



# PAN TAIWAN ENTERPRISE CO., LTD

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<http://safety.pantaiwan.com.tw>



## EC DECLARATION OF CONFORMITY

Dec. 23, 2019

The manufacturer or his authorized representative established in the Community:

Manufacturer's Name: Pan Taiwan Enterprise Co., Ltd.

Manufacturer's address: 16F-1, No. 16, Jian Ba Road, Chung Ho District, New Taipei City, Taiwan

Declares that the new PPE Regulation (EU) 2016/425 described hereafter:

Product Model no.: SE3782 = SE1701+SE1344+SE374J+SE378H

Identification of the Manufacturer: PT

Product Type: Industrial Safety Helmet, Helmet mounted ear muffs, Personal eye protection-Face shield

Helmet material: PP (Red)

Ear Muff material: HIPS (Red), Stainless Steel, PVC

Bracket material: PP (Black)

Visor material: Steel metal visor, 8"X15-1/2"

Specifications: Industrial Safety Helmet, Hearing protectors-General requirements, Part3: Ear-Muffs  
attached to an industrial safety helmet. Protection against high speed particles, medium energy impact,  
symbol B

The product meets the relevant Type Examination procedures under the requirements with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II.

According to the PPE regulation EN 397:2012+A1:2012, EN 352-3:2002, EN 1731:2006 which is also referring to the EU type-examination certificate no. CE 701436, CE 703350, CE 712334 issued by BSI – Notified Body Number: 2797.

PAN TAIWAN ENTERPRISE CO., LTD.

Sharon Hong / Project Manager

# EU Type Examination Certificate

This is to certify that:

Pan Taiwan Enterprise Co., Ltd.  
16F-1, No. 16, Jian Ba Road  
Chung Ho District  
New Taipei City  
23511  
Taiwan

Holds Certificate Number:

CE 703350

In respect of:

**Hearing Protection (Ear Muffs) to EN 352-1:2002, EN 352-3:2002, EN 352-4:2001, EN 352-6:2002 and EN 352-8:2008.**

**See continuation sheets for details.**

on the basis that BSI carried out the relevant Type Examination procedures under the requirements with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II

For and on behalf of BSI, a Notified  
Body for the above Regulation  
(Notified Body Number 0086):

  
Chris Lewis - Certification Director, Product Certification

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# EU Type Examination Certificate

No. CE 703350

## Product Specification

**Model:** SE1310

**Product Description:** Headband mounted ear muffs, the headband is made from PC whilst the ear muff cup is made from ABS and the ear cushions are PVC.

**Size:** Small, Medium, Large.

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>63</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
	<b>Mean Attenuation (dB)</b>	18.1	15.0	18.3	26.8	37.5	29.5	35.8	36.1
	<b>Standard Deviation(dB)</b>	4.1	2.7	3.3	2.0	4.1	2.9	3.3	5.8
	<b>APV (dB)</b>	14	12.3	15.0	24.8	33.4	26.6	32.5	30.3

**SNR:** 27.6 dB                      **H:** 29.2 dB                      **M:** 25.4 dB                      **L:** 17.9 dB

**Weight:** 157g

**Technical Specification:** EN 352-1:2002 Hearing protectors - General requirements - Part 1: Ear-Muffs.

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# EU Type Examination Certificate

No. CE 703350

## Product Specification

**Model:** SE1380

**Product Description:** Headband mounted ear muffs, the headband is made from POM whilst the ear muff cup is made from ABS and the ear cushions are PVC.

**Size:** Small, Medium, Large.

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>63</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
	<b>Mean Attenuation (dB)</b>	14.7	9.6	14.6	23.2	27.0	31.0	38.6	36.6
	<b>Standard Deviation(dB)</b>	3.3	4.1	2.8	3.6	3.0	3.9	3.0	5.5
	<b>APV (dB)</b>	11.4	5.5	11.8	19.6	24.0	27.0	35.6	31.1

**SNR:** 23.9 dB                      **H:** 28.7 dB                      **M:** 20.9 dB                      **L:** 13.0 dB

**Weight:** 182g

**Technical Specification:** EN 352-1:2002 Hearing protectors - General requirements - Part 1: Ear-Muffs.

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# EU Type Examination Certificate

No. CE 703350

**Product Specification**

**Model:** SE1390

**Product Description:** Headband mounted ear muffs, the headband is made from PC whilst the ear muff cup is made from HIPS and the ear cushions are PVC.

**Size:** Small, Medium, Large.

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>63</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
	<b>Mean Attenuation (dB)</b>	18.6	12.1	16.2	24.7	31.9	31.5	39.9	38.3
	<b>Standard Deviation(dB)</b>	3.1	2.3	2.9	3.9	3.2	3.5	2.7	5.8
	<b>APV (dB)</b>	15.5	9.8	13.3	20.8	28.7	28.0	37.2	32.5

**SNR:** 26.1 dB                      **H:** 30.5 dB                      **M:** 23.2 dB                      **L:** 15.8 dB

**Weight:** 175g

**Technical Specification:** EN 352-1:2002 Hearing protectors - General requirements - Part 1: Ear-Muffs.

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# EU Type Examination Certificate

No. CE 703350

## Product Specification

**Model:** SE1350

**Product Description:** Headband mounted ear muffs, the headband is made from POM whilst the ear muff cup is made from ABS and the ear cushions are PVC.

