

EU Declaration of Conformity

Annex IX PPE Regulation (EU) 2016/425

This EU Declaration of conformity refers to the following products

(1)

Product Name	Type	Batch Number or Serial Number or Identifier
SE2148	EYE PROTECTOR	

(2) The Manufacturer's name and address is as follows:

*Pan Taiwan Enterprise Co., Ltd.
16F-1, No.16, Jian Ba Road, Chung Ho Dist.,
New Taipei City 23511, Taiwan
Tel: +886-2-8226-5199
Fax: +886-2-8226-5196*



(3) This Declaration of Conformity is issued under the sole responsibility of the Manufacturer

(4) Detailed description of the PPE to allow traceability/identification of the PPE.

EYEWEAR PROTECTOR : SPECTACLE

Photographs may be included if it will assist in identify the product.

(5) The article identified in (4) above is in conformance with the relevant Union Harmonisation Legislation Regulation (EU) 2016/425.

(6) References to the relevant harmonised standards used, including the date of the standard, or references to the other technical specifications, including the date of the specification, in relation to which conformity is declared:
EN166: 2001

(7) SAI Global Assurance Services Ltd., Partis House, Ground Floor, Davy Avenue, Knowlhill, Milton Keynes, MK5 8HJ, United Kingdom, Notified Body: 2056 performed the EU Type Examination (Module B) and issued the Type Examination Certificate Number __CEPPE2018A5__


(8) Tick the section that applies:

- ☒ This product is Category II
- ☐ This product is Category III and is subject to Module C2 internal production control plus supervised product checks at random intervals and is under the surveillance of _____ (name of notified body and number).
- ☐ This product is Category III and is subject to Module D Conformity to type based on quality assurance of the production process and is under the surveillance of _____ (name of notified body and number).

(9) The Manufacturer identified in (2) above has considered all the basic requirements as found in Annex II of the Regulation as determined applicable to the products described in (1) and assures the conformity of the product(s) to same by utilising Annex ZA of the applicable harmonized standard/s identified in (6).

(10) Additional information

Signed for and on behalf of

Place: Pan Taiwan Enterprise Co., Ltd. 16F-1, No.16, Jian Ba Road, Chung Ho Dist. , New Taipei City 23511, Taiwan	Date of issue: May 30 th 2018
Signature: 	Job title: Vice General Manager

RISK ASSESSMENT

IDENTIFICATION OF HAZARDS AGAINST WHICH THE PPE IS DESIGNED TO PROTECT

The product is designed to protect against certain risks to the user's eyes only.
It does not provide any head or face protection,

The types of hazard protected against are

- Impact from high speed low energy particles Ref to EN166: 2001 clause 7.3
- Impact from slow moving objects Ref to : EN166: 2001 Clause 7.1
- Damage to the eye from non ionising radiation, such as
 - (i) Solar UV light with a spectrum of from 280- 380nm
 - (ii) Solar Visible Light (aka: “SunGlare”)
 - (iii) Short and Medium wavelength Infra Red

Ref to : EN170, 172 and 169

RISK OF USING THE PRODUCT

The product is made from hypoallergenic materials.

It has been designed to be free of any pointed or sharp edges.

It has no components that can caught up in moving machinery.

It will not continue to burn or glow if exposed to flame.

Material used are all non-electrically conductive

Its use poses no foreseeable risks to the user.

LEVELS OF PROTECTION

Impact Protection ;

Maximum impact provided by this eye protector is impact with a 6mm round object at an impact velocity of 45m/s , or some other projectile type, which is not pointed, and that has the same kinetic Energy

Protection against Non-ionising Radiation

At a minimum the product only transmits to the eye (*reflecting and absorbing the excess unwanted levels of radiation*) the following % of environmental radiation, the actual % being dependent on the scale number of the lens

Solar Ultra Violet Radiation

Scale number	Maximum spectral transmittance in the ultraviolet $\tau(\lambda)$	
	313 nm %	365 nm %
2-1,2	0,0003	10
2-1,4	0,0003	9
2-1,7	0,0003	7
2-2	0,0003	5
2-2,5	0,0003	3
2-3	0,0003	2
2-4	0,0003	0,8
2-5	0,0003	0,3

Visible light

maximum %	minimum %
100	74,4
74,4	58,1
58,1	43,2
43,2	29,1
29,1	17,8
17,8	8,5
8,5	3,2
3,2	1,2

Infrared Light

780 nm to 1 400 nm %
69
52
40
28
15
12
6,4

Evidence of verification of levels of protection against identified risks

Evidence that the product can provide the above described levels of protection is shown in the Independent Lab report that accompanies this risk assessment as part of the products technical file

Limitations of use

The product does not claim to provide protection against

- Ionising Radiation
- Laser Light used in, but not limited to, industrial and medical uses
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- Impact from high velocity high energy projectiles, including ,but not limited to, shrapnel , bullets or ejected items from an explosion
- No protection is offered against dust, liquid splashes or droplets

It should be noted:

- Lens are scratch resistant, not scratch proof. Lens can become scratched and scuffed to the point where it interferes with vision and should be disposed of.
- Lens may mist up when going from a warm to a cold environment.
- Lens are scratch resistant, not scratch proof. They may show damage after long term use and repeated cleaning. Such damage will exhibit itself as actual scratching of the lens surface or hazing / buffing / scuffing. This can interfere with the user's vision and should be disposed of.
- The lens and frame should not be cleaned with strong solvents as this can weaken the material and reduce impact strength

The product has been designed to be flexible and not easily break when flexed or twisted, but excess flexing/twisting could lead to lens becoming loose, and resulting in product failure.

Identification of potential misuse and incorrect use

Protective eyewear will only provide claimed protection when used properly.

They should be worn at all times, pushed fully up and close to the face, when there is risk of mechanical or radiant energy damage to the eyes.

They are designed not to interfere with the use of other PPE.

They should not be used where the wearer is exposed to risks as described about in Limitations of Use; this can lead to potential acute or chronic damage to the wearers eyes

This eyewear is Plano which means they have no optical power. Should you need prescription lens for visual acuity you will need to use contact lens. They are not designed to be worn over prescription frames.

Replacing any part of the eyewear will lead to loss of protection and can potentially result in eye injury.

The product will not offer the same level of protection if it has been mechanically damaged.

Typical sources of hazards and hazardous environments

Typical work and working environments where these protective eyewear can be used

Impact – Forcible contact from flying objects, such as large chips, fragments, particles, sand, and dirt from chipping, grinding, machining, masonry work, wood working, sawing, drilling, riveting and/or sanding.

Outdoor Sun glare and Solar UV radiation