

## EU TYPE-EXAMINATION CERTIFICATE

This is to certify that the Personal Protective Equipment type, in respect of the product detailed on this certificate, has been evaluated and deemed to be in compliance with Regulation (EU) 2016/425 Module B, and the applicable Essential Health & Safety Requirements.

Manufacturer: **Carl Zeiss Vision AB**  
Boplatsgatan 6  
213 76 Malmö  
Sweden

Compliance with the applicable Essential Health & Safety Requirements has been demonstrated as above, including examination in accordance with the harmonised standard(s) below:

**EN 166:2001**

Product description: Personal eye-protection – Prescription Spectacles

Date of initial certification: 18<sup>th</sup> December 2019  
Date of current issue: 10<sup>th</sup> July 2020  
Date of expiry: 18<sup>th</sup> December 2024

*A. J. J. J. J.*  
Technical Director



INSPEC International Ltd, 56 Leslie Hough Way, Salford, Greater Manchester, M6 6AJ, England. Notified Body 0194

This certificate has been issued in accordance with our standard terms and conditions and subject to INSPEC Regulations and Conditions of Use. This certificate remains the property of INSPEC and may be withdrawn if any of the conditions attached to its issue are not complied with by the certified company.

## Product details

**Model identification:** This certification covers prescription eye protection fitted with lenses by Carl Zeiss Vision AB. The frames permitted under this certification include those produced by Carl Zeiss Vision AB, but also frames produced by Honeywell Safety Products and Bollé Safety Europe. In all cases, the frames are glazed under the authority of Carl Zeiss Vision AB. Details are provided below.

It is the responsibility of Carl Zeiss Vision AB to inform INSPEC of any changes to the certification of the frames by Honeywell and Bollé that may affect this certification.

**Technical file reference:** TF19161784 / TF1993

**Test reports:** INSPEC 95.02.27, 05.08.68, 1.10.01.60, 1.10.01.61, 1.14.03.07, 1.15.07.40, 1.15.08.68, 1.16.02.05, Notification 160324, 1.17.03.90, 1.17.03.91r1, 1.17.12.01, 1.17.12.04, 1.19.04.35 and 1.19.05.31.

**Category:** II

**Performance levels:** Impact performance is specified below.

**Accessories or spares:** None

### Key:

S	Increased robustness
F	Protection against high speed particles, low energy
-	No claim, class or performance

## Lens Details Section

Material	Prescription Range – dioptres (max)	Impact grade
1.6 high index MR8	Single vision -9(6) +8(6)	S
	Varifocal -9(6) +8(6) max add. 3.5	
1.6 chemically toughened mineral glass	Single vision -4(6) +8(6)	S
	Varifocal -4(4) +6(4) max add. 3.5	
CR39 1.5	Single vision -10.75(6) +8(6)	S
	Bifocal -10(6) +6(6) max add. 3.5	
	Varifocal -10(6) +6(6) max add. 3.5	
Organic 1.67 (MR7)	Single vision -12(6) +10(6)	S
	Varifocal -12(6) +8(6) max add. 3.5	
Trivex 1.53	Single vision -11(6) +7.5(6)	F
	Bifocal -9(4) +7(4) max add. 3.5	
	Varifocal -9(3.5) +5(3.5) max add. 3.5	
Polycarbonate 1.59	Single vision -10(6) +8(6)	F
	Bifocal -12(6) +6(6) max add. 3.5	
	Varifocal -9(6) +6(6) max add. 3.5	

Material	Min. Centre	Min. Edge	Impact grade
1.6 high index MR8	1.2 mm	1.2mm	S
1.6 chemically toughened mineral glass	1.8 mm	1.4 mm	S
CR39 1.5	1.8 mm	1.4 mm	S
Organic 1.67 (MR7)	1.2 mm	1.2 mm	S
Trivex 1.53	1.4 mm	1.4 mm	F
Polycarbonate 1.59	1.4 mm	1.4 mm	F