**Size:** Small, Medium, Large.

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>63</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
	<b>Mean Attenuation (dB)</b>	19.0	16.0	18.3	25.9	30.6	31.7	34.5	38.1
	<b>Standard Deviation(dB)</b>	5.7	5.0	2.5	2.8	1.6	3.4	2.8	2.6
	<b>APV (dB)</b>	13.3	11.0	15.8	23.1	28.9	28.3	31.7	35.5

**SNR:** 27.6 dB                      **H:** 30.4 dB                      **M:** 24.9 dB                      **L:** 17.7 dB

**Weight:** 168g

**Technical Specification:** EN 352-1:2002 Hearing protectors - General requirements - Part 1: Ear-Muffs.

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# EU Type Examination Certificate

No. CE 703350

## Product Specification

**Model:** SE1340

**Product Description:** Headband mounted ear muffs, the headband is made from POM whilst the ear muff cup is made from HIPS and the ear cushions are PVC.

**Size:** Medium, Large.

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>63</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
	<b>Mean Attenuation (dB)</b>	17.8	18.0	22.3	27.2	37.4	33.9	37.4	38.4
	<b>Standard Deviation(dB)</b>	3.5	2.6	2.9	3.1	3.3	2.2	3.5	5.1
	<b>APV (dB)</b>	14.3	15.4	19.3	24.1	34.0	31.7	33.9	33.3

**SNR:** 30.4 dB                      **H:** 33.0 dB                      **M:** 27.8 dB                      **L:** 21.3 dB

**Weight:** 257g

**Technical Specification:** EN 352-1:2002 Hearing protectors - General requirements - Part 1: Ear-Muffs.

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# EU Type Examination Certificate

No. CE 703350

## Product Specification

**Model:** SE1340U

**Product Description:** Headband mounted ear muffs, the headband is made from POM whilst the ear muff cup is made from HIPS and the ear cushions are PVC.

**Size:** Medium, Large.

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>63</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
	<b>Mean Attenuation (dB)</b>	20.1	20.0	25.1	31.4	40.0	33.9	37.4	34.2
	<b>Standard Deviation(dB)</b>	4.5	4.9	2.5	2.5	3.0	4.1	3.0	4.5
	<b>APV (dB)</b>	15.5	15.1	22.6	28.9	37.0	29.8	34.3	29.8

**SNR:** 31.5 dB                      **H:** 31.4 dB                      **M:** 30.2 dB                      **L:** 22.9 dB

**Weight:** 257g

**Technical Specification:** EN 352-1:2002 Hearing protectors - General requirements - Part 1: Ear-Muffs.

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# EU Type Examination Certificate

No. CE 703350

## Product Specification

**Model:** SE1343

**Product Description:** Headband mounted ear muffs, the headband is made from POM whilst the ear muff cup is made from HIPS and the ear cushions are PVC.

**Size:** Medium

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>63</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
	<b>Mean Attenuation (dB)</b>	12.9	11.3	14.6	22.4	29.7	34.7	43.9	43.1
	<b>Standard Deviation(dB)</b>	4.5	3.2	4.2	3.4	3.2	3.5	5.6	6.5
	<b>APV (dB)</b>	8.4	8.1	10.4	18.9	26.5	31.2	38.3	36.7

**SNR:** 24.3 dB                      **H:** 31.6 dB                      **M:** 21.0 dB                      **L:** 13.3 dB

**Weight:** 195g

**Technical Specification:** EN 352-1:2002 Hearing protectors - General requirements - Part 1: Ear-Muffs.

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# EU Type Examination Certificate

No. CE 703350

## Product Specification

**Model:** SE1343U

**Product Description:** Headband mounted ear muffs, the headband is made from POM whilst the ear muff cup is made from HIPS and the ear cushions are PVC.

**Size:** Small, Medium, Large.

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>63</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
	<b>Mean Attenuation (dB)</b>	19.1	16.6	18.3	28.0	31.3	33.3	37.1	40.1
	<b>Standard Deviation(dB)</b>	5.8	4.8	3.8	3.4	3.7	2.7	2.8	4.4
	<b>APV (dB)</b>	13.2	11.8	14.5	24.5	27.6	30.6	34.3	35.5

**SNR:** 27.8 dB                      **H:** 31.9 dB                      **M:** 24.8 dB                      **L:** 17.4 dB

**Weight:** 210g

**Technical Specification:** EN 352-1:2002 Hearing protectors - General requirements - Part 1: Ear-Muffs.

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# EU Type Examination Certificate

No. CE 703350

## Product Specification

**Model:** SE1348

**Product Description:** Headband mounted ear muffs, the headband is made from PC whilst the ear muff cup is made from ABS and the ear cushions are PVC.

