

Technical Datasheet

for Personal Protective Equipment: New Bochum goggles with hinge

<u>Articleno.:</u> BFKBB001		<u>Description:</u> New Bochum goggles 300x180mm with lens 60x120mm with hinge	
<u>EN Norms:</u>		<u>CE-Certificate:</u>	
EN 166			C4774UHL/R1
Technical features			
Weight: 110g			
<ul style="list-style-type: none">Heat shield made of galvanized wire clothlenses with the dimensions 60x120mm fit into the sturdy window framesprotects the face against radiant heat		<ul style="list-style-type: none">to avoid reflections the inside is blackenedthe Bochum goggles can be attached to a helmet by means of hinge	
<u>Used materials:</u>			
Wire cloth:	galvanized iron, W 0,51 D 0,24		
Edging	Alu-sheet 0,50mm		
Window frame	Alu-sheet 0,80mm		
Hinge	Alu-sheet 1,00mm		
<u>Fields of use:</u>			
<ul style="list-style-type: none">Heavy industry: esp. steel industry, foundries, chemical plants		<ul style="list-style-type: none">IR-protection	
<u>Marking:</u>		UHL CE on the back, upper right side	

User manual

New Bochum Goggles with hinge or with aluminium rail



Description

New Bochum goggles with lens attached to hard hat.

- The New Bochum goggles are made in two dimensions: 300x180mm or 200x135mm.
- In these dimensions the Bochum goggles are made of zined wire cloth or aluminium sheet.
- To enhance the stiffness the wire cloth is edged with an aluminium frame.
- The inside of the goggles is blackened so that the wearer is not blinded by glare from the inside.
- The window is made of sturdy aluminium sheet, which is pressed with the wire cloth.
- In the window fit inspection glasses and PC-visors with the dimensions 60x120mm or 50mm diameter.
- The lenses are securely clamped in the frame by two steel springs.

- Two types of attachment are available for Bochum goggles. By default the goggles can be screwed to the hard hat with a folding hinge. Alternatively, they can be attached to an universal visor carrier with an aluminium rail.

Manual

- Before using the Bochum goggles you have to make sure that a lens is inserted.
- For changing the lenses, you have to raise the steel springs and turn them aside. Now the lens can be inserted and the steel springs can be returned to their original position.
- The Bochum goggles is attached to the hard hat by means of a folding hinge. For this, the brim of the hard hat must be drilled and the enclosed M5 screw is attached to the hard hat with the flange nut. The folding hinge can now be shoved on the hard hat and fixed with a wing nut.

- The Bochum goggles are attached to the hard hat by means of a folding hinge. For this, the aluminium rail is attached to a visor carrier with its oval holes.

Storage

Personal protective equipment should be stored in dry rooms. Especially components made of plastics should not be exposed to intense solar radiation.

Cleaning

The Bochum goggles should only be cleaned with thinner or compressed air.

To avoid any scratches on the lenses, no hard or grained objects should be used for the cleaning. As far as possible the lenses should be cleaned with compressed air.

Disinfection

The Bochum goggles can be treated with mild, standard disinfectants.

Safety checks

Before using the Bochum goggles the user should do a safety check. Damaged face shields or other damaged parts have to be replaced.

Maintenance/repairs

Maintenance has to be conducted on a regular basis.

To be checked in particular:

- Attachment and fit of the lenses.
- Mobility of the folding hinge.
- Rivetted connection of the aluminium rail with the Bochum goggles.
- Welded seam between Aluminium window frame and the wire cloth.

Repairs can only be done with the original parts of the manufacturer

Decay time/aging

New Bochum goggles are exposed to strong IR-radiation. Therefore no general decay time can be stated. It depends on the duration of use and the overall condition. After 3 years the latest the personal protective equipment should be replaced

Used materials (depending on model)

- Zined wire cloth
- Alu-sheet 0,8mm
- Alu-sheet 0,5mm
- Heatresistant hard-coating

Marking of the New Bochum goggles:

UHL CE

The article is tested according to EN 166:2001 (in conjunction with Regulation (EU)2016/425).

Explanation of the marking:

UHL = Manufacturer
Rudolf Uhlen
CE = CE sign

Notified Body:

DIN CERTCO Gesellschaft für Konformitätsbewertung mbH
Alboinstr. 56
12103 Berlin
Notified Body: No. 0196

General remarks

The New Bochum goggles must be securely attached to the hard hat. This happens either directly (screw connection) or with the right hard hat carrier (all Rudolf Uhlen GmbH carriers)

When approaching the danger zone, the New Bochum goggles have to be flipped down.

