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## QUALITY AND CERTIFICATION

Reference in the world of eye protection, Bollé Safety continues its mission around a single goal: to detect all potential risks that may arise in the work environment, and provide tangible technological solutions and targeted therapies, in strict compliance with European standards.

### Products tested and certified

Bollé Safety designs and markets personal protective equipment for eye protection for industrial use consistent with the Directive 89/686/EEC, and to the harmonized standard EN 166:2001. Each Bollé Safety product is tested and certified by independent laboratories (Certottica, INSPEC, Vincotte, etc..) According to European standards.

The diagram shows a pair of silver safety glasses with various callouts. At the top, 'EN Standard' points to the 'EN166 FT CE' marking on the temple. On the right temple, the 'Manufacturer logo' is indicated. At the bottom, 'European standard' points to the '2C-1.2 1 FT CE' marking on the lens. Below the glasses, a table explains the components of these markings.

Code (field of use)	Colour perception	Protection class	Crown	Optical class	Mechanical strength
2 or 3: UV filter 4: IR filter 5 or 6: solar filter	C: unimpaired colour perception	1.2 to 6: degree of visible light filtration	Manufacturer name	1: high optical quality No optical distortion (suitable for permanent wear)	S: Extra strong, resists a 22 mm, 43 g ball falling 1.30 m F: Low energy impact, resists a 6 mm, 0.86 g ball at 45 m/s B: Medium energy impact, resists a 6 mm, 0.86 g ball at 120 m/s A: High energy impact, resists a 6 mm, 0.86 g ball at 190 m/s

### BASIC STANDARDS

EN 166 Specifications  
 EN 167 Optical test methods  
 EN 168 Test method other than optical

## STANDARDS BY USE

EN 169 Welding filters  
 EN 170 Ultraviolet filters  
 EN 171 Infrared filters  
 EN 172 Solar protection filters for industrial use  
 EN 175 Welding work equipment  
 EN 207 Glasses for laser protection  
 EN 208 Glasses for laser adjustment  
 EN 379 Specification concerning welding filters

**Bollé Safety product approval certificates to CE standards will be sent on request.**

## FRAME MARKING

Frame marking must include the CE Symbol and manufacturer's name (logo or brand). If the glasses refer to the EN standard, the EN standard number is mandatory together with the various use and mechanical strength symbols, in accordance with the tests requested by the manufacturer.

Use symbols:

3. Liquid droplets or splashes.
4. Large dust particles > 5 microns.
5. Gas and fine dust particles < 5 microns.
8. Electrical short circuit arc.
9. Molten metal and hot solids.

Mechanical strength symbols:

- S. Extra strong, resists a 22 mm, 43 g ball falling 1.30 m.
- F. Low energy impact, resists a 6 mm, 0.86 g ball at 45 m/s.
- B. Medium energy impact, resists a 6 mm, 0.86 g ball at 120 m/s.
- A. High energy impact, resists a 6 mm, 0.86 g ball at 190 m/s.

## LENS MARKING

**Lens marking must include:**

the scale number for filtering lenses. the manufacturer's name (logo or brand recommended by the manufacturer).

Optical class symbols:

1. Continuous work
2. Intermittent work
3. Occasional work, but must not be worn continuously.

Use symbols:

9. Molten metal and hot solids.

Mechanical strength symbols:

- S. Extra strong, resists a 22 mm 43 g ball falling 1.30 m at 5,1 m/s
- F. Low energy impact, resists a 6 mm, 0.86 g ball at 45 m/s
- B. Medium energy impact, resists a 6 mm, 0.86 g ball at 120 m/s
- A. High energy impact, resists a 6 mm, 0.86 g ball at 190 m/s
- K. Resistance to surface damage by fine particles (optional)
- N. Resistance to fogging (optional)
- T. The letter T, immediately after the mechanical strength symbol, authorises use for high speed particles at extreme temperatures.

## WARNING

- F. Maximum protection for glasses.
- B. Maximum protection for goggles.
- A. Maximum protection for face shields.

If the S, F, B and A symbols do not apply to both the lens and frame, then the lowest level must be assigned to the protective eyewear.

## Quality commitments Bollé Safety

Bollé Safety is certified ISO 9001:2008 which includes the establishment of a control process and traceability of all products until delivery. The quality initiative has several objectives which all converge towards customer satisfaction on compliance issues, effective and participative work.

In parallel, Bollé Safety is committed to helping its partners and customers on the following points:

- provide quality products tailored to customer needs and meet their expectations and the market price
- guarantee a service rate of over 98% across Europe
- constantly innovate: with 4-5 products developed every year, Bollé Safety is constantly seeking new technologies for eye protection and surface treatments
- regular visits to the customer to understand their expectations and requirements.



### **Bollé Safety's environmental commitment:**

Bollé Safety is committed to offering an alternative "environmentally responsible" option that is in tune with the needs of its customers.

In recent years, Bollé Safety now distributes its products in individual recyclable bags. For the launch of the Solis B-green model, the 1st environmentally friendly eyewear, Bollé Safety offers cardboard packaging, marking a single colour leaflet and instructions printed on paper made from protected forests.

### **From manufacturing to logistics**

All Bollé Safety products are subject to regulation REACH (Registration, Evaluation and Authorization of Chemicals), which ensures that all substances used on Bollé Safety products do not harm health or the environment.

Finally, in 2010, the Bollé Safety logistics platform is ISO14001 certified, based on the principle of continuous improvement in environmental performance by controlling impact associated with the activity of the company.