**Size:** Large.

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>63</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
	<b>Mean Attenuation (dB)</b>	18.3	15.8	21.5	31.5	35.1	35.1	37.4	39.6
	<b>Standard Deviation(dB)</b>	5.7	2.7	3.2	4.7	4.7	4.9	3.8	4.4
	<b>APV (dB)</b>	12.6	13.0	18.3	26.8	30.5	30.2	33.6	35.2

**SNR:** 29.8 dB                      **H:** 32.1 dB                      **M:** 27.4 dB                      **L:** 19.9 dB

**Weight:** 258g

**Technical Specification:** EN 352-1:2002 Hearing protectors - General requirements - Part 1: Ear-Muffs.

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# EU Type Examination Certificate

No. CE 703350

## Product Specification

**Model:** SE13481

**Product Description:** Headband mounted ear muffs, the headband is made from POM whilst the ear muff cup is made from ABS and the ear cushions are PVC.

**Size:** Large.

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>63</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
	<b>Mean Attenuation (dB)</b>	18.4	16.2	19.5	31.0	37.5	33.9	37.0	37.4
	<b>Standard Deviation(dB)</b>	5.2	4.1	3.5	3.6	3.5	3.6	3.2	3.7
	<b>APV (dB)</b>	13.2	12.1	16.0	27.3	34.0	30.2	33.9	33.6

**SNR:** 29.2 dB                      **H:** 32.5 dB                      **M:** 26.8 dB                      **L:** 18.4 dB

**Weight:** 240g

**Technical Specification:** EN 352-1:2002 Hearing protectors - General requirements - Part 1: Ear-Muffs.

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# EU Type Examination Certificate

No. CE 703350

**Product Specification**

**Model:** SE1347

**Product Description:** Headband mounted ear muffs, the headband is made from POM whilst the ear muff cup is made from HIPS and the ear cushions are PVC.

**Size:** Small, Medium, Large.

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>63</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
	<b>Mean Attenuation (dB)</b>	13.5	11.2	12.8	19.9	27.6	34.1	41.6	37.3
	<b>Standard Deviation(dB)</b>	5.6	4.3	3.9	3.6	3.8	2.4	3.2	4.5
	<b>APV (dB)</b>	7.9	6.9	9.0	16.2	23.8	31.7	38.4	32.7

**SNR:** 22.0 dB                      **H:** 30.0 dB                      **M:** 19.0 dB                      **L:** 12.0 dB

**Weight:** 184g

**Technical Specification:** EN 352-1:2002 Hearing protectors - General requirements - Part 1: Ear-Muffs.

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# EU Type Examination Certificate

No. CE 703350

## Product Specification

**Model:** SE13421

**Product Description:** Headband mounted ear muffs, the headband is made from Stainless Steel whilst the ear muff cup is made from HIPS and the ear cushions are PVC.

**Size:** Small, Medium, Large.

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>63</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
	<b>Mean Attenuation (dB)</b>	18.8	19.3	23.1	31.5	36.9	33.3	31.8	31.7
	<b>Standard Deviation(dB)</b>	5.5	4.4	4.2	3.4	3.5	3.6	3.6	5.5
	<b>APV (dB)</b>	13.3	14.9	18.9	28.1	33.4	29.8	28.1	26.2

**SNR:** 28.9 dB                      **H:** 28.9 dB                      **M:** 28.0 dB                      **L:** 21.2 dB

**Weight:** 254g

**Technical Specification:** EN 352-1:2002 Hearing protectors - General requirements - Part 1: Ear-Muffs.

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# EU Type Examination Certificate

No. CE 703350

## Product Specification

**Model:** SE1344

**Product Description:** Helmet mounted ear muffs for use with Pan Taiwan industrial safety helmets SE1701, SE1701V, SE17010, SE1716, SE1718, SE1700, SE17161, SE17022, SE17162 and SE17023. The ear muff cup is made from HIPS, cup supporting arm is made from stainless steel, and the ear cushions are PVC.

**Size:** Medium, Large.

<b>Performance Data:</b>	Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
	Mean Attenuation (dB)	12.4	14.4	17.9	27.3	34.1	34.8	32.8	32.3
	Standard Deviation(dB)	5.2	4.9	4.5	4.2	4.2	4.5	4.6	6.4
	APV (dB)	7.2	9.4	13.4	23.1	29.9	30.4	28.2	26.0

**SNR:** 25.9 dB                      **H:** 29.3 dB                      **M:** 23.8 dB                      **L:** 15.5 dB

**Weight:** 271g

**Technical Specification:** EN 352-3:2002 Hearing protectors - General requirements  
Part 3: Ear-Muffs attached to an industrial safety helmet.

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# EU Type Examination Certificate

No. CE 703350

## Product Specification

**Model:** SE1396

**Product Description:** Headband mounted adjustable electronic ear muffs. The headband is made from POM, the ear muff cup is made from HIPS, the ear cushions are made from PVC.

