Deutsche Akkreditierungsstelle GmbH

Annex to the Accreditation Certificate D-PL-18292-01-00 according to DIN EN ISO/IEC 17025:2005

Valid from: 22.10.2018
Date of issue: 22.10.2018

Holder of certificate:
Salzgitter Flachstahl GmbH
Chemische Laboratorien, Immissionsschutz und Werkstoffprüfung
Eisenhüttenstraße 99, 38239 Salzgitter

Tests in the fields:
physical, physico-chemical and chemical investigations of crude iron, steels, metals and alloys and of iron ores and basic pig iron sinter;
investigation of slags and oxidic raw materials, materials and waste materials;
selected investigations of water and process waters;
investigations of fuels and oils and of coke by-products;
determination of airborne substances at workplaces;
determination of selected inorganic and organic gaseous or particle-form airborne substances;
airborne substances of emissions;
mechanical-technological investigations of metallic materials;
chemical and microbiological investigations in accordance with the drinking water regulations;
sampling of raw and drinking water

The testing laboratory is permitted, without being required to inform and obtain prior approval from DAkkS, to use standards or equivalent testing methods listed here with different issue dates.
The testing laboratory maintains a current list of all testing methods within the flexible scope of accreditation.
1 Investigations of crude irons, steels, metals and alloys

1.1 RFA determinations of elements

DIN 51418-2 2015-03  
X-ray spectrometry - X-ray emission and X-ray fluorescence analysis (XRF) - Part 2: Definitions and basic principles for measurements, calibration and evaluation of results  
(Matrix: crude iron, zinc, sheet metal coatings)

1.2 ICP-OES determination of elements

DIN EN ISO 3815-2 2005-10  
Zinc and zinc alloys - Part 2: Analysis by inductively coupled plasma optical emission spectrometry

DIN EN 10351 2011-05  
Chemical analysis of ferrous materials - Inductively coupled plasma optical emission spectrometric analysis of unalloyed and low alloyed steels - Determination of Mn, P, Cu, Ni, Cr, Mo, V, Co, Al (total) and Sn  
(also: Determination of Si, Ti, As, Zn, Nb, Ca, B)

DIN EN 14242 2004-12  
Aluminium and aluminium alloys - Chemical analysis - Inductively coupled plasma optical emission spectral analysis

1.3 IR determination of elements and compounds

DIN EN ISO 15350 2010-08  
Steel and iron - Determination of total carbon and sulfur content - Infrared absorption method after combustion in an induction furnace (routine method)  
(also: Determination of surface carbon at 550°C)

DIN EN 10276-2 2003-10  
Chemical analysis of ferrous materials - Determination of oxygen content in steel and iron - Part 2: Infrared method after fusion under inert gas

1.4 Spark-OES determination of elements

ASTM E 415-17 2017  
Standard Test Method for Atomic Emission Vacuum Spectrometric Analysis of Carbon and Low-Alloy Steel  
(extended element and working range)

Abbreviations used: see last page

Valid from: 22.10.2018  
Date of issue: 22.10.2018
1.5 Other investigations

DIN EN ISO 15351 2010-08
Steel and iron - Determination of nitrogen content - Thermal conductimetric method after fusion in a current of inert gas (Routine method)

AV TCCO O089 Rev. 6 2018-05
Determination of surface oil film
(Matrix: cold strip)

Determination of silicon content, gravimetric determination, perchloric acid method

Determination of hydrogen in steel by hot extraction

Radioactivity - Measurement and radiation protection

Determination of sulfide sulphur

NACE TM 0284 2016 Evaluation of Pipeline and Pressure Vessel Steels for Resistance to Hydrogen-Induced Cracking (Chapt. 1-3, 8)

NACE TM 0177 2016 Laboratory Testing of Metals for Resistance to Sulfide Stress Cracking and Stress Corrosion Cracking in H₂S Environments Method A, B