The user is responsible to use the correct filter lenses. The following aspects have to be considered:

- Type of optical radiation (IR- or UV-radiation).
- Intensity of the radiation (protective shade according to EN 170 and EN 171).
- Mechanical risks due to flying particles.

It has to be considered that the Bochum goggles do not cover the whole face therefore provide only limited protection against mechanical risks. In addition no PC-visors with 1mm thickness can be used in the window frame. The visors have to be at least 2mm thick or must be made of laminated glass.

The user has to take in consideration that the optical radiation only hits the eye through the filter glass. The wire cloth does not provide sufficient protection against the radiation. The same applies for radiation coming from the side of the Bochum goggles.

The window frame has only a limited field of vision that does not comply to the normed field of vision of the EN 166. Therefore the Bochum goggles can only be used for focused works for a short time.

Warning!

The safety officer has to be contacted to make sure that the user is working safely.

Eye-protection devices against particles with high velocity could transmit the impact energy, if the device is worn together with standard glasses.

If the eye-protection device is composed of two different de-

vices, only the protection of the device with the lower protection class is given.

If the articles are used in high temperature areas, you have to use articles with the test marking "BT". The letter T indicates a test environment of extreme temperatures (EN 166).

The CE-testing does not include the lenses made of minerals.

The Bochum goggles should only be used for a short period of time and then only dedicated to a certain purpose – that is working with hot metal. The protective effect exists only if the look is focused on the molten mass. There is no protection against collateral radiation.

This manual refers to the following articles:

New Bochum Goggles with hinge

BFKBB001	BFKBB003
BFKBB004	BFKBB007
BFKBB021	BFKBB024
BFKBB071	BFKBB072

New Bochum Goggles with aluminium rail

BFKBB001-1	BFKBB003-1
BFKBB004-1	BFKBB007-1
BFKBB071-1	BFKBB072-1

Manufacturer:

Rudolf Uhlen GmbH
Am Höfgen 13
42781 Haan
Tel.: 0049/2129/1444
Fax: 0049/2129/59980
Internet: www.aschua-uhlen.de
E-mail: info@aschua-uhlen.de
Management: Volker Fiedler
Steffen Fiedler
Comm.register: HRB 17088
Register court Wuppertal

EU Type-Examination Certificate

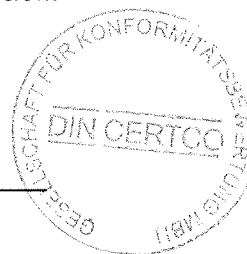
Holder	Rudolf Uhlen GmbH Am Höfgen 13 42781 Haan GERMANY
Registration No.	C4774UHL/R1
Product	Frame for visor
Type, Model	BFKBB001, BFKBB003, BFKBB004, BFKBB007, BFKBB021, BFKBB024, BFKBB071, BFKBB072
Testing basis	DIN EN 166:2002-04
Test reports/Test marks	10881-PZA-13, 10882-PZA-13, 10883-PZA-13, 10884-PZA-13, 10885-PZA-13, 10886-PZA-13, 10887-PZA-13, 10888-PZA-13, 12961-PZA-18, 12962-PZA-18, 12963-PZA-18, 12964-PZA-18, 12965-PZA-18, 12966-PZA-18, 12967-PZA-18, 12968-PZA-18
Marking of the product	Detailed marking see annex
Validity period	2018-12-21 to 2023-06-19
Conformity	DIN CERTCO confirms that the prototype complies with the essential health and safety requirements according to the Annex II of Regulation (EU) 2016/425 on personal protective equipment. This assessment was based on the test samples submitted by the manufacturer or authorised representative, the technical documentation and the test report of the test laboratory.

Any previous versions of this EU Type-Examination Certificate hereby cease to be valid.

Please see the annex for further information.

