Drainage technology - floor drains Drainage technology - drainage channels Drainage technology - parking areas Drainage technology - landscaping Manholes & pipe leadthroughs Crash guards & edge protectors Doors & windows

# **Control cabinets**

**Special commissions** 



WIEDEMANN-TECHNIK Quality in stainless steel



When designing and manufacturing control cabinets, Wiedemann always focuses on the specific needs and requirements of customers. Our control cabinets are tailor-made to suit the intended purpose.

Our stainless steel control cabinets and control panels are characterized by excellent corrosion resistance and durability. All surfaces are polished, grain blasted, coated or powder-coated, which helps repel dirt and bacteria for enhanced hygiene and easy cleaning. Stainless steel control cabinets protect the electrical and electronic components in operating equipment.

To prevent damage from external factors, such as moisture, foreign objects or other environmental effects, our control cabinets are produced with various protection classes as per DIN EN 60529 or DIN 40050. The protection class is indicated by an international code (International Protection = IP) according to the following system:



- Protection of persons against access to hazardous parts inside the housing
- Protection of equipment inside the housing against the ingress of foreign objects
- Protection of equipment inside the housing against damage from the ingress of water

The first digit indicates protection against the ingress of solid particles. The second digit indicates the protection class against the ingress of water.

Our control cabinets are available with the following IP protection classes in accordance with standard DIN EN 60529:

- IP 651st digitDust protection2nd digitProtection against splashing water
- IP 66 1st digit Dust protection 2nd digit protection against splashing water
- IP 69K according to DIN 40050 Part 9 1st digit Dust protection 2nd digit Protection against high-pressure steamjet cleaning, specifically for road cleaning vehicles – incoming water must not cause any damage

Three different sealing systems prevent the ingress of moisture as well as damage.

The housings for Wiedemann control cabinets and control panels are manufactured according to the protection classes from IP 65 to IP 69K (not including IP 67 and IP 68). The profiled seals glued to the doors provide protection from IP 54 to IP 69K or, alternatively, the hygiene seal that closes the gap between the door and the body. For special applications, such as operation under adverse environmental or weather conditions, however, we require detailed information from the customer, as the test conditions of the IP protection class are not equivalent to all conditions that might occur in certain industries.

The following additional letters have been defined for this purpose:

- H = High voltage equipment
- M = Tested for damaging effects from the ingress of water when the movable parts of the equipment are in operation
- S = Tested for damaging effects from the ingress of water when the movable parts of the equipment are not in operation
- W = Suitable for use under defined weather conditions and equipped with additional protective measures or processes







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# Compact control cabinet KSC





Compact control cabinets are particularly suitable for installation in the machine, but they can also be used as wall-mounted cabinets.

# **Standard equipment**

- Sheet metal thickness: Cabinet body 1.5 mm / door 2.0 mm
- Material: Made entirely from stainless steel Material 1.4301 (AISI 304)
- Surface: Polished (grain size 400)
- Hinges: 117° inside hinges
- Locking mechanism: Latch lock with 5 mm double bit insert

#### **Equipment options**

Stainless steel: Surface: Hinges: Latch lock mechanisms:

Seal: Door closing:

Mounting panel:

Protection class:

- 1.4571 (AISI 316)
  Grain-blasted
  180° outside latch hinge
- Double bit 3 mm
- Triangle 8 mm
- Square 8 mm
- Locking mechanism: Rod-locking mechanism (three-point locking)
  - Hollow section clamped profile
  - left-hand
  - Stainless steel
  - IP 66

Protection class: IP 65Housing and doors with earth bolts

Right-hand door closure

Seal: Silicone profile gasket, 25 x 10, blue

Mounting panel: S235 (St37) galvanised

- 1.4404 (AISI 316L) ■ Grain size 240 polished
- T-handle
- Lock handle
- Latch handle
- AluminiumIP 69 K

#### **Accessory equipment** Rain roof or weather roof Glass / Makrolon sight window Cable flange plate ■ Water jet protection hood Swivelling frame Base Monitor cover Drawer mechanism Transport eyelets Surface-mounted door Door stopper **Customised features** ■ Roof pitch Roof overhang Cut-outs Holes Sheet metal thickness 2-3 mm Special requirements

# Pickled

# Free-standing control cabinet SSC





The bodies of our free-standing control cabinets meet even the most stringent sealing requirements while also featuring customised dimensions, which makes them perfectly suitable for areas with increased hygiene requirements.