PSA D20 5333 1998-05 Zinc coatings on steel plating
Gravimetric analysis of different elements and weights per unit area (ICP-OES)

-Translation-

Abbreviations used: see last page

Valid from: 22.10.2018
Date of issue: 22.10.2018
Annex to the accreditation certificate D-PL-18292-01-00

2 Investigation of iron ores and basic pig iron sinter


ISO 9516-1 2003-04

Iron ores - Determination of various elements by X-ray fluorescence spectrometry - Part 1: Comprehensive procedure

DIN EN ISO 11885 (E 22) 2009-09

Water quality - Determination of selected elements by inductively coupled plasma optical emission spectrometry (ICP-OES)
(Modification for sinter: Element determination of sinter material in acid solution borate digestions)


Determination of iron(II) oxide and iron(III) oxide

3 Investigation of slags and oxidic raw materials, materials and waste materials

DIN EN ISO 12677 2013-02

Chemical analysis of refractory products by X-ray fluorescence (XRF) - Fused cast-bead method
(Matrix: refractory material, slags, olivine, dunite)

DIN EN ISO 11885 (E 22) 2009-09

Water quality - Determination of selected elements by inductively coupled plasma optical emission spectrometry (ICP-OES)
(Modification for slags, lime and alloying agents: Element determination of slags in acid solution borate digestions and of lime and alloying agents following acid digestion)

DIN 38405-D 1 1985-12

Determination of chloride ions
(Modification for solid materials: Aqueous extraction from the sample)

DIN 51418-2 2015-03

X-ray spectrometry - X-ray emission and X-ray fluorescence analysis (XRF) - Part 2: Definitions and basic principles for measurements, calibration and evaluation of results
(Matrix: Blast furnace slag, converter slag)

-Translation-

Abbreviations used: see last page

Valid from: 22.10.2018
Date of issue: 22.10.2018
4  Selected investigations of water and process waters

DIN EN ISO 14403-2 (D 6)  Water quality - Determination of total cyanide and free cyanide using flow analysis (FIA and CFA) - Part 2: Method using continuous flow analysis (CFA)
2012-10

DIN 38407-F 43  Determination of selected easily volatile organic compounds in water - Method using gas chromatography and mass spectrometry by static headspace technique (HS-GC-MS)
2014-10

DIN 38407-F 39  Determination of selected polycyclic aromatic hydrocarbons (PAH) - Method using gas chromatography with mass spectrometric detection (GC-MS)
2011-09

DIN ISO 28540 (F 40)  Water quality - Determination of 16 polycyclic aromatic hydrocarbons (PAH) in water - Method using gas chromatography with mass spectrometric detection (GC-MS)
2014-05

DIN EN ISO 9562 (H 14)  Water quality - Determination of adsorbable organically bound halogens (AOX)
2005-02

DIN EN ISO 9377-2 (H 53)  Water quality - Determination of hydrocarbon oil index - Part 2: Method using solvent extraction and gas chromatography
2001-07

5  Investigations of fuels

DIN EN ISO 12677  Chemical analysis of refractory products by X-ray fluorescence (XRF) - Fused cast-bead method
2013-02

2007-11

DIN 51718  Testing of solid fuels - Determination of the water content and the moisture of analysis sample
2002-06

DIN 51719  Testing of solid fuels - Solid mineral fuels - Determination of ash content
1997-07

DIN 51720  Testing of solid fuels - Determination of volatile matter content
2001-03

DIN 51724-3  Solid mineral fuels - Determination of sulfur content - Part 3: Instrumental methods
2012-07

-Translation-

Abbreviations used: see last page
Annex to the accreditation certificate D-PL-18292-01-00

DIN 51729-8 2001-05
Solid fuels - Determination of chemical composition of fuel ash - Part 8: Determination of soda and potash (Na₂O, K₂O) contents (Modification: extension of the elements Zn, Pb, Ni, V Cu)

DIN 51729-10 2011-04
Testing of solid fuels - Determination of chemical composition of fuel ash - Part 10: X-Ray Fluorescence Analysis

