

## EC-type examination certificate

C1519.4HON

Applicant / manufacturer	Honeywell Safety Products 10, Thurber Blvd. SMITHFIELD, RI 02917 USA
Identification of the manufacturer	HON
Product type	Eye-protectors, face-shields for occupational use, providing filtering action, welding, UV and sunglare filters
Model name	Turboshield see schedule identifying the different models
Standard(s) / technical rules	DIN EN 166 : 2001 & DIN EN 169 : 2002 & DIN EN 170 : 2002 & DIN EN 172 : 1994 + A1 : 2000 + A2 : 2001 Essential requirements according to Annex II of the PPE-Directive 89/686/EEC
Test reports	1004-ECS-13
Material	Polycarbonate
Marking	X-Y HON 1 BT A 3 9 A B CE for details see schedule for the different models

Herewith, ECS certifies that the named models comply with the basic requirements for health and safety as they are provided by the European Directive for Personal Protective Equipment 89/686/EEC. This certificate is based both / either on the test results as they are summarized in the named test reports, and/or on the technical documentation as it is delivered by the manufacturer. The applicant / manufacturer agrees to the General Business Rules of the ECS GmbH and to additional agreements as they are named in the application for conformity assessment.

The eye-protection device is to be marked as assigned. Either / both the frame and / or the ocular, spectacle, goggle or shield must be signed, as appropriate. If different marking has been assessed, the lowest marking must be applied, respectively. The validity of this EC-type examination will expire, if the manufacturer modifies the safety-relevant properties of this product with comparison to the tested one or if the requirements in the standards or technical rules will be revised and/or tightened. Name, address and identification number 1883 of the notified body ECS must be indicated in the information brochure of this product.

**This EC-type examination certificate is valid until 2018-03.**

ECS GmbH  
Notified Body 1883  
06/08/13



  
Dr. Bernhard Schmitz  
ECS-Certification

ECS GmbH – European Certification Service  
Augenschutz und Persönliche Schutzausrüstung  
Laserschutz und Optische Messtechnik  
Hüttfeldstraße 50  
73430 Aalen, Germany

**Company:** Honeywell Safety Products, SMITHFIELD, RI USA

Annex to the EC-type examination certificate registration number C1519.4HON, dated from 06/08/13.

The following products are included in this EC-type examination certificate:

<b>Model name</b>	<b>Visor colour</b>	<b>Measurement report</b>	<b>Scale and marking of the lenses</b>
1031743	CLEAR UNCOATED	10041-ECS-13 10047-ECS-13	UV-filtering action 2C-1.2 HON 1 BT A 3 9 CE
1031744	CLEAR COATED	10042-ECS-13 10048-ECS-13	UV-filtering action 2C-1.2 HON 1 BT A 3 9 K N CE
1031745	GRAY UNCOATED	10043-ECS-13	UV- and sunglare filtering action 2C-2.5 / 5-2.5 HON 1 BT A 3 9 CE
1031746	GRAY COATED	10044-ECS-13	UV- and sunglare filtering action 2C-2.5 / 5-2.5 HON 1 BT A 3 9 K N CE
1031747	SHADE 3	10045-ECS-13	Filtering action for welding processes 3 HON 1 BT A 3 9 CE
1031748	SHADE 5	10046-ECS-13	Filtering action for welding processes 5 HON 1 BT A 3 9 CE
1031740	Turboshield headgear		Frame marking: HON 166 BT A 3 9 CE
1031749	Turboshield hardhat adapter		Frame marking: HON 166 BT A 3 9 CE

**Additional specs:**

Valid for all types:

- Optical class: 1
- Protection against high-speed particles, medium energy impact at extremes of temperatures (BT)
- Protection against high-speed particles, high energy impact (A)
- Protection against molten metals and penetration of hot solids (9)
- Protection against droplets and splashes of liquids (3)

For coated clear and gray visors

- Resistance to surface damage by small particles (K)
- Resistance to fogging of oculars (N)

**Additional remark:**

If the lenses and headgears are marked separately, the following markings shall be applied:

- for the lenses: X-Y HON 1 BT A 3 9 A B CE (for A, B, X, Y see table above)
- for the headgear and hardhat adapter: HON 166 BT A 3 9 CE
- instead of BT A (BT for the protection against high-speed particles at extremes of temperatures, medium energy impact, and A for the protection against high-speed particles, high energy impact), the marking A or BT can be used individually.

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The Turbosshield visors can be assembled with:

- Turbosshield Headgear (product number 1031740)
- via plastic Hardhat adapter (product number 1031749) to the following hardhats:
  - Schuberth Euroguard
  - Schuberth Baumeister 80 and BER80
  - MSA V-Gard full peak
  - Peltor G2000
  - Centurion Concept full peak
  - Centurion 1100 full peak, 1125 large full peak
  - JSP MK2 / MK3
  - JSP EVO8
  - Uvex Airwing
  - Voss INAP Master
  - North A59, A69, A79
  - Balance AC
  - Scott/Protector 300

The tests for the assemblies of visors to hardhats, see 10049-ECS-13 for BT-tests  
and 100410-ECS-13 for A-tests.