### **Standard equipment**

- Sheet metal thickness: Cabinet body 1.5 mm / door 2.0 mm
- Material: Made entirely from stainless steel
- Material 1.4301 (AISI 304)
- Surface: Polished (grain size 400)
- Hinges: 117° inside hinges
- Locking mechanism: Rod-locking mechanism with three-point locking with double bit insert 5 mm

# **Equipment options**

Latch lock mechanisms:

Locking mechanism:

Door closing:

Mounting panel:

Protection class:

Stainless steel: Surface:

Hinges:

Seal:

- ■1.4571 (AISI 316)
  - Grain-blasted180° outside latch hinge
  - Double bit 3 mm
  - Triangle 8 mm
  - Square 8 mm
  - Rod-locking mechanism (three-point locking)
  - Hollow section clamped profile
  - ■left-hand
- Stainless steel
- IP 66

- Seal: Silicone profile gasket, 25 x 10, blueRight-hand door closure
- Mounting panel: S235 (St37) galvanised
- Protection class: IP 65

T-handle Lock handle

Latch handle

Aluminium

IP 69 K

Housing and doors with earth bolts

1.4404 (AISI 316L)
 Grain size 240 polished

Pickled

 Accessory equipment

 •Rain roof or weather roof
 •Glass / Makrolon sight window
 •Cable flange plate

 •Water jet protection hood
 •Swivelling frame
 •Base

 •Monitor cover
 •Drawer mechanism
 •Transport eyelets

 •Surface-mounted door
 •Door stopper

Customised features		
■ Roof pitch	■ Roof overhang	■ Cut-outs
■ Holes	■ Sheet metal thickness 2-3 mm	
<ul> <li>Special requirements</li> </ul>		

# Series control cabinet ASC



Pickled



Our series control cabinets come with non-removable roof and rear panel sections to minimize gaps, making them suitable for use in areas where stringent hygiene requirements must be met.

### **Standard equipment**

- Sheet metal thickness: Cabinet body 1.5 mm / door 2.0 mm
- Material: Made entirely from stainless steel
- Material 1.4301 (AISI 304)
- Surface: Polished (grain size 400)
- Hinges: 117° inside hinges
- Locking mechanism: Rod-locking mechanism with double bit insert 5 mm

### **Equipment options**

- Stainless steel: Surface: Hinges: Latch lock mechanisms:
- 1.4571 (AISI 316)
  Grain-blasted
  180° outside latch hinge
- Double bit 3 mm

Hollow section clamped profile

Triangle 8 mm

left-hand

IP 66

Stainless steel

- Square 8 mm
   Locking mechanism:
   Rod-locking mechanism (three-point locking)
- Seal: Door closing: Mounting panel:

Protection class:

1.4404 (AISI 316L)Grain size 240 polished

Seal: Silicone profile gasket, 25 x 10, blue

Mounting panel: S235 (St37) galvanised

Housing and doors with earth bolts

Connecting material and seals are included in the delivery

Right-hand door closure

Protection class: IP 65

- T-handle
- Lock handle
- Aluminium IP 69 K

#### **Accessory equipment** Rain roof or weather roof Glass / Makrolon sight window Cable flange plate Water jet protection hood Swivelling frame Base ■ Side wall Monitor cover Drawer mechanism Surface-mounted door Door stopper Transport eyelets **Customised features** ■ Roof pitch Roof overhang Cut-outs Sheet metal thickness 2-3 mm Holes

Special requirements

# Control panel SCP





The control panels are manufactured with an inclined cover and roof overhang. The standard panel cover comes with a gas spring to keep the cover in place.