DIN 51732 2014-07
Testing of solid mineral fuels - Determination of total carbon, hydrogen and nitrogen - Instrumental methods

DIN 51735 2009-02
Testing of solid fuels - Determination of plastic properties of coal with the Gieseler Plastometer

DIN 51739 1998-05
Testing of solid fuels - Determination of the dilatation of coal

DIN 51741 1998-10
Testing of solid fuels - Determination of the crucible swelling number of coal

DIN 51900-1 Corrigendum 1 2004-02
Testing of solid and liquid fuels - Determination of gross calorific value by the bomb calorimeter and calculation of net calorific value - Part 1: Principles, apparatus, methods

DIN 51900-2 2003-05
Testing of solid and liquid fuels - Determination of the gross calorific value by the bomb calorimeter and calculation of the net calorific value - Part 2: Method using isoperibol ot static, jacket calorimeter

UN Test N.4 2009

AV TCCO O125 rev.2 2018-03
Determination of moisture, volatile matter and ash in solid fuels with macro-TGA

6 Investigations of oils

ISO 2207 1983-12
Petroleum waxes; determination of congealing point

DIN EN ISO 2719 2016-11
Determination of flash point - Pensky-Martens closed cup method

-Translation-

Abbreviations used: see last page

Valid from: 22.10.2018
Date of issue: 22.10.2018
Annex to the accreditation certificate D-PL-18292-01-00

DIN EN ISO 6245  Petroleum products - Determination of ash  2003-01

DIN ISO 6618  Petroleum products and lubricants - Determination of acid or base number - Colour-indicator titration method  2015-07

DIN EN 12766-1  Petroleum products and used oils - Determination of PCBs and related products - Part 1: Separation and determination of selected PCB congeners by gas chromatography (GC) using an electron capture detector (ECD)  (Modification: Detector GC-MSMS)  2000-11

DIN EN 12766-2  Petroleum products and used oils - Determination of PCBs and related products - Part 2: Calculation of polychlorinated biphenyl (PCB) content  2001-12

DIN 51451  Testing of petroleum products and related products - Analysis by infrared spectrometry - General working principles  2004-09

DIN 51559-1  Testing of mineral oils - Determination of the saponification number - Part 1: Saponification numbers above 2, color indicator titration  2009-04

DIN 51559-2  Testing of mineral oils - Determination of saponification number - Part 2: Color-indicator titration, insulating oils  2009-04


SEB 181 322  Tribotechnology - Testing of lubricants - Determination of solid substances in oils, greases and cooling lubricants by membrane filtration  2009-02

AV TCCO O 104 rev. 9  Determination of the oil content and the saponification number in lubrication emulsions by FTIR-spectroscopy  2018-06

7  Investigations of coke by-products (tar, oil)

DIN EN ISO 12937  Petroleum products - Determination of water - Coulometric Karl Fischer titration method  2002-03

Abbreviations used: see last page

Valid from: 22.10.2018
Date of issue: 22.10.2018
8 Determination of airborne substances at workplaces

IFA 6068/1 2003 Alveolar fraction - Measurement method 1
(Matrix: Dust samples)

IFA 6068/2 2002 Alveolar fraction - Measurement method 2
(Matrix: Dust samples)

IFA 6172 2007 Inorganic acids, volatile: hydrogen bromide, hydrochloric acid, nitric acid

IFA 6173 2007 Inorganic acids, particulate: phosphoric acid, sulphuric acid

IFA 7050 1997 Diesel motor emissions - Determination of total carbon in the fine dust
(in addition: Determination of carbon by infrared absorption following combustion)

IFA 7284 2003 Inhalable fraction - Measurement method 1
(Matrix: Dust samples)

IFA 7732 2005 Hydrocarbons, aliphatic
(sampling only)

IFA 7733 2005 Hydrocarbons, aromatic
(sampling only)

IFA 7735 2008 Mixtures of hydrocarbons - reciprocal calculation procedure
(sampling only)

