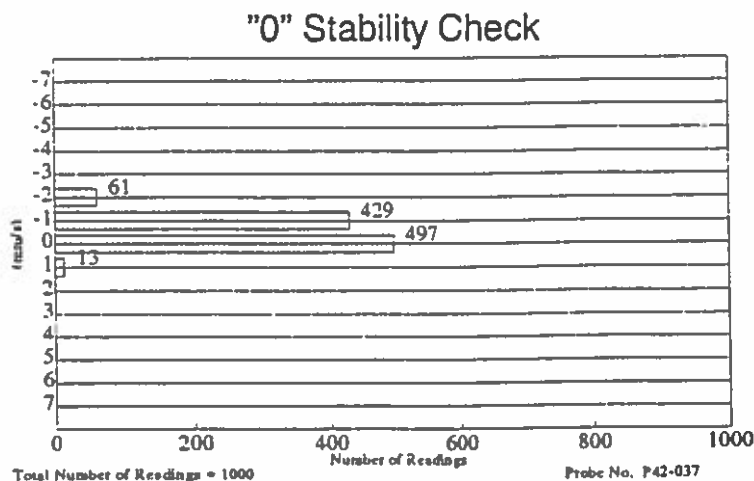
This confirms that the above stated equipment was individually calibrated in the open flow Water Tow-Tank facility of Hydraulics Research Limited in Wallingford, UK, over the whole measuring range of 0 m/sec to 4 m/sec at 14 different speeds as generated by the towing carriage.

Thus obtained velocity results have been computer processed against the true speeds of the towing carriage and stored in the SURFACE UNIT, which ensures automatically that the instrument's readings are always within the specified tolerances.

This calibration is valid for life, and unless the instrument is damaged by misuse or otherwise, no further re-calibrations are required.

B) "O" Stability Test

This confirms that the instrument has been tested at our own laboratory for "O" point stability in accordance with the ADC's "NAUSTAT" standards, and which results were found to be in conformity with thus specified criteria.



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20/3/95

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Calibration Certificate

For SENSE-RV2 Velocity Probe No: F42-026

Calibration Constant: 45214265

A) Mode of Calibration: Distance/Time in accordance with the ISO 3455 standards.

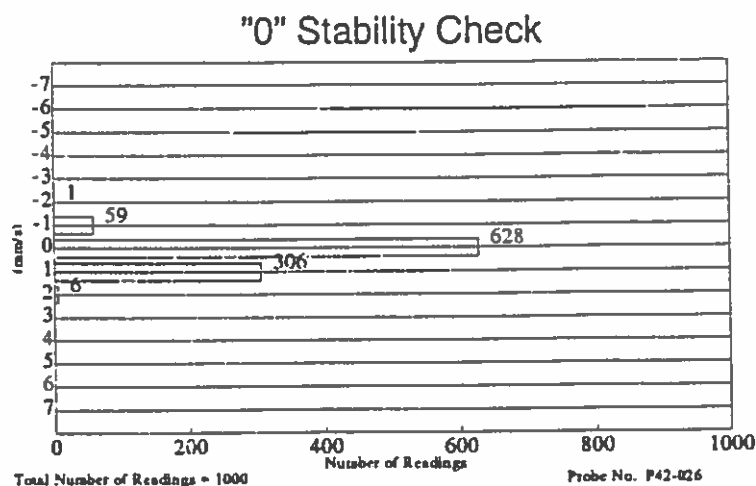
This confirms that the above stated equipment was individually calibrated in the open flow Water Tow-Tank facility of Hydraulics Research Limited in Wallingford, UK, over the whole measuring range of 0 m/sec to 4 m/sec at 14 different speeds as generated by the towing carriage.

Thus obtained velocity results have been computer processed against the true speeds of the towing carriage and stored in the SURFACE UNIT, which ensures automatically that the instrument's readings are always within the specified tolerances.

This calibration is valid for life, and unless the instrument is damaged by misuse or otherwise, no further re-calibrations are required.

B) "O" Stability Test

This confirms that the instrument has been tested at our own laboratory for "O" point stability in accordance with the ADS's "NAUSTAT" standards, and which results were found to be in conformity with thus specified criteria.



AQUA DATA SERVICES LIMITED

Date

20/3/95