#### **Standard equipment**

- Sheet metal thickness: Cabinet body 1.5 mm / door 2.0 mm
- Material: Made entirely from stainless steel
- Material 1.4301 (AISI 304)
- Surface: Polished (grain size 400)
- Hinges: 117° inside hinges
- Locking mechanism: Latch lock with 5 mm double bit insert
- **Equipment options**

Latch lock mechanisms:

Locking mechanism:

Door closing:

Mounting panel:

Protection class:

Stainless steel:

Surface:

Hinges:

Seal:

- ■1.4571 (AISI 316)
- Grain-blasted
  - 180° outside latch hinge
  - Double bit 3 mm
  - Triangle 8 mm
  - Square 8 mm
  - Rod-locking mechanism (three-point locking)
  - Hollow section clamped profile
  - left-hand
- Stainless steelIP 66

1.4404 (AISI 316L)Grain size 240 polished

Housing and doors with earth bolts

Seal: Silicone profile gasket, 25 x 10, blue

Mounting panel: S235 (St37) galvanised

Panel cover with gas springs to keep cover in place

■ T-handle

Right-hand door closure

Protection class: IP 65

- Lock handleLatch handle
- AluminiumIP 69 K

Pickled

- Accessory equipment

   •Water jet protection hood
   •Drawer mechanism

   •Monitor cover
   •Door stopper

   •Surface-mounted door
   •Cable flange plate
  - Swivelling frame

Customised features				
Cut-outs	■ Sheet metal thickness 2-3 mm			
■ Holes				
■Special requirements				

# Electronic control cabinet ESC





The electronic control cabinets are equipped with a 19"rack rail.

## **Standard equipment**

- Sheet metal thickness: Cabinet body 1.5 mm / door 2.0 mm
- Material: Made entirely from stainless steel
- Material 1.4301 (AISI 304)
- Surface: Polished (grain size 400)
- Hinges: 117° inside hinges
- Locking mechanism: Latch lock with 5 mm double bit insert

### **Equipment options**

Stainless steel: Surface: Latch lock mechanisms:

- Seal: Door closing: Mounting panel: Protection class:
- 1.4571 (AISI 316)
  Grain-blasted
  Double bit 3 mm
  Triangle 8 mm
  Square 8 mm
  Hollow section clamped profile
- left-handStainless steel
- IP 66

- Seal: Silicone profile gasket, 25 x 10, blue
- Right-hand door closure
- Mounting panel: S235 (St37) galvanised
- Protection class: IP 65
- with 19"rack rail
- Centre section can be swivelled out
- Housing and doors with earth bolts
  - 1.4404 (AISI 316L)Grain size 240 polished

Pickled

AluminiumIP 69 K

# Accessory equipment

- Glass / Makrolon sight window
- Cable flange plate

Customised feat	ures	
■ Roof pitch	Roof overhang	■Cut-outs
■ Holes	■ Sheet metal thickness 2	2-3 mm
Special requirements		

# **Operating housing** BG





Our operating housings are custom-made and can be produced with cut-outs for conventional housing couplings. We also provide our own housing couplings that come without external fixing screws for excellent hygiene. Support arms are custom-made according to your specifications. The housings are particularly suitable for use on/in machine displays. They effectively protect electronic systems from contamination and moisture.

## **Standard equipment**

- Sheet metal thickness: Cabinet body 1.5 mm / door 2.0 mm
- Material: Made entirely from stainless steel
- Material 1.4301 (AISI 304)
- Surface: Polished (grain size 400)
- Locking mechanism: Latch lock with 5 mm double bit insert
- Seal: Silicone profile gasket, 25 x 10, blue
- Right-hand door closure
- Protection class: IP 65
- Housing and doors with earth bolts

## **Equipment options**

Stainless steel: Surface: Hinges: Latch lock mechanisms:

Seal: Door closing: Mounting panel: Protection class: 1.4571 (AISI 316)Grain-blasted

- 117° inside hingesDouble bit 3 mm
- Triangle 8 mm
- Square 8 mm
- Hollow section clamped profile
- left-handStainless steel
- IP 66

- ■1.4404 (AISI 316L)
- Grain size 240 polished
- 180° outside latch hinges

■T-handle

Silicone, blue hygiene

AluminiumIP 69 K

Pickled

Lock handleLatch handle

Accessory equipme	ent		
■ Water jet protection hood	■ Support tube		
Monitor cover	<ul> <li>Housing coupling</li> </ul>		
Glass / Makrolon sight windo	)W		
■Tubular handle			
Customised feature	es		
■Roof pitch	■Roof overhang	■ Cut-outs	
■Holes	■Sheet metal thickness	2-3 mm	

# Terminal box KG





Terminal boxes are available with screw-mounted cover, covers secured by latches or covers with latches and hinges.