**Size:** Small, Medium, Large.

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
	<b>Mean Attenuation (dB)</b>	17.9	20.3	29.2	34.6	36.8	39.0	40.1
	<b>Standard Deviation(dB)</b>	2.1	2.2	3.4	2.5	3.1	2.7	2.7
	<b>APV (dB)</b>	15.8	18.1	25.8	32.1	33.7	36.2	37.5

**SNR:** 31.0 dB                      **H:** 35.0 dB                      **M:** 28.0 dB                      **L:** 21.0 dB

**Weight:** 316.8g

**Technical Specification:** EN 352-1:2002 Hearing protectors - General requirements - Part 1: Ear-Muffs.  
EN 352-4:2001 Hearing Protectors – Part 4: Level Dependent Ear-Muffs.

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# EU Type Examination Certificate

No. CE 703350

## Product Specification

**Model:** SE1398

**Product Description:** Headband mounted adjustable electronic ear muffs. The headband is made from POM, the ear muff cup is made from HIPS, the ear cushions are made from PVC.

**Size:** Small, Medium, Large.

Performance Data:	Frequency (Hz)	125	250	500	1000	2000	4000	8000
	Mean Attenuation (dB)	16.6	17.5	26.6	38.7	37.5	43.4	40.0
	Standard Deviation(dB)	3.3	4.2	5.4	4.6	2.5	3.0	4.5
	APV (dB)	13.2	13.2	21.2	34.1	35.0	40.4	35.6

**SNR:** 28.0 dB                      **H:** 35.0 dB                      **M:** 24.0 dB                      **L:** 17.0 dB

**Weight:** 343.1g

**Technical Specification:** EN 352-1:2002 Hearing protectors - General requirements - Part 1: Ear-Muffs.

EN 352-6:2002 Hearing protectors – Safety requirements and testing – Part 6: Ear-Muffs with electrical audio input.

EN 352-8:2005 Hearing protectors – Safety requirements and testing – Part 8: Entertainment Audio Ear-Muffs

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# EU Type Examination Certificate

No. CE 703350

**Product Specification**

**Model:** SE1381

**Product Description:** Headband mounted ear muffs, the headband is made from POM whilst the ear muff cup is made from HIPS and the ear cushions are made from PVC.

**Size:** Small

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>63</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
	<b>Mean Attenuation (dB)</b>	13.9	11.8	13.9	24.0	30.9	32.3	36.5	36.8
	<b>Standard Deviation(dB)</b>	6.8	4.5	3.8	3.1	4.4	4.4	4.2	7.0
	<b>APV (dB)</b>	7.1	7.3	10.2	20.9	26.6	27.9	32.2	29.8

**SNR:** 24.0 dB                      **H:** 29.4 dB                      **M:** 21.1 dB                      **L:** 12.9 dB

**Weight:** 195g

**Technical Specification:** EN 352-1:2002 Hearing protectors - General requirements - Part 1: Ear-Muffs.

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# EU Type Examination Certificate

No. CE 703350

## Product Specification

**Model:** SE1381U

**Product Description:** Headband mounted ear muffs, the headband is made from POM whilst the ear muff cup is made from HIPS and the ear cushions are made from PVC.

**Size:** Small

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>63</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
	<b>Mean Attenuation (dB)</b>	16.3	14.3	16.7	26.7	33.0	32.0	37.3	39.4
	<b>Standard Deviation(dB)</b>	9.1	3.9	2.6	2.8	2.2	2.8	2.6	5.8
	<b>APV (dB)</b>	7.2	10.4	14.2	23.9	30.8	29.2	34.7	33.6

**SNR:** 27.3 dB                      **H:** 31.6 dB                      **M:** 24.6 dB                      **L:** 16.3 dB

**Weight:** 197g

**Technical Specification:** EN 352-1:2002 Hearing protectors - General requirements - Part 1: Ear-Muffs.

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# EU Type Examination Certificate

No. CE 703350

## Product Specification

**Model:** SE1345

**Product Description:** Helmet mounted ear muffs for use with Pan Taiwan industrial safety helmets SE1701, SE1701V, SE17010, SE1716, SE1718, SE1700, SE17161, SE17022, SE17162 and SE17023. The ear muff cup is made from HIPS, cup supporting arm is made from POM and the ear cushions are made from PVC.

**Size:** Small, Medium, Large.

<b>Performance Data:</b>	<b>Frequency (Hz)</b>	<b>63</b>	<b>125</b>	<b>250</b>	<b>500</b>	<b>1000</b>	<b>2000</b>	<b>4000</b>	<b>8000</b>
	<b>Mean Attenuation (dB)</b>	12.2	10.3	15.2	23.9	32.3	35.2	31.0	27.2
	<b>Standard Deviation(dB)</b>	6.0	5.2	5.6	5.3	4.9	5.0	3.5	3.7
	<b>APV (dB)</b>	6.2	5.1	9.6	18.6	27.5	30.2	27.5	23.6

**SNR:** 23.0 dB                      **H:** 28.0 dB                      **M:** 20.0 dB                      **L:** 12.0 dB

**Weight:** 261g

**Technical Specification:** EN 352-3:2002 Hearing protectors - General requirements  
Part 3: Ear-Muffs attached to an industrial safety helmet.

