

Technical Rule – Technical Standard

DVGW GW 10 (A) June 2018

Cathodic Protection (CP) of Buried Pipelines, Pipelines of Complex Structures and Steel Tanks; Planning, Construction, Commissioning, Operation and Maintenance

GAS

WATER

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Preface

This standard has been developed by the project group “GW 10” which is part of the technical committee “external corrosion”. This standard shall serve as the basic reference manual for the planning, construction, commissioning, operation and maintenance of cathodic corrosion protection of buried pipelines and steel tanks.

In this context, CP is mainly understood as an aspect of pipeline maintenance. According to this definition, the section on maintenance is approached from the perspective of the whole installation, which consists of the corrosion protection unit and the protected structure.

This standard supersedes DVGW standards GW 10:2008-5, GW 12:2010-10 und GW 16:2008-05.

Revisions

Compared to DVGW Standard GW 10:2008-05, the following changes have been made:

- a) Adjustment to international and European standards.
- b) Merging of DVGW Technical Standards GW10, GW 12 and GW 16 into one technical standard.
- c) Change in terminology, which results in changing terms, e.g. inspection measurement, goals of inspection, inspection intervals, remote inspection
- d) Definition of the field of application for corrosion experts according to DVGW G 100 (A) Area of Expertise IX

Earlier Versions

DVGW GW 10:2008-05
DVGW GW 10:2000-07
DVGW GW 10:1984-04
DVGW GW 10:1971-08
DVGW GW 12:2010-10
DVGW GW 12:1984-04
DVGW GW 12:1975-09
DVGW GW 16:2008-05
DVGW GW 16:2002-02