### **Standard equipment**

- Sheet metal thickness: Cabinet body 1.5 mm / door 2.0 mm
- Material: Made entirely from stainless steel
- Material 1.4301 (AISI 304)
- Surface: Polished (grain size 400)

- Locking mechanism: Cover locked with screws
- Seal: Silicone profile gasket, 25 x 10, blue
- Protection class: IP 65
- Cover with earth bolts

## **Equipment options**

- Stainless steel: Surface: Hinges: Latch lock mechanisms:
- Seal: Door closing: Mounting panel: Protection class:
- 1.4571 (AISI 316)
  Grain-blasted
  117° inside hinges
  Double bit 3 mm
  Double bit 5 mm
  Triangle 8 mm
  Square 8 mm
  Hollow section clamped profile
  left-hand
  Stainless steel

■IP 66

# 1.4404 (AISI 316L)Grain size 240 polished

Aluminium

■ IP 69 K

■Pi

Pickled

Subject to technical changes. 07/2018 Our current technical specifications are available on our website: www.wiedemann-technik.de

## Accessory equipment

- Rain roof or weather roof
- Cable flange plate

 Customised features

 • Roof pitch
 • Roof overhang
 • Cut-outs

 • Holes
 • Sheet metal thickness 2-3 mm

 • Special requirements
 • Sheet metal thickness 2-3 mm

# Compact control cabinet with UL certification KSC-UL





The compact control cabinet with UL certification has been tested for leak tightness and impact resistance according to Northern American standards, making it suitable for export to the United States and Canada. Protection class UL type 4X is comparable to protection class IP 66.

#### **Standard equipment**

- Sheet metal thickness: Cabinet body 2.0 mm / door 2.0 mm
- Material: Made entirely from stainless steel
- Material 1.4301 (AISI 304)
- Surface: Polished (grain size 400)
- Hinges: inside hinges
- Locking mechanism: Stainless steel hygiene latch

- Seal: Silicone, blue
- Right-hand door closure
- Mounting panel: S235 (St37) galvanised
- Protection class: 4X, IP 69 K
- Housing and doors with earth bolts

### **Equipment options**

Stainless steel: Surface: Door closing: Mounting panel: 1.4571 (AISI 316)
Grain-blasted
left-hand
Stainless steel

1.4404 (AISI 316L)
 Grain size 240 polished

Aluminium

Pickled

<b>Customised features</b>	
■Roof pitch	■ Roof overhang
Sheet metal thickness 2-3 mm	■ Special requirements
■ Recesses and cut-outs (must be clo	osed in accordance with UL specifications)

# Compact control cabinet with hygiene certificate KSC-H



Pickled



One special feature of the compact control cabinet KSC-H is that it can be used in both areas involving water-jet applications and in the food industry.

The KSC-H is suitable for supporting electrical components in the food and packaging industry in accordance with DIN EN 1672-2, DIN EN ISO 14159 and EHEDG DOC 13.

### **Standard equipment**

- Sheet metal thickness of cabinet body 1.5 mm / door 2.0 mm
- Material: Made entirely from stainless steel
- Material 1.4301 (AISI 304)
- Surface: Polished (grain size 400)
- Hinges: inside hinges
- Locking mechanism: Stainless steel hygiene latch
- Roof overhang with drip edge

#### **Equipment options**

Stainless steel: Surface: Door closing: Mounting panel: 1.4571 (AISI 316)
Grain-blasted
left-hand
Stainless steel

- Roof pitch
- Seal: Silicone, blue
- Right-hand door closure
- Mounting panel: S235 (St37) galvanised
- Protection class: IP 66, IP 69 K
- Housing and doors with earth bolts
- No external parts
- 1.4404 (AISI 316L)Grain size 240 polished
  - Gram 5120 2 10 pons
- Aluminium

#### **Customised features**

|--|

■ Holes (must be closed in line with hygiene requirements)

Cut-outs (must be closed in line with hygiene requirements)

# Cleaning and care instructions for stainless steel



These instructions are provided for information purposes only and do not imply any warranty or damage claims.