First Issued: 2019-05-21  
Latest Issue: 2019-05-21

Effective Date: 2019-05-21  
Expiry Date: 2024-05-21

# EU Type Examination Certificate

No. CE 703350

## Certificate Administration Details

Product initially approved under CE 691447

## Certificate Amendment Record

Issue date	Comments	BSI Review Ref.
May 2019	First Issue.	0086:19:9679498

**Note:** The Certificate holder is responsible for ensuring that the Notified Body is advised of changes to any aspect of the overall processes utilised in the manufacture of the product, failure to do so could invalidate the Certificate in respect of product manufactured following the introduction of such changes.

### Monitoring of manufactured PPE:

The validity of the Certificate is also dependent on the maintenance of the EC quality of production by monitoring system, Module D, as referenced on BSI Certificate CE 694611.

First Issued: 2019-05-21  
Latest Issue: 2019-05-21

Effective Date: 2019-05-21  
Expiry Date: 2024-05-21

# EU Type Examination Certificate

This is to certify that:

Pan Taiwan Enterprise Co., Ltd.  
16F-1, No. 16, Jian Ba Road  
Chung Ho District  
New Taipei City  
23511  
Taiwan

Holds Certificate Number:

CE 712334

In respect of:

**Face and Eye Protection to EN 166:2001, EN 170:2002 & EN 1731:2006**  
**See continuation sheets for details.**

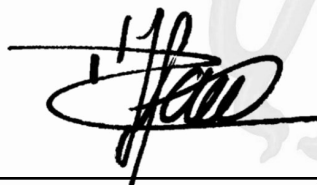
on the basis that BSI carried out the relevant Type Examination procedures under the requirements with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II

For and on behalf of BSI, a Notified  
Body for the above Regulation  
(Notified Body Number 2797):

Previous Notified Body: BSI 0086

First Issued: 2019-09-09

Latest Issue: 2019-09-12



Drs. Dave Hagenaaers, Managing Director

Effective Date: 2019-09-12

Expiry Date: 2024-09-09

Page: 1 of 14



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# EU Type Examination Certificate

No. CE 712334

## Product Details

<b>Product type:</b>	Personal eye protection – Safety goggles
<b>Models:</b>	<b>SE1110</b>
<b>Technical Specifications:</b>	Harmonized European Standard EN 166:2001.
<b>EN 166 Classification:</b>	Optical Class 1 Protection against high speed particles, medium energy impact, symbol B Protection against droplets of liquids, symbol 3

## Basic description

<b>Body/Frame:</b>	PolyVinyl Chloride (PVC)
<b>Lens:</b>	Polycarbonate (PC)
<b>Nose Bridge:</b>	PolyVinyl Chloride (PVC)
<b>Headband:</b>	Elastic
<b>Ventilation Features:</b>	4 plastic indirect vents

First Issued: 2019-09-09  
Latest Issue: 2019-09-12

Effective Date: 2019-09-12  
Expiry Date: 2024-09-09

# EU Type Examination Certificate

No. CE 712334

## Product Details

<b>Product type:</b>	Personal eye protection – Safety goggles
<b>Models:</b>	<b>SE11201</b>
<b>Technical Specifications:</b>	Harmonized European Standard EN 166:2001.
<b>EN 166 Classification:</b>	Optical Class 1 Protection against high speed particles, medium energy impact, symbol B Protection against droplets of liquids, symbol 3

## Basic description

<b>Body/Frame:</b>	PolyVinyl Chloride (PVC)
<b>Lens:</b>	Polycarbonate (PC)
<b>Nose Bridge:</b>	PolyVinyl Chloride (PVC)
<b>Headband:</b>	Elastic
<b>Ventilation Features:</b>	4 open vent areas

First Issued: 2019-09-09  
Latest Issue: 2019-09-12

Effective Date: 2019-09-12  
Expiry Date: 2024-09-09

# EU Type Examination Certificate

No. CE 712334

## Product Details

**Product type:** Personal eye protection – Safety goggles  
**Models:** **SE1126, SE1117 and SE1116**  
**Technical Specifications:** Harmonized European Standard EN 166:2001.  
**EN 166 Classification:**

- SE1126:** Optical Class 1  
Protection against high speed particles, medium energy impact, symbol B  
Protection against droplets of liquids, symbol 3
- SE1117:** Optical Class 1  
Protection against high speed particles, medium energy impact, symbol B  
Protection against droplets of liquids, symbol 3  
Resistance against fogging, symbol N
- SE1116:** Optical Class 1  
Protection against high speed particles, medium energy impact, symbol B  
Protection against droplets of liquids, symbol 3

## Basic description (items common to all models)

**Body/Frame:** PolyVinyl Chloride (PVC)  
**Lens:** Polycarbonate (PC)  
**Nose Bridge:** PolyVinyl Chloride (PVC)  
**Headband:** Elastic

## Ventilation Features

- SE1126:** 4 open vent areas
- SE1117:** 4 plastic indirect vents
- SE1116:** 4 plastic indirect vents

