ScanNovaya markings:
Lens:
- Sunglare filter: **5**
- Shade number (grey): **3.1**
- Optical class: **1**
- Medium energy impact: **B**
- Protection against high-speed particles at extreme temperature: **T**

Frame:
- Protection against droplets of liquid: **3**
- Medium energy impact: **B**
- Protection against high-speed particles at extreme temperature: **T**

American ANSI/ISEA Z87.1:2015 standard

ANSI/ISEA Z87.1:2015 : American National Standard Practice for Occupational and Educational Personal Eye and Face Protective Devices.

This standard sets forth criteria related to the general requirements, testing, permanent marking, selection, care, and use of protectors to minimize the occurrence and severity or prevention of injuries from such hazards as impact, non-ionizing radiation and liquid splash exposures in occupational and educational environments including, but not limited to, machinery operations, material welding and cutting, chemical handling, and assembly operations. Certain hazardous exposures are not covered in this standard. These include, but are not limited to: Bloodborne pathogens, X-rays, high energy particulate radiation, microwaves, radio-frequency radiation lasers, masers, and sports and recreation.

Hazard Type	Code	Description
Impact	Z87	Non-impact applications only
	Z87+	Impact resistant
Splashes/ Dust	3	Protects eyes/face from splashes and droplets
	4	Protection from dust
	5	Protection from fine dust particles
Optical Radiation	No Markings beyond Z87	Only clear lens protection
	W	Requirements for welding applications
	U	Protection against Ultra-violet (UV) radiation
	R	Infra-red/heat protection
	L	Protection from visible light/ glare
	V	Variable tint
	S	Special lens tint

Obtained levels of performance ScanNovaya:
- Impact resistant: **Z87+**
- Protection against ultra-violet (UV) radiation: **U**
- UV rating: (rating of 6 is the highest rating possible) **6**
- Special lens tint: **S**

Canadian CAN/CSA Z94.3:2015 standard

C SEI CAN/ CSA Z94.3:2015 : Canadian standard for eye and face protection devices

This standard applies to eye and face protectors used in all occupational and educational operations or process involving hazards to eyes or face. Typical hazards include flying objects and particles, splashing liquids, molten metal, and ultraviolet, visible, and infrared radiation, but do not include X-rays, gamma rays, high energy particulate radiation, radioactive materials, or masers.

This standard sets minimum performance requirements in the tests described herein but does not cover factors of design such as comfort, service life, or appearance.

Note: The conformance of protectors with these requirements does not imply equality of performance, nor should it be interpreted to mean that protectors are capable of affording greater protection than is specified in this Standard.

Hazard Type	Code	Description
Impact	CSA +	Impact resistant
Optical Radiation	S	Filtered lens

Obtained levels of performance ScanNovaya:
- Impact resistant: **CSA +**
- Filtered lens: **S**

Warnings

- Eye protection that is worn over standard ophthalmic spectacles may transmit impact from high speed particles thus creating a hazard to the wearer. Although every effort is made to ensure that materials that may come into contact with the skin of the wearer do not cause an allergic reaction, this may not happen for a minority of susceptible individuals, and if you are in this situation, you must stop wearing the eyewear immediately and seek professional advice.
- Prior to use, you must determine whether your goggles have direct or indirect venting. Goggles with direct venting should never be used as chemical splash goggles. If you are unsure about protection levels and capacities, please contact your safety supervisor.
  Note: This is not a chemical goggle.
- Do not alter or modify this product.
- These goggles are intended for use as worksite eye protection. They should not be used as protective equipment in sports or in hazardous recreational activities.
- Do not use these goggles for protection when driving, cycling, riding motorcycles, or when flying open cockpit aircraft. These goggles do not provide protection against laser lights and the hazards caused by poor lighting.
- These goggles should not be used as personal protective equipment for welding, electrical maintenance, grinding and abrasive cutting, food preparation, and heavy industrial work or on worksites where you require a gas vapour seal.
- Check your goggles for surface cracks before each use. These goggles can be damaged by exposure to and contact with chemical vapours and/or liquids.
- Please (1) review ANSI Z87.1 (USA) and CSA Z94.3 (Canada) or (2) discuss your worksite's eye protection requirements with your supervisor or your company's safety specialist to confirm that you have the right protection against your worksite's hazards.

Manufacturer:

Scandia Gear Europe B.V.
Lorentzweg 31
3208 LJ Spijkenisse
The Netherlands

Disclaimer

Scandia Gear is not liable for damages that result from the improper use of these products.

SCANDIA GEAR EUROPE B.V.
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SCANNOVAYA

High Performance Omnifit Sub-Zero Safety Goggles

CE ANSI American National Standards Institute CSA Z94.3-15 COMPLIANT

User's Instruction

www.scandiagear.com

MARITIME OUTFITTERS since 1974
ROTTERDAM SINGAPORE HOUSTON DUBAI

Scandia®

SCAN**NOVAYA**

High Performance Omnifit Sub-Zero Safety Goggles

You have chosen a Scandia Gear Personal Protective Equipment. Please read these instructions prior to use and prior to any maintenance.