#### 1. Introduction

As is generally known, stainless steels have significantly improved corrosion resistance when compared to non-alloyed or low alloy steels. They are resistant to numerous aggressive media and do not require any additional surface protection.

Deposits on the stainless steel surface may, however, affect corrosion resistance, which is why the stainless steel products you have purchased should be cleaned and cared for on a regular basis.

#### 2. Corrosion resistance

The alloy components contained in the material result in the formation of a thin passive layer with a thickness of only a few atomic layers. This passive layer forms repeatedly under the influence of oxygen from air and water. This requires an uncoated metallic surface that is free from contamination.

#### 3. Basic cleaning

The first basic cleaning is usually performed after construction is complete and before the products are put into operation by the client.

During transportation, storage, processing and installation, stainless steel surfaces are effectively protected by means of a plastic film. This protective film, however, are not permanently resistant to light and UV irradiation and are difficult to remove after some time. Film residue that is difficult to remove may remain on the surface. We recommend removing films as soon as they are no longer required for protection at the construction site, and no later than a few weeks after the product has been delivered. This should always be done from top to bottom. Glue residue from the film should be removed using warm water and a mild dish washing liquid to avoid adhesion that could prevent material passivation.

Lime and mortar splatters can be removed using diluted phosphoric acid. Rinse thoroughly with clear water afterwards. The use of demineralised water provides additional protection from the formation of lime spots.

Special products for this particular purpose are offered by various manufacturers of care products. Cement residue remover for tiles or diluted hydrochloric acid must not be used under any circumstances. Rinse thoroughly with clear water if they accidentally come into contact with the stainless steel surface.

Other contractors, such as floor tilers, are not always are of the damage caused by lime residue remover and diluted hydrochloric acid on stainless steel.

Iron particles must be removed immediately from tools, scaffolding and means of transport. Grinding dust, chips and welding splatters resulting from work with construction steel in the vicinity of the stainless steel work corrode faster if they settle on stainless steel. They may break through the passive layer of the stainless steel locally and lead to point-shaped corrosion marks.

If this contamination is detected soon enough, it can be removed using conventional (non-ferrite) household cleaning sponges or special cleaners. Rinse thoroughly with clear water to clean the surface and give the material the opportunity to rebuild the passive layer.

# Cleaning and care instructions for stainless steel



If a corrosion attack has already begun, mechanical surface treatment or (preferably) pickling treatment is unavoidable. Pickling agents are also available as pastes for local applications. You must follow environmental protection regulations as well as the manufacturer's instructions on occupational health and safety when using these agents. There are also specialised companies that carry out such commissioned work on site.

Pickling treatments fully restore the original corrosion resistance of stainless steel. However, there may be optical changes in the surface so that the surface may have to be reworked by grinding and polishing. That is why we recommend that you prevent all contamination with tramp iron, such as by using protective films or by carrying out stainless steel work after all construction steel work is finished.

#### 4. General cleaning

For outside applications, the cleaning effect of rain is usually sufficient to prevent damaging deposits. Surfaces not reached by the rain should be cleaned to prevent deposits from air contamination. Cleaning is particularly important in coastal and industrial surroundings that can have a concentration of chlorides and sulphur dioxide (this also includes the undersides of horizontal profiles) for which the selected steel type has not been designed.

Applications in inside areas must primarily focus on the prevention and removal of fingerprints. Stainless steel comes in a wide range of surfaces, some of which are particularly intended for use in high-traffic areas. Thus the selection of a suitable surface as early as the planning stage can help minimise future cleaning costs.

Fingerprints are an initial phenomenon on the popular brushed and ground surfaces. Their visibility decreases significantly after some cleaning cycles.

#### 5. Cleaning agents

Diluted dish washing liquid is usually sufficient to remove fingerprints. Some cleaner manufacturers offer special products that feature a care component in addition to the cleaning effect. Such agents completely remove fingerprints and leave a thin film that provides the treated surfaces with a consistent appearance. Polish with a dry cloth after application.