First Issued: 2019-09-09  
Latest Issue: 2019-09-12

Effective Date: 2019-09-12  
Expiry Date: 2024-09-09

# EU Type Examination Certificate

No. CE 712334

## Product Details

<b>Product type:</b>	Personal eye protection – Safety goggles
<b>Models:</b>	<b>SE1112</b>
<b>Technical Specifications:</b>	Harmonized European Standard EN 166:2001.
<b>EN 166 Classification:</b>	Optical Class 1 Protection against high speed particles, medium energy impact, symbol B Protection against droplets of liquids, symbol 3

## Basic description

<b>Body/Frame:</b>	PolyVinyl Chloride (PVC)
<b>Lens:</b>	Polycarbonate (PC)
<b>Nose Bridge:</b>	PolyVinyl Chloride (PVC)
<b>Headband:</b>	Elastic
<b>Ventilation Features:</b>	4 indirect vents

First Issued: 2019-09-09  
Latest Issue: 2019-09-12

Effective Date: 2019-09-12  
Expiry Date: 2024-09-09

# EU Type Examination Certificate

No. CE 712334

## Product Details

<b>Product type:</b>	Personal eye protection – Safety goggles
<b>Models:</b>	<b>SE11202</b>
<b>Technical Specifications:</b>	Harmonized European Standard EN 166:2001.
<b>EN 166 Classification:</b>	Optical Class 1 Protection against high speed particles, medium energy impact, symbol B

## Basic description

<b>Body/Frame:</b>	PolyVinyl Chloride (PVC)
<b>Lens:</b>	Polycarbonate (PC)
<b>Nose Bridge:</b>	PolyVinyl Chloride (PVC)
<b>Headband:</b>	Elastic
<b>Ventilation Features</b>	4 open vent areas

First Issued: 2019-09-09  
Latest Issue: 2019-09-12

Effective Date: 2019-09-12  
Expiry Date: 2024-09-09

# EU Type Examination Certificate

No. CE 712334

## Product Details

<b>Product type:</b>	Personal eye protection – Safety goggles
<b>Models:</b>	<b>SE1128</b>
<b>Technical Specifications:</b>	Harmonized European Standard EN 166:2001.
<b>EN 166 Classification:</b>	Optical Class 1 Protection against high speed particles, medium energy impact, symbol B Protection against droplets of liquids, symbol 3 Protection against large dust particles, symbol 4

## Basic description

<b>Body/Frame:</b>	PolyVinyl Chloride (PVC)
<b>Lens:</b>	Polycarbonate (PC)
<b>Nose Bridge:</b>	PolyVinyl Chloride (PVC)
<b>Headband:</b>	Elastic
<b>Ventilation Features:</b>	1 indirect vent system on the top 2 direct vented areas

First Issued: 2019-09-09  
Latest Issue: 2019-09-12

Effective Date: 2019-09-12  
Expiry Date: 2024-09-09

# EU Type Examination Certificate

No. CE 712334

## Product Details

**Product type:** Personal eye protection – Safety goggles

**Models:** **SE11281**

**Technical Specifications:** Harmonized European Standard EN 166:2001.

**EN 166 Classification:** Optical Class 1  
Protection against high speed particles, medium energy impact, symbol B  
Resistance against fogging, symbol N.  
Protection against droplets of liquids, symbol 3  
Protection against large dust particles, symbol 4

**EN 170:2002 Ultraviolet filter:** 2-1,2

## Basic description

**Body/Frame:** PolyVinyl Chloride (PVC)

**Lens:** Polycarbonate (PC)

**Nose Bridge:** PolyVinyl Chloride (PVC)

**Headband:** Elastic

**Ventilation Features:** 1 indirect vent system on the top  
2 direct vented areas

First Issued: 2019-09-09

Latest Issue: 2019-09-12

Effective Date: 2019-09-12

Expiry Date: 2024-09-09

Page: 8 of 14

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BSI Group The Netherlands B.V., registered in the Netherlands under number 33264284, at John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands  
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# EU Type Examination Certificate

No. CE 712334

## Product Details

<b>Product type:</b>	Personal eye protection – Faceshield
<b>Models:</b>	<b>SE3742 (SE374A+SE374P)</b>
<b>Technical Specifications:</b>	Harmonized European Standard EN 166:2001.
<b>EN 166 Classification:</b>	Optical Class 1 Protection against high speed particles, low energy impact, symbol F
<b>EN 172:1995 Sunglare:</b>	5-3.1

## Basic description

<b>Body/Frame:</b>	Polypropylene (PP)
<b>Lens:</b>	Polycarbonate (PC)
<b>Headband:</b>	Nylon (PA)

First Issued: 2019-09-09  
Latest Issue: 2019-09-12

Effective Date: 2019-09-12  
Expiry Date: 2024-09-09

Page: 9 of 14

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A member of BSI Group of Companies.

