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Technical Rule – Standard **DVGW W 129** April 2012

Suitability Test for Groundwater Monitoring Points

WATER

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DVGW Standard W 129 has been published with identical content as DWA Code of Practice A 908

Suitability Test for Groundwater Monitoring Points

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Foreword

This standard, which has also been published with identical content as DWA Code of Practice DWA-A 908, has been prepared by a Project Group of the joint DVGW Technical Committee/DWA Expert Committee "Groundwater and Resource Management". It describes methods and procedures for a professional inspection of the correct operation of groundwater monitoring points.

The determination of reliable and representative groundwater monitoring data is of particular importance in order to meet the manifold demands on groundwater monitoring and in terms of preventive and sustainable groundwater protection. The regular performance of suitability tests at groundwater monitoring points makes a considerable contribution to quality assurance. Only functional groundwater monitoring points that are suitable for the respective task can meet the requirements of goal- and result-oriented groundwater monitoring.

The standard provides practical recommendations for carrying out technical suitability tests for groundwater monitoring points. Flowcharts illustrate the sequence of the test steps to be performed. Important test procedures are explained in the annex.

The tests dealt with here refer only to the monitoring point itself. This standard does not deal with basically indispensable investigations as to whether the area of the aquifer covered by the monitoring point is representative of the measuring task and whether natural or anthropogenic disturbances of the aquifer, intermediate horizons or top strata have an effect on the measurement.

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