<b>Lens coatings:</b>	HA, ET, Super ET, LotuTec, DuraVision® Platinum, HMC+, SC, HC
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NOTE: Not all prescription options are available for all frame types. The manufacturer controls the permitted combinations to ensure compliance with the claimed impact performance

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**Frames by: Honeywell Safety Products**

Frame	Size	Maximum Impact*	Options	Lens Details Note**
FC705	50x19	F	-	All materials
	52x19	F	-	
FC707	50x21	F	-	
	52x21	F	-	
Horizon	52x16	F	-	
	54x16	F	-	
Horizon, vented	52x16	F	-	
	54x16	F	-	
SW06E	57x16	F	-	
SW07	60x13	F	-	
SW12 (base 6)	62x15	F	-	
EXT10	53x18	S	-	
	55x18	S	-	

\*The maximum impact performance for the assembled eye protector will be S or F (see Key, Page 2). This is governed by the lowest impact performance indicated by the marking of the frame or fitted lens.

\*\*The Lens materials are further described in the Lens Details Section of this certificate.

**Frames by: Bolle Safety Europe**

Frame	Size	Maximum Impact*	Options	Lens Details Note**
B707S	51x18	F	-	All materials
B707L	53x18	F	-	All materials
B708S	52x18	F	-	All materials
B708L	54x18	F	-	All materials
B709S	51x20	F	-	All materials
B709L	53x20	F	-	All materials
B805	50x18	F	-	All materials
Premium	60x14	F	-	All materials
B808BS II	49x18	F	-	All materials
B808RS II	49x18	F	-	All materials
B808BL II	54x17	F	-	All materials
B808RL II	54x17	F	-	All materials
Slide	57x21	F	-	All materials
BOSSN	55x21	F	-	All materials
Twister	56x26	F	3	Polycarbonate only
MACN (Macro)	54x18	F	-	CR39 1.5 Polycarbonate 1.59
BAXN (Baxter)	63x18	F	-	Polycarbonate only
Spicy	53x19	F	-	CR39 1.5 Polycarbonate 1.59
B713S	52x17	F	-	CR39 1.5 Polycarbonate 1.59
B713L	54x17	F	-	CR39 1.5 Polycarbonate 1.59

**Options Key:**

3 = Protection against liquid droplets.

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**Frames by: Carl Zeiss Vision AB**

Frame	Size	Maximum Impact*	Options	Lens Details Note**
Diamant	48x18	F	-	All materials, excluding 1.6 chemically toughened mineral glass.  These frames are NOT certified with bifocal lenses.
	50x20	F	-	
	52x20	F	-	
	54x22	F	-	
Q2	48x18	F	-	
	48x20	F	-	
	50x18	F	-	
	50x20	F	-	
	50x22	F	-	
	52x20	F	-	
	52x22	F	-	
	56x22	F	-	
58x22	F	-		

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## Certificate amendment record

Date	Description
10/07/2020	Addition of Bolle frames MACN, BAXN, Spicy, B713, and Honeywell frame EXT10.
18/12/2019	[Extension/amendment/renewal]

### Conditions attached to the issue of this certificate:

1. Marking and instructions have been assessed in the English language only. It is the Manufacturer's/Authorised Representative's responsibility to obtain and supply language versions acceptable to the country where the product is to be sold.
2. Any changes to the product, technical file or quality manual/quality plan shall be immediately notified to INSPEC.
3. The Manufacturer/Authorised Representative shall comply at all times with INSPEC's Regulations governing CE Product Certification.
4. Satisfactory maintenance of certification against module C2 or Module D for category III product.
5. This certificate remains the property of INSPEC and may be withdrawn if any of the conditions attached to its issue are not complied with.
6. This certificate may be copied or reproduced by the certificate holder, complete and without omissions or additions, and in accordance with INSPEC's terms of business.

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