# EU Type Examination Certificate

No. CE 712334

## Product Details

<b>Product type:</b>	Personal eye protection – Faceshield
<b>Models:</b>	<b>SE3744 (SE374A+SE374F)</b>
<b>Technical Specification:</b>	Harmonized European Standard EN 1731:2006.
<b>EN 1731 Classification:</b>	Increased robustness, symbol S.

## Basic description

<b>Body/Frame:</b>	Polypropylene (PP)
<b>Lens:</b>	Polypropylene (PP) and steel mesh
<b>Headband:</b>	Nylon (PA)

First Issued: 2019-09-09  
Latest Issue: 2019-09-12

Effective Date: 2019-09-12  
Expiry Date: 2024-09-09

Page: 10 of 14

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# EU Type Examination Certificate

No. CE 712334

## Product Details

<b>Product type:</b>	Personal eye protection – Faceshield
<b>Models:</b>	<b>SE3743 (SE374A+SE374C)</b>
<b>Technical Specification:</b>	Harmonized European Standard EN 166:2001.
<b>EN 166 Classification:</b>	Optical Class 1 Protection against high speed particles, low energy impact, symbol F

## Basic description

<b>Body/Frame:</b>	Polypropylene (PP)
<b>Lens / Visor:</b>	Polycarbonate (PC)
<b>Headband:</b>	Nylon (PA)

First Issued: 2019-09-09  
Latest Issue: 2019-09-12

Effective Date: 2019-09-12  
Expiry Date: 2024-09-09

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A member of BSI Group of Companies.

# EU Type Examination Certificate

No. CE 712334

## Product Details

<b>Product type:</b>	Personal eye protection – Faceshield
<b>Models:</b>	<b>SE3740(SE374A+SE374B)/SE37401(SE374A+SE375D)/SE3746(SE374A+SE374J)</b>
<b>Technical Specification:</b>	Harmonized European Standard EN 166:2001.
<b>EN 166 Classification:</b>	Optical Class 1 Protection against high speed particles, medium energy impact, symbol B
<b>Technical Specification:</b>	Harmonized European Standard EN 1731:2006.
<b>EN 1731 Classification:</b>	Protection against high speed particles, low energy impact, symbol F

## Basic description

<b>Body/Frame:</b>	Polypropylene (PP)
<b>Lens / Visor:</b>	Polycarbonate (PC) Polypropylene (PP) and steel mesh
<b>Headband:</b>	Nylon (PA)

First Issued: 2019-09-09  
Latest Issue: 2019-09-12

Effective Date: 2019-09-12  
Expiry Date: 2024-09-09

Page: 12 of 14

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BSI Group The Netherlands B.V., registered in the Netherlands under number 33264284, at John M. Keynesplein 9, 1066 EP Amsterdam, The Netherlands  
A member of BSI Group of Companies.

# EU Type Examination Certificate

No. CE 712334

## Product Details

<b>Product type:</b>	Personal eye protection – Faceshield
<b>Models:</b>	<b>SE378J(SE378H+SE374B)/SE378K(SE378H+SE375D)/SE378M(SE378H+SE374J)</b>
<b>Technical Specification:</b>	Harmonized European Standard EN 166:2001.
<b>EN 166 Classification:</b>	Optical Class 1 Protection against high speed particles, medium energy impact, symbol B
<b>Technical Specification:</b>	Harmonized European Standard EN 1731:2006.
<b>EN 1731 Classification:</b>	Protection against high speed particles, low energy impact, symbol F

## Basic description

<b>Body/Frame:</b>	Polypropylene (PP)
<b>Lens / Visor:</b>	Polycarbonate (PC) Polypropylene (PP) and steel mesh

First Issued: 2019-09-09  
Latest Issue: 2019-09-12

Effective Date: 2019-09-12  
Expiry Date: 2024-09-09

# EU Type Examination Certificate

No. CE 712334

## Certificate Administration Details

Products initially approved under BSI certificate number CE 691450.

## Certificate Amendments Records

Issue date	Comments	BSI Review Ref.
September 2019	First Issue.	0086:19:9784881

## Certification Validity

The Certificate holder is responsible for ensuring that the Notified Body is advised of changes to any aspect of the overall processes utilised in the manufacture of the product, failure to do so could invalidate the Certificate in respect of product manufactured following the introduction of such changes.

First Issued: 2019-09-09  
Latest Issue: 2019-09-12

Effective Date: 2019-09-12  
Expiry Date: 2024-09-09

# EU Type Examination Certificate

This is to certify that:

Pan Taiwan Enterprise Co., Ltd.  
16F-1, No. 16, Jian Ba Road  
Chung Ho District  
New Taipei City  
23511  
Taiwan

Holds Certificate Number:

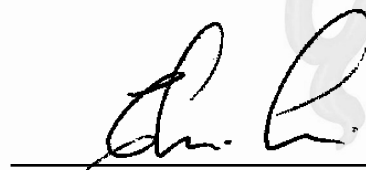
CE 701436

In respect of:

**Industrial Safety Helmets to EN 397:2012+A1:2012, EN 50365:2002.  
See continuation sheet for details.**

on the basis BSI carried out the relevant Type Examination procedure in accordance with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment (PPE) Annex V (Module B) and meets the relevant health and safety requirements specified in Annex II.