IFA 7750/7750-1 1997 Cooling lubricants and other complex containing hydrocarbons mixtures, non-water-soluble
(sampling only)

IFA 8000 1997 Mineral oils, vapour and aerosol (aliphatic hydrocarbons with high boiling points)

IFA 8408 2018 Polycyclic aromatic hydrocarbons, hard volatile
(sampling only of benzo(a)pyrene)

IFA 8522 1995 Quartz
(sampling individual carried only)

-Translation-

Abbreviations used: see last page

Valid from: 22.10.2018
Date of issue: 22.10.2018
Annex to the accreditation certificate D-PL-18292-01-00

9  Selected emission measurements

DIN EN 1948-1 2006-06
Stationary source emissions - Determination of the mass concentration of PCDDs/PCDFs and dioxin-like PCBs - Part 1: Sampling of PCDDs/PCDFs

DIN EN 12619 2013-04
Stationary source emissions - Determination of the mass concentration of total gaseous organic carbon - Continuous flame ionisation detector method

DIN EN 13284-1 2018-02
Stationary source emissions - Determination of low range mass concentration of dust - Part 1: Manual gravimetric method

DIN EN 14789 2017-05
Stationary source emissions - Determination of volume concentration of oxygen (O₂) - Reference method - Paramagnetism

DIN EN 14792 2017-05
Stationary source emissions - Determination of mass concentration of nitrogen oxides - Standard reference method - chemiluminescence

DIN EN 15058 2017-05
Stationary source emissions - Determination of the mass concentration of carbon monoxide (CO) - Reference method: Non-dispersive infrared spectrometry

DIN 51872-4 1990-06
Testing of gaseous fuels and other gases; determination of the components; gaschromatographic procedure

AA TU 41 2013-06
Continuous measurement of SO₂ based on the withdrawn standard VDI 2462, Sheet 4 (1975-08)

VDI 2066 Sheet 1 2006-11
Particulate matter measurement - Dust measurement in flowing gases - Gravimetric determination of dust load

10  Mechanical-technological investigations of metallic materials

10.1  Tensile testing

DIN ISO 10113 2014-08
Metallic materials - Sheet and strip - Determination of plastic strain ratio

DIN ISO 10275 2014-08
Metallic materials - Sheet and strip - Determination of tensile strain hardening exponent

DIN EN ISO 6892-1 2017-02
Metallic materials - Tensile testing - Part 1: Method of test at room temperature

Abbreviations used: see last page

Valid from: 22.10.2018
Date of issue: 22.10.2018
Annex to the accreditation certificate D-PL-18292-01-00

DIN EN ISO 6892-2 2011-05  Metallic materials - Tensile testing - Part 2: Method of test at elevated temperature
DIN EN 10325 2006-10 Steel - Determination of yield strength increase by the effect of heat treatment (Bake-Hardening-Index)
ASTM A370a 2017 Standard Test Methods and Definitions for Mechanical Testing of Steel Products

10.2 Notch impact bend testing

10.3 Drop weight testing
DIN EN 10274 1999-07 Metallic materials - Drop weight tear test
API RP 5L 3 2014-08 Recommended Practice for Conducting Drop-Weight Tear Tests on Line Pipe

10.4 Hardness measurement
DIN EN ISO 6506-1 2015-02 Metallic materials - Brinell hardness test - Part 1: Test method

10.5 Roughness measurement
DIN EN 10049 2014-03 Measurement of roughness average Ra and peak count RPC on metallic flat products

-Translation-

Abbreviations used: see last page

Valid from: 22.10.2018
Date of issue: 22.10.2018
Annex to the accreditation certificate D-PL-18292-01-00

10.6 Bend testing

DIN EN ISO 5173
2012-02
Destructive tests on welds in metallic materials - Bend tests

