GERMAN
DWA Rules and Standards
plus further publications and information
English Version

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Further Information
German DWA Rules and Standards

Drain and Sewer Systems

DWA-A 100E
Guidelines of Integrated Urban Drainage (IUD)

ATV-A 106E
Design and Construction of Wastewater Treatment Systems

ATV-DVWK-A 110E
Hydraulic Dimensioning and Performance Verification of Sewers and Drains (New German version available: DWA-A 110, 8/2005)

DWA-A 116-1E
Special Sewerage Systems — Part 1: Vacuum Sewerage Systems Outside Buildings

DWA-A 116-2
Special Sewerage Systems — Part 2: Pressure Sewerage Systems Outside Buildings

DWA-A 125E
Pipe Jacking and Related Techniques
Joint publication DIN EN 12889 „Trenchless Construction and Testing of Drains and Sewers“ and Standard DWA-A 125E „Pipe Jacking and Related Techniques“ (New: available on paper – not part of this English CD-ROM)

ATV-M 127-2E
Static Calculation for the Rehabilitation of Drains and Sewers Using Lining and Assembly Procedures — Supplement to Standard ATV-A 127E

ATV-A 128E
Standards for the Dimensioning and Design of Stormwater Structures in Combined Sewers

ATV-DVWK-A 134E
Planning and Construction of Wastewater Pumping Stations

DWA-A 138E
Planning, Construction and Operation of Facilities for the Percolation of Precipitation Water

DWA-A 139E
Construction and Testing of Drains and Sewers
Joint publication DIN EN 1610 „Construction and Testing of Drains and Sewers“ and Standard DWA-A 139E „Construction and Testing of Drains and Sewers“ (New: available on paper – not part of this English CD-ROM)

ATV-DVWK-A 142E
Sewers and Drains in Water Catchment Areas
ATV-M 143-6E
Inspection, Repair, Rehabilitation and Replacement of Sewers and Drains – Part 6: Leak Testing of Existing, Earth Covered Sewers and Drains and Shafts Using Water, Air Overpressure and Vacuum

DWA-M 143-14E
Rehabilitation of Drain and Sewer Systems Outside Buildings – Part 14: Rehabilitation Strategies

DWA-M 143-17E
Rehabilitation of Drain and Sewer Systems Outside Buildings – Part 17: Coating Wastewater Conduits, Pipes and Shafts with Cement-bonded Mortars

DWA-M 143-20E

ATV-DVWK-M 145E
Setting-up and Application of Sewer Information Systems

DWA-M 149-2E
Conditions and Assessment of Drain and Sewer Systems Outside Buildings — Part 2: Visual Inspection Coding System

DWA-M 149-3E
Conditions and Assessment of Drain and Sewer Systems Outside Buildings — Part 3: Condition Classification and Assessment

DWA-M 149-4E
Conditions and Assessment of Drain and Sewer Systems Outside Buildings — Part 4: Detection of Bedding Defects and Cavities by Means of Geophysical Techniques

DWA-M 153E
Recommended Actions for Dealing with Stormwater

ATV-DVWK-A 157E
Sewer System Structures

ATV-A 161E
Structural Calculation of Driven Pipes

DWA-M 180E
Framework for Planning of Real Time Control of Sewer Networks

ATV-DVWK-M 197E
Invitation to Tender for Sewer Cleaning Services Using the High Pressure Flushing Process

ATV-DVWK-A 198E
Standardisation and Derivation of Dimensioning Values for Wastewater Facilities

ATV-DVWK-A 199-1E

ATV-A 200E
Principles for the Disposal of Wastewater in Rurally Structured Areas
Municipal Wastewater Treatment

**ATV-DVWK-A 131E**
Dimensioning of Single Stage activated Sludge Plants
Corresponding software „Activated Sludge Expert“ is available on our website.