2018-12-21

Dipl.-Wi.-Ing. (FH) Sören Scholz
Notified Body 0196



ANNEX

Certificate	C4774UHL/R1 dated 2018-12-21
Manufacturer's Identification	UHL
Marking of the product	CE
Product specification	<p>Material: Aluminum, steel Colour: Silver, black</p> <p>Dimensions: BFKBB001, BFKBB072: 300 mm x 180 mm (window: 60 mm x 120 mm) BFKBB003, BFKBB007: 200 mm x 135 mm (window: 2 x Ø 50 mm) BFKBB004, BFKBB071: 200 mm x 135 mm (window: 60 mm x 120 mm) BFKBB021: 300 mm x 180 mm (window: 2 x 60 mm x 60 mm) BFKBB021: 200 mm x 135 mm (window: 2 x 60 mm x 60 mm)</p> <p>Configuration: BFKBB001, BFKBB003, BFKBB004, BFKBB021, BFKBB024: Mesh visor for helmet BFKBB007, BFKBB071, BFKBB072: Aluminium visor for helmet</p>
Additional product information	<p>Bochumer Brillen</p> <p>The protection against heat radiation is only given at a direct glance at the molten metal - it provides no lateral protection.</p> <p>Constrained field of view: only applicable for the brief direct glance into the molten metal.</p>
Regulations/ Liabilities	<p>This EU Type-Examination Certificate is the property of DIN CERTCO and may be withdrawn if the conditions on which its issue was based are no longer met.</p> <p>The information leaflet (instructions for use) for the specified eye protection product must be written in the official language of the country of destination and include, among other things, the following details of the Notified Body:</p> <p>DIN CERTCO Gesellschaft für Konformitätsbewertung mbH Alboinstraße 56 12103 BERLIN GERMANY Identification number of the Notified Body: 0196</p>



ANNEX

Certificate

C4774UHL/R1 dated 2018-12-21

As far as possible, the product must be marked with a type, batch or serial number or other element allowing its identification.

As far as possible, the product must be marked with the name and postal address of the manufacturer or, if the manufacturer is not based in the European Economic Area, the name and contact address of an authorised representative or importer based in the European Economic Area.

The product or its packaging must be indelibly and unambiguously marked with the month and year of manufacture and/or the month and year of obsolescence.

It is not permitted to mark the product with the identification number 0196.


All changes to the product, the technical documentation or to the quality assurance system must be notified to DIN CERTCO in writing.

The General Terms and Conditions of DIN CERTCO apply.



Rudolf Uhlen GmbH - Am Höfgen 13 - 42781 Haan

EU-DECLARATION OF CONFORMITY

1. PPE: **BFKBB001**
 2. Manufacturer: **Rudolf Uhlen GmbH
Am Höfgen 13
42781 Haan**
- 
3. This declaration of conformity is issued under the sole responsibility of the manufacturer:
Rudolf Uhlen GmbH.
 4. Object of declaration:
Neue Bochumer Brille 300x180mm, window 60x120mm, with hinge
 5. The object of the declaration described in point 4 is in conformity with the relevant Union harmonisation legislation: guideline 2001/95/EG und regulation (EU) 2016/425
 6. Where applicable, the notified body DIN CERTCO Gesellschaft für Konformitätsbewertung mbH Alboinstr. 56, 12103 Berlin (0196) performed the EU type-examination (Module B) and issued the EU type-examination certificate **C4774UHL/R1**.
 7. Additional information Angaben:
Signed for and on behalf of:
Rudolf Uhlen GmbH

Haan, 1. August 2018:



Steffen Fiedler
-Geschäftsführer-

Rudolf Uhlen GmbH - Am Höfgen 13 - 42781 Haan

DÉCLARATION UE DE CONFORMITÉ

1. EPI: **BFKBB001**
 2. Fabricant: **Rudolf Uhlen GmbH
Am Höfgen 13
42781 Haan**
- 
3. La présente déclaration de conformité est établie sous la seule responsabilité du fabricant:
Rudolf Uhlen GmbH.
 4. Objet de la déclaraton:
Neue Bochumer Brille 300x180mm, fenêtre 60x120mm, pour montage directement sur casque
 5. L'objet de la déclaration décrit au point 4 est conforme à la législation d'harmonisation: Directive 2001/95/EG et décret (EU) 2016/425
 6. Le cas échéant, l'organisme notifié DIN CERTCO Gesellschaft für Konformitätsbewertung mbH Alboinstr. 56, 12103 Berlin (0196) a effectué l'examen UE de type (Modul B) et a établi l'attestation d'examen UE de type **C4774UHL/R1**.
 7. Informations complémentaires:
Signé par et au nom de:
Rudolf Uhlen GmbH

Haan, 1. August 2018:



Steffen Fiedler
-Geschäftsführer-