DIN EN ISO 7438
2018-04
Metallic materials - Bend test

11 Investigations in accordance with the drinking water regulations (TrinkwV)

Sampling

<table>
<thead>
<tr>
<th>Method</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>DIN ISO 5667-5 (A14) 2011-02</td>
<td>Water quality - Sampling - Part 5: Guidance on sampling of drinking water from treatment works and piped distribution systems</td>
</tr>
<tr>
<td>DIN EN ISO 5667-3 (A 21) 2013-03</td>
<td>Water quality - Sampling - Part 3: Preservation and handling of water samples</td>
</tr>
<tr>
<td>DIN EN ISO 19458 (K 19) 2006-12</td>
<td>Water quality - Sampling for microbiological analysis</td>
</tr>
</tbody>
</table>

ANNEX 1: MICROBIOLOGICAL PARAMETERS

PART I: General requirements for drinking water

<table>
<thead>
<tr>
<th>No.</th>
<th>Parameter</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Escherichia coli (E. coli)</td>
<td>DIN EN ISO 9308-2 (K 6-1) 2014-06</td>
</tr>
<tr>
<td>2</td>
<td>Enterococci</td>
<td>Enterolert®-DW</td>
</tr>
</tbody>
</table>

PART II: Requirements for drinking water intended for dispensing from closed containers

not applicable

ANNEX 2: CHEMICAL PARAMETERS

PART I: Chemical parameters for which as a rule the concentration no longer rises in the supply network, including the drinking water installation

<table>
<thead>
<tr>
<th>No.</th>
<th>Parameter</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Acrylamide</td>
<td>not measured</td>
</tr>
<tr>
<td>2</td>
<td>Benzene</td>
<td>DIN 38407-F 43 2014-10</td>
</tr>
<tr>
<td>3</td>
<td>Boron</td>
<td>DIN EN ISO 17294-2 (E 29) 2005-02 (withdrawn standard)</td>
</tr>
<tr>
<td>4</td>
<td>Bromate</td>
<td>DIN EN ISO 10304-1 (D 20) 2009-07</td>
</tr>
<tr>
<td>5</td>
<td>Chromium</td>
<td>DIN EN ISO 17294-2 (E 29) 2005-02 (withdrawn standard)</td>
</tr>
</tbody>
</table>

-Translation-

Valid from: 22.10.2018
Date of issue: 22.10.2018
<table>
<thead>
<tr>
<th>No.</th>
<th>Parameter</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Cyanide</td>
<td>DIN EN ISO 14403-2 (D 3) 2012-10</td>
</tr>
<tr>
<td>7</td>
<td>1,2-dichloroethane</td>
<td>DIN 38407-F 43 2014-10</td>
</tr>
<tr>
<td>8</td>
<td>Fluoride</td>
<td>DIN EN ISO 10304-1 (D 20) 2009-07</td>
</tr>
<tr>
<td>9</td>
<td>Nitrate</td>
<td>DIN EN ISO 10304-1 (D 20) 2009-07</td>
</tr>
<tr>
<td>10</td>
<td>Active ingredients of pesticide and biocide products</td>
<td>not measured</td>
</tr>
<tr>
<td>11</td>
<td>Total active ingredients of pesticide and biocide products</td>
<td>not measured</td>
</tr>
<tr>
<td>12</td>
<td>Mercury</td>
<td>DIN EN ISO 17294-2 (E 29) 2005-02 (withdrawn standard)</td>
</tr>
<tr>
<td>13</td>
<td>Selenium</td>
<td>DIN EN ISO 17294-2 (E 29) 2005-02 (withdrawn standard)</td>
</tr>
<tr>
<td>14</td>
<td>Tetrachloroethene and trichloroethene</td>
<td>DIN 38407-F 43 2014-10</td>
</tr>
<tr>
<td>15</td>
<td>Uranium</td>
<td>DIN EN ISO 17294-2 (E 29) 2005-02 (withdrawn standard)</td>
</tr>
</tbody>
</table>

**PART II: Chemical parameters for which the concentration in the supply network, including the drinking water installation, can rise**