Bright annealed and mirror polished surfaces can be treated with non-chloride glass cleaners.

For persistent contamination, it is a good idea to use household cleansing milk that also removes lime marks and slight discolouration. After cleaning, rinse the surface with clear water. Rinse with demineralised water (such as the kind used for irons that is sold in supermarkets) prevents the formation of lime marks when drying. Next, wipe the surface dry. Scouring powder is not suitable as it scratches the surface.

Very oily and greasy contamination can be removed using alcoholic cleaners and solvents, such as ethyl alcohol, isopropyl alcohol or acetone, all of which are unproblematic for stainless steel. Care must be taken to ensure to keep the loosened contamination from being spread across the surface during the cleaning process. Cleaning must be repeated using clean cloths until all traces have been removed.

There are special alkaline and solvent-based cleaners for removing traces of paint and graffiti. Do not use knives and scrapers as they will scratch the metal surface.

Severely neglected surfaces may be treated with polishes such as those used to treat chromium parts on cars. You may also use rubbing compounds for treating aged car paint, but these must be used with care as they may leave stress marks on stainless steel.

Another alternative are special stainless steel cleaners containing phosphoric acid such as those recommended above for removing tramp iron contamination. These agents should be used on the entire component to prevent staining.

Always follow instructions and regulations on occupational safety and environmental protection when cleaning.

Cleaning agents not suitable for stainless steel:

- Products containing chloride, especially hydrochloric acid,
- bleaching agents (rinse thoroughly with clear water if used or spilled accidentally on stainless steel)
- silver cleaning agents.



### 6. Cleaning utensils

A soft cloth or chamois is usually sufficient to remove fingerprints.

For persistent contamination use household (non-ferrite) cleaning sponges. Do not ever use ferrous scrubbing sponges, steel wool or steel brushes because they release corrosive tramp iron particles to the stainless steel surface.

Soft nylon brushes are good for cleaning pattern rolled surfaces. Steel brushes (particularly those made from carbon steel) are damaging.

On brushed and ground surfaces (2G, 2J, 2K to DIN 10088/3), always wipe in the direction of the grind, not across it.

When cleaning with water, wipe the surfaces dry afterwards, especially in regions with hard water, to prevent the formation of lime marks Mineralised water helps prevent this problem.

Do not use cleaning utensils previously used for "normal" steel in order to prevent tramp iron contamination. We recommend having separate cleaning utensils ready for stainless steel surfaces.

#### 7. Cleaning intervals

The cleaning intervals for stainless steel in inside applications are not essentially different from those for other surfaces. In order to keep the amount of work and costs as low as possible, cleaning should always be performed before severe contamination occurs. In outside areas, stainless steel may be exposed to various types of corrosive stress, such as

- coastal environments,
- industrial emissions,
- spills containing road salt,
- air pollution and traffic exhaust emissions.

In the long run, these factors may lead to discolouration. Cleaners containing phosphoric acid reliably remove such discolouration.

Generally, cleaning the stainless steel surfaces at the same intervals as the glass surfaces has proven to be a good guide value, especially under high optical stress or corrosive ambient conditions. In areas with low pollution levels, general cleaning should be performed every few years, and in areas with higher pollution levels, especially in covered areas not reached by the rain, every few months.

#### 8. Source:

Info sheet 965 - Cleaning and care of stainless steel in construction

(Informationsstelle Edelstahl Rostfrei, Internet 2009)

# Accessories, cleaning and care products







### **Polishing fleece**

- removes dirt, corrosion and other contamination
- matt-polishes surfaces
- for minor deburring work

# **Stainless steel finish**

- forms a protective film on the treated surface
- removes all detergent and polish residue and renews the sheen of stainless steel surfaces



#### **Stainless steel cleaner**

- gently and thoroughly cleans stainless steel surfaces
- easily removes water stains, grease, tempering colours, glue and lime residue.

# Certificates



Wiedemann control cabinets are produced in process chain certified to DIN EN ISO 9001, which not only delivers consistent products in volume production but also offers high quality in the production of individual parts.