In compliance with

- EN 166:2001 - 3 BT CE - 1 BT - 5-3.1 CE
- EN 172:1994+A1:2000+A2:2001 (Grey)
- ANSI Z87.1:2010 – Z87+ U6S (Grey)
- CSA Z94.3:2015 – CSA+ S (Grey)

European EN 166:2001 standard

EN 166:2001 : European standard for personal eye-protection

This CE certified safety goggles belongs to Category II and is approved in accordance with the Regulation (EU) 2016/425 and the requirements of the European harmonized standard EN166:2001. This product has been subjected to a CE-type Examination performed by:

INSPEC International B.V. N.B.2849
Beechavenue 54-62
1119 PW Schiphol-Rijk
The Netherlands

The ScanNovaya Goggles are designed to provide the user with adequate protection. The main purposes is to provide the user with protection against droplets of liquid and limited impact resistance. The rating is indicated by markings and related indexes on the frame and lenses. The rating is obtained from tests in which the prototypes were submitted.

The EU Declaration of Conformity (DOC) can be obtained through following link:
www.scandiagear.com

Application and limitations

Please ensure that the eyewear always fits well. Use these goggles only after you have adjusted them to fit securely. You can do this by adjusting the headband strap. Make sure that your goggles remain secure against your face when in use.

These goggles are intended for the following purposes:

A) Use in factories, on construction sites, in mining operations, and other worksites where basic eye protection (i.e., particle impact speed under 120 m/s) is required.
B) DIY activities, such as gardening and furniture construction and repair.
C) The marking "3" on the goggles frames indicates that the goggles provide the wearer with protection against liquid droplets.

Model

The name of the model is always indicated on the barcode of the packaging.

Storage

Store in a dry place at room temperature and protect from sunlight. The eyewear must be transported and stored in the original package, at a temperature between 5°C and 40°C (41°F and 104°F) and a relative humidity of <90%.

Maintenance

The lenses must be cleaned or disinfected regularly. This must be done using a mild detergent, optical cleaning solution, or a solution very low in alcohol at room temperature (20°C/68°F ± 5°C/41°F). The eyewear should provide adequate protection for a period exceeding 6 months and up to 2 years. Regularly check the status. Scratched and damaged lenses must be replaced or disposed of. The markings found on the lens and on the frame represent the ratings of the product. Scandia Gear shall not be liable for damages arising from misuse and improper maintenance and preservation of the goggles itself.

Validity

The product is valid for three (3) years after the manufacturing date displayed on the goggles.

Lens markings

Scale number (filters only) – Identification of Manufacturer – Optical class – symbol of mechanical resistance – Field (s) of use (if applicable) CE Marking.

Frame markings

Identification of the manufacturer – Number of EN standards – Field (s) of use (if applicable) – Mechanical resistance – CE Marking.

Scale number (filters only)

Type of filter	Code number	Filter rating number
EN 169 Welding filters	No code number	1 to 16
EN 170 Ultraviolet (UV) filters	2	1,2 to 5
EN 170 Ultraviolet (UV) filters with good color recognition	2C	1,2 to 5
EN 171 Infra-red (IR) filters	4	1,2 to 10
EN 172 Solar protection filters without infra-red specification	5	1,1 to 4,1
EN 172 Solar protection filters with infra-red specification	6	1,1 to 4,1

Optical Class

Code	Designation
1	Optical Class
2	Intermittent work
3	Occasional work (not intended for prolonged use)

Mechanical resistance

Code	Mechanical Strength Requirements
No symbol	Minimum robustness
S	Increased robustnesss (5.1 m/s)
F	Low energy impact (45 m/s)
B	Medium energy impact (120 m/s)
A	High energy impact (190 m/s)

If the symbol F, B or A is not found on both the lenses and the frame, then the lower value is assigned to the complete set of safety goggles. The letter T immediately after the impact letter allows a use for high speed particles at extremes of temperature. In the absence of the letter T the protector must be used in room temperature.

Marking on lens

Code	Designation
K	Resistance to surface damage caused by fine particles
N	Resistance to fogging

Fields of use

Code	Designation	Description of the field of application
No symbol	Basic	Unspecified mechanical hazards from ultraviolet, visible, infra-red and solar radiation
3	Liquids	Liquids (droplets and splashes)
4	Large dust particles	Dust with a particle size > 5 µm
5	Gas particles and fine powder	Gases, vapours, sprays, smoke and dust with a particle size <5 µm
8	Short circuit electric arc	Short circuit electric arc in electrical devices
9	Molten metal and hot solids	Splashes of molten metal and the penetration of hot solids

Welding filters

Scale	Field of use	Gas	l/h
1,7	Welders assistants	-	-
3	Assistant welder	-	-
4	Braze welding	Acetylene	<70
5	Braze welding	Acetylene	70:200
	Oxy-fuel welding and cutting	Oxygen	900:2000
6	Braze welding	Acetylene	200:800
	Oxy-fuel welding and cutting	Oxygen	2000:4000