<table>
<thead>
<tr>
<th>No.</th>
<th>Parameter</th>
<th>Method</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Antimony</td>
<td>DIN EN ISO 17294-2 (E 29) 2005-02 (withdrawn standard)</td>
</tr>
<tr>
<td>2</td>
<td>Arsenic</td>
<td>DIN EN ISO 17294-2 (E 29) 2005-02 (withdrawn standard)</td>
</tr>
<tr>
<td>3</td>
<td>Benzo-(a)-pyrenes</td>
<td>DIN ISO 28540 (F 40) 2014-05</td>
</tr>
<tr>
<td>4</td>
<td>Lead</td>
<td>DIN EN ISO 17294-2 (E 29) 2005-02 (withdrawn standard)</td>
</tr>
<tr>
<td>5</td>
<td>Cadmium</td>
<td>DIN EN ISO 17294-2 (E 29) 2005-02 (withdrawn standard)</td>
</tr>
<tr>
<td>6</td>
<td>Epichlorohydrin</td>
<td>not measured</td>
</tr>
<tr>
<td>7</td>
<td>Copper</td>
<td>DIN EN ISO 17294-2 (E 29) 2005-02 (withdrawn standard)</td>
</tr>
<tr>
<td>8</td>
<td>Nickel</td>
<td>DIN EN ISO 17294-2 (E 29) 2005-02 (withdrawn standard)</td>
</tr>
<tr>
<td>9</td>
<td>Nitrite</td>
<td>DIN EN 26777 (D 10) 1993-04</td>
</tr>
<tr>
<td>10</td>
<td>Polycyclic aromatic hydrocarbons</td>
<td>DIN ISO 28540 (F40) 2014-05</td>
</tr>
<tr>
<td>11</td>
<td>Trihalomethanes</td>
<td>DIN 38407-F 43 2014-10</td>
</tr>
<tr>
<td>12</td>
<td>Vinyl chloride</td>
<td>not measured</td>
</tr>
</tbody>
</table>

Abbreviations used: see last page

Valid from: 22.10.2018
Date of issue: 22.10.2018
ANNEX 3: INDICATOR PARAMETERS

Part I: General indicator parameters

<table>
<thead>
<tr>
<th>No.</th>
<th>Parameter</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Aluminium</td>
<td>DIN EN ISO 17294-2 (E 29) 2005-02 (withdrawn standard)</td>
</tr>
<tr>
<td>2</td>
<td>Ammonium</td>
<td>DIN 38406-E 5 1983-10</td>
</tr>
<tr>
<td>3</td>
<td>Chloride</td>
<td>DIN EN ISO 10304-1 (D 20) 2009-07</td>
</tr>
<tr>
<td></td>
<td></td>
<td>DIN 38405-D 1 1985-12</td>
</tr>
<tr>
<td>4</td>
<td>Clostridium perfringens (including spores)</td>
<td>not measured</td>
</tr>
<tr>
<td>5</td>
<td>Coliform bacteria</td>
<td>DIN EN ISO 9308-2 (K 6-1) 2014-06</td>
</tr>
<tr>
<td>6</td>
<td>Iron</td>
<td>DIN EN ISO 17294-2 (E 29) 2005-02 (withdrawn standard)</td>
</tr>
<tr>
<td>7</td>
<td>Colouring (spectral absorption coefficient for Hg 436 nm)</td>
<td>DIN EN ISO 7887 (C 1) 2012-04</td>
</tr>
<tr>
<td>8</td>
<td>Odour</td>
<td>DIN EN 1622 (B 3) 2006-10</td>
</tr>
<tr>
<td>9</td>
<td>Flavour</td>
<td>DIN EN 1622 (B 3) 2006-10</td>
</tr>
<tr>
<td>10</td>
<td>Colony count at 22 °C</td>
<td>TrinkwV§15 Paragraph (1c)</td>
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<tr>
<td>11</td>
<td>Colony count at 2236 °C</td>
<td>TrinkwV§15 Paragraph (1c)</td>
</tr>
<tr>
<td>12</td>
<td>Electrical conductivity</td>
<td>DIN EN 27888 (C 8) 1993-11</td>
</tr>
<tr>
<td>13</td>
<td>Manganese</td>
<td>DIN EN ISO 17294-2 (E 29) 2005-02 (withdrawn standard)</td>
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<tr>
<td>14</td>
<td>Sodium</td>
<td>DIN EN ISO 11885 (E 22) 2009-09</td>
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<tr>
<td>15</td>
<td>Organically bound carbon (TOC)</td>
<td>DIN EN 1484 (H 3) 1997-08</td>
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<tr>
<td>16</td>
<td>Oxidizability</td>
<td>DIN EN ISO 8467 (H 5) 1995-05</td>
</tr>
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<td>17</td>
<td>Sulfate</td>
<td>DIN EN ISO 10304-1 (D 20) 2009-07</td>
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<td>18</td>
<td>Turbidity</td>
<td>DIN EN ISO 7027 (C 2) 2000-04</td>
</tr>
<tr>
<td>19</td>
<td>Hydrogen ion concentration</td>
<td>DIN EN ISO 10523 2012-04</td>
</tr>
<tr>
<td>20</td>
<td>Calcite solubility</td>
<td>DIN 38404-C 10 2012-12</td>
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Part II: Special requirements for drinking water in drinking installation systems

