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### Further Information
German DWA Set of Rules
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 118E
Hydraulic Dimensioning and Verification of Drain and Sewer Systems

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 144-3E** New
Supplementary Technical Contract Conditions (ZTV) for the Rehabilitation of Drainage Systems outside of Buildings – Part 3: Renovation with Hose Liner Process (locally cured hose liner) for Sewers

**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

**DWA-A 199-1E** New
Service and Operating Instructions for the Personnel of Wastewater Systems – Part 1: Service Instructions for the Personnel of Wastewater Systems

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

**DWA-M 114E**  New
Energy from Wastewater – Thermal and Potential Energy

**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

**DWA-A 199-1E**  New
Service and Operating Instructions for the Personnel of Wastewater Systems – Part 1: Service Instructions for the Personnel of Wastewater Systems

**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-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
Recycling Management, Energy 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

**DWA-M 507-1E**  New
Levees Built Along Watercourses – Part 1: Planning, Construction and Operation

**Hydrology and Water Resources Management**

**DWA-A 117E**
Dimensioning of Stormwater Holding Facilities (New German Version available December 2013)

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

**DWA-A 704E**
Operating Methods for Wastewater Analysis

**Economics**

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

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

**DWA-M 803E**
Cost Structures in Sewage Engineering

**DWA-M 804E**
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
Benchmarking in Water Supply and Wastewater Disposal

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

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 514E
Monitoring of Reservoirs and Dams

DWA-M 512-1E
Sealing Systems in Hydraulic Engineering Part 1: Earthwork Structures

DWA-M 386E
Thermal Treatment of Sewage Sludge — Mono-Incineration

DWA-M 387E
Thermal Treatment of Sewage Sludge — Co-Incineration in Power Plants
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 DWA Set of Rules 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 Guidelines, Topics and further information contained on the CD ROM.

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