**ATV-DVWK-A 198E**
Standardisation and Derivation of Dimensioning Values for Wastewater Facilities

**ATV-DVWK-A 199-1E**

**DWA-A 199-2E**
Part 2: Operating Instructions for the Personnel of Sewerage Systems and Stormwater Treatment Systems

**DWA-A 199-3E**
Part 3: Operating Instructions for the Personnel of Wastewater Pumping Installations

**DWA-A 199-4E**
Part 4: Operating Instructions for the Personnel of Wastewater Treatment Plants

**ATV-A 200E**
Principles for the Disposal of Wastewater in Rurally Structured Areas

**ATV-DVWK-A 202E**
Chemical-Physical Methods (New German version available: DWA-A 202, 5/2011)

**ATV-A 203E**
Wastewater Filtration Using Space Filters following Biological Treatment

**ATV-M 204E**
Status and Application of Emission Reduction Technology with Sewage Treatment Plants — Odours, Aerosols

**ATV-M 205E**
Disinfections of Biologically Treated Wastewater

**ATV-DVWK-M 206E**
Automation of Chemical Phosphate Removal

**ATV-DVWK-M 265E**
Regulation of Oxygen Transfer with the Activated Sludge Process

**DWA-M 269E**
Process Analysis Equipment for Nitrogen, Phosphorus and Carbon in Wastewater Treatment Systems

**ATV-DVWK-A 281E**
Dimensioning of Trickling Filters and Rotating Biological Contactors

**DWA-A 704E**
Operating Methods for Wastewater Analysis
Waste and Sewage Sludge

ATV-DVWK-M 362-2E
Handling of Dredged Material – Part 2: Case Studies

ATV-DVWK-M 368E
Biological Stabilisation of Sewage Sludge

ATV-DVWK-M 374E
Production Specific Wastewater and Waste from the Glass and Mineral Fibre Industry

DWA-M 376E
Safety Regulations for Biogas Holders with Membrane Seals

ATV-DVWK-M 379E
Drying of Sewage Sludge

DWA-M 381E
Sewage Sludge Thickening

Hydraulic Engineering and Hydro Power

ATV-DVWK-M 503E
Basic Information on Investigation and Remediation of Tailings Impoundments

Hydrology and Water Resources Management

DWA-A 117E
Dimensioning of Stormwater Holding Facilities

DWA-A 138E
Planning, Construction and Operation of Facilities for the Percolation of Precipitation Water
Industrial Wastewater/System-related Water Pollution Control

DWA-A 704E
Operating Methods for Wastewater Analysis

Economics

DWA-A 133E
Valuation of Wastewater Systems — Systematic Recording, Assessment and Updating

DWA-M 801E New
Integrated Quality and Environmental Management System for Operators of Wastewater Facilities

DWA-M 803E New
Cost Structures in Sewage Engineering

DWA-M 804E New
Assurance of the Quality and Economic Efficiency of Wastewater and Waste Facilities also with the Performance of Tasks by Third Parties (10/2007)

ATV-DVWK-M 807E
Allocation of Production Costs and Maintenance Expenditure for Sewage Plants

DWA-M 1100E New
Benchmarking in Water Supply and Wastewater Disposal
DWA Topics

**Municipal Wastewater Treatment**

*DWA-Topics*
Anthropogenic Trace Pollutants in the Water Cycle — Pharmaceuticals

**Hydraulic Engineering and Hydro Power**

*ATV-DVWK-Topics*
Fish Protection Technologies and Downstream Fishways — Dimensioning, Design, Effectiveness Inspection

**Hydrology and Water Resources Management**

*DWA-Topics*
Treatment of Industrial Wastewater and Process Water with Membrane Processes and Membrane Bioreactor Technology

*DWA-Topics*
Treatment Steps for Water Reuse (former title: Assessment of Process Steps for the Treatment of Wastewater for Reuse)

Economics

*DWA-Topics*
Corporate Benchmarking – Metric Benchmarking as Component of the Modernisation Strategy — Performance Indicators and Evaluation Principles

*DCCC-Guidelines*  New
Dynamic Cost Comparison Calculations for selecting least-cost projects in Water Supply and Wastewater Disposal

DCCC — Appraisal Manual for Project Designers

In Preparation

*DWA-M 150E*
Data Transfer Format – Part 1: Conditions of Drain and Sewer Systems

*DWA-A 400E*
Principles for the Preparation of DWA Rules and Standards

*DWA-M 507-1E*
Dikes on Watercourses – Part 1: Planning, Construction and Operation

*DWA-M 514E*
Structural Inspection of Dams
The technical standards combined on this CD ROM present technical solutions with the background of German legislation. Taking into account the respective national laws, the German Set of Rules and Standards offers the user operating abroad comprehensive information on and approaches to solutions.

On the inside you will find a summary of the DWA Standards, Advisory Leaflets, Topics and further information contained in the CD ROM.

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System requirements

- Web Browser (Internet Explorer, Firefox etc.)
- Adobe Reader®

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