For and on behalf of BSI, a Notified  
Body for the above Regulation  
(Notified Body Number 0086):



Chris Lewis - Certification Director, Product Certification

First Issued: 2019-01-21

Latest Issue: 2019-01-21

Effective Date: 2019-01-21

Expiry Date: 2024-01-21

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# EU Type Examination Certificate

No. CE 701436

## Product Specification

**Model:** SE1701V Industrial Safety Helmet

**Technical Specification:** EN 397:2012+A1:2012 Industrial safety Helmets.  
EN 50365:2002 Electrically insulating helmets for use on low voltage installations.  
This helmet is subject to ongoing surveillance under Module C2 of the PPE Regulation, certificate number CE 629299.

EN 397 categorisation: Mandatory clauses with optional:  
Lateral deformation (LD)  
Electrical Insulation (440V a.c).

EN 50365 categorisation: Class 0 (1000V a.c)

## Product Description

**Shell:** Moulded PP shell with one of six types of harnesses as listed below.  
This model has a fabric sweatband fitted to the front section of the headband.

**Harnesses:** SE17P41, SE17P42, SE17R42, SE17P61, SE17R62 and SE17S41

Harness Type	Headband	Cradle	Nape Strap Adjustment	Size Range
SE17P41 (4 point attachment)	Plastics	Plastics	'Post and hole'	55 to 62cm
SE17P42 (4 point attachment)	Plastics	Webbing	'Post and hole'	55 to 62cm
SE17R42 (4 point attachment)	Plastics	Webbing	Ratchet	55 to 62cm
SE17P61 (6 point attachment)	Plastics	Plastics	'Post and hole'	55 to 62cm
SE17R62 (6 point attachment)	Plastics	Webbing	Ratchet	55 to 62cm
SE17S41 (4 point attachment)	Plastics	Webbing	Push Type	55 to 62cm

First Issued: 2019-01-21  
Latest Issue: 2019-01-21

Effective Date: 2019-01-21  
Expiry Date: 2024-01-21

# EU Type Examination Certificate

No. CE 701436

## Product Specification (continued)

**Model:** SE1701 Industrial Safety Helmet  
**Technical Specification:** EN 397:2012+A1:2012 Industrial safety Helmets.

EN 397 categorisation: Mandatory requirements only.

## Product Description

Shell: Moulded PP shell with one of six types of harnesses as listed below.  
This model has a fabric sweatband fitted to the front section of the headband.

Harnesses: SE17P41, SE17P42, SE17R42, SE17P61, SE17R62 and SE17S41

**Model:** SE17010 Industrial Safety Helmet  
**Technical Specification:** EN 397:2012+A1:2012 Industrial safety Helmets.

EN 397 categorisation: Mandatory requirements only.

## Product Description

Shell: ABS plastics shell with one of three types of harnesses as listed below.  
This model has a fabric sweatband fitted to the front section of the headband.

Harnesses: SE17P42, SE17R42 and SE17R62

Harness Type	Headband	Cradle	Nape Strap Adjustment	Size Range
SE17P41 (4 point attachment)	Plastics	Plastics	'Post and hole'	55 to 62cm
SE17P42 (4 point attachment)	Plastics	Webbing	'Post and hole'	55 to 62cm
SE17R42 (4 point attachment)	Plastics	Webbing	Ratchet	55 to 62cm
SE17P61 (6 point attachment)	Plastics	Plastics	'Post and hole'	55 to 62cm
SE17R62 (6 point attachment)	Plastics	Webbing	Ratchet	55 to 62cm
SE17S41 (4 point attachment)	Plastics	Webbing	Push Type	55 to 62cm

First Issued: 2019-01-21  
Latest Issue: 2019-01-21

Effective Date: 2019-01-21  
Expiry Date: 2024-01-21

# EU Type Examination Certificate

No. CE 701436

## Product Specification (continued)

**Model:** SE1716 Industrial Safety Helmet

**Technical Specification:** EN 397:2012+A1:2012 Industrial safety Helmets.

EN 397 categorisation: Mandatory requirements only.

## Product Description

**Shell:** Moulded PP shell with one of two types of harnesses as listed below.  
Shell contains ventilation holes.

**Harnesses:** SE17R41 and SE17R42

**Model:** SE1718 Industrial Safety Helmet

**Technical Specification:** EN 397:1995 incorporating amendment 1 Specification for industrial safety helmets.  
This model meets and is marked to EN 397:2012+A1:2012.

EN 397 categorisation: Mandatory requirements only.

## Product Description

**Shell:** Moulded PP shell with one of two types of harnesses as listed below.  
This model has a fabric sweatband fitted to the front section of the headband.

**Harnesses:** SE17P63 and SE17R63

Harnesses:	Headband	Cradle	Nape Strap Adjustment	Size Range SM904	Size Range SM906
SE17R41 (4 point attachment)	Plastics	Plastics	Ratchet	55 to 62cm