not applicable

Parameters not included in Annexes 1 to 3 of the drinking water Regulations of 2001

Further periodic investigations

<table>
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<tr>
<th>Parameter</th>
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<tbody>
<tr>
<td>Calcium</td>
<td>DIN EN ISO 11885 (E 22) 2009-09</td>
</tr>
<tr>
<td>Potassium</td>
<td>DIN EN ISO 11885 (E 22) 2009-09</td>
</tr>
<tr>
<td>Magnesium</td>
<td>DIN EN ISO 11885 (E 22) 2009-09</td>
</tr>
<tr>
<td>Acid capacity</td>
<td>DIN 38409-H 7 2005-12</td>
</tr>
</tbody>
</table>

-Translation-

Abbreviations used: see last page

Valid from: 22.10.2018
Date of issue: 22.10.2018
Annex to the accreditation certificate D-PL-18292-01-00

<table>
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<tr>
<th>Parameter</th>
<th>Method</th>
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<tbody>
<tr>
<td>Phosphate</td>
<td>DIN EN ISO 11885 (E 22) 2009-09</td>
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</tbody>
</table>

The accreditation does not replace the recognition or approval procedures of the responsible regulatory authorities in accordance with Article 15, Paragraph 4 of the drinking water regulations.

Abbreviations used:

- AA TU... Arbeitsanweisung Hausmethode der Salzgitter Flachstahl GmbH (In-house work instruction of the Salzgitter Flachstahl GmbH)
- API RP... American Petroleum Institute Recommended Practice
- ASTM American Society for Testing and Materials
- AV TCCO... Analysenvorschrift Hausmethode der Salzgitter Flachstahl GmbH (In-house analytical specification of the Salzgitter Flachstahl GmbH)
- IFA Berufsgenossenschaftliches Institut für Arbeitsschutz (German Occupational Insurance Institute)
- DIN Deutsches Institut für Normung (German Institute for Standardization)
- EN Europäische Norm (European standard)
- IEC International Electrotechnical Commission
- ISO International Organization for Standardization
- NACE TM Standard Method of NACE International - The Corrosion Society
- PSA Peugot Société Anonyme (Anonymous Peugot Society)
- SEB Stahleisenbetriebsblatt (Basic Pig Iron Works Sheet)
- TrinkwV Trinkwasserverordnung (drinking water regulations)
- VDI Verein Deutscher Ingenieure (Association of German Engineers)

Translation

Valid from: 22.10.2018
Date of issue: 22.10.2018