Our customised control cabinet designs are sought after by customers

- Who require special attachments, such as mounting angles on the control cabinet
- Who not only need sheet metal (1-20mm) for their control cabinet, but also tubes, sleeves and milled and turned parts made from stainless steel
- Who have particularly high requirements for corrosion protection
- Who have very high hygienic standards
- Who want reliable prices, delivery and quality
- Who want customised and highly accurate cut-outs and holes
- Who need an expert on control cabinet technology

Wiedemann-Technik support their customers when it comes to technical issues, prototype construction and small and medium volume production. Design is closely linked to manufacturing, which ensures short delivery times and supports the customer with finished part drawings or CAD models. Based on the current welding certificates and our in-house and external quality assurance, we manufacture products that easily meet even the toughest ageing and corrosion tests.

ZE	rtifikat	DER ZERTIFIZIERUNGSP	RT
Dieses Schweißzertifikat ist e Konformität der Werkseigene Zertifikat im C	eine Anlage zum Zertifikat Nr. 2499 – CPR -0114096-00-02 über die In Produktionskontrolle und ist nur in Verbindung mit dem genannten Seltungsbereich der Bauproduktenverordnung gültig.	7ertifikat	
Herstellerwerk(e):	Wiedemann GmbH Siemensstraße 16-18 D - 25813 Husum		
Maßgebende Betriebsstätte:	wie vorstehend genannt	Managementsysteme mbH bescheinigt, dass das Unternehmen	
Technische Spezifikation:	EN 1090-2:2011-10 DIBt- Zulassungsbescheid Z-30.3-6		
Ausführungsklasse:	Stahltragwerke und Bausätze bis EXC2 nach EN 1090-2		
Schweißprozess(e):	135 - MAG - Metall- Aktívgasschweißen 141 - WIG - Wolfram- Inertgasschweißen		
Grundwerkstoff(e):	1.4301, 1.4307, 1.4401, 1.4404, 1.4541, 1.4571 nach EN 10088	Windowsky Cashy	
Verantwortliche Schweißaufsicht:	Thomas Petersen geb. 28.03/1975 Schweißfachmann (DVS)	Siemenssh-116-18 25813 Husum	
Vertreter:	Rainer Christiansen Schweißfachmann (1995)	iür den Geltungsbereich	
Bemerkungen:	Innernen Bartischlandssind die jeweils gültige Bauregelliste und des zuenförge Anpässungsrichtlinie Stahibau zu beachten. Härnisturgehöhde Stahie Ist innerhalb Deutschlands zusätzlich der Zubassungsbescheid Z-30.3-6 des Deutschen Instituts für Bautechnik (DBI) zu beachten.	Vertrieb, Herstellung und Entwicklung von Edelstahlprodukten	
Gültigkeitsbeginn:	08.05.2015	hat and anwendet	
Nächste Überwachung:	07.05.2017 (Vor-Ort-Inspektion)	Durch ein Augir Nr. 41015 wurde	
Zertifikat-Registrier-Nr.:	SCH 0114096-00-02 Bonn, den 07.04.2015	nachgewiesen, aass die Forderungen nach	
- and a second second	$\cap$	DIN EN ISO 9001:2008	
10. 1. 1	and the		
Marinet b	Miler Andreas Otte	Guingkeit des Zerlinkates: 2014-07-25 - 2017-07-24	
Vorsitzender des Len	ikungsgremiums Leiter der Zertifizierungsstelle	Zertifikat-Register-Nummer : 50146 - Revision 0	
	ZDHZERT	Hannover, 2014-07-25	erungsstelle 192-01-01
Z	2DH-ZERT GmbH, Ennemosenstr. 10, 53119 Bonn	FU-CERT Zertifizierungsgesellschaft für Managementsysteme mbH, Prinzenstr, 10A, 301 59 Hannaver Das fertifiziert ab dem 2. John nur mit einem Hachweis der abgeschlassenen Dewischungswettniven götig.	

subject to technical changes. 07/2018 Our current technical specifications are available on our website: www.wiedemann-technik.de



**WIEDEMANN-TECHNIK** Quality in stainless steel



# Wiedemann GmbH Siemensstraße 16–18 | D-25813 Husum | Phone +49 4841 778-0 | Fax +49 4841 1687 info@wiedemann-technik.de | www.wiedemann-technik.de