

Technical Rule – Standard **DVGW G 492 (A)** June 2021

**Gas Measuring Systems for an Operating Pressure up to
and including 100 bar**

Gas-Messanlagen für einen Betriebsdruck bis einschließlich 100 bar

GAS

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Preface

This Code of Practice has been developed by the project group “Gas measuring systems” within the Technical Committee „Gas Measuring and Fiscal Metering“. It shall serve as basis for life cycle phases of a gas measuring system for inlet pressures of up to and including 100 bar; from planning, manufacturing, assembly, testing, commissioning and operation to decommissioning and disposal.

This Code of Practice specifically regulates the metrological requirements for gas measuring systems, also taking into account hydrogen-enriched natural gas.

During the harmonisation of the present edition, several aspects have been considered: specifically, new technical developments in the fields of safety and electrotechnics, new legal regulations, and current standards and code of practices. Furthermore, lasting changes in European standards have necessitated the fundamental revision of this Code of Practice.

The new DVGW Codes of Practice G 492 and G 491 are harmonized to the extent that the safety requirements applicable to both areas of applications are contained within DVGW Code of Practice G 491.

The revision aims to harmonise this Code of Practice with legal requirements and current standards.

Revisions

Compared to DVGW Code of Practice G 492:2004-01, the following changes have been made:

- a) The document’s internal structure has been adjusted to DVGW Code of Practice G 491:2020-04
- b) Incorporation of common requirements of DVGW Codes of Practice G 491 and G 492 into Code of Practice G 491:2020-04, in particular the safety-related requirements
- c) Adaption to the new verification/ legal metrological requirements

Earlier Versions

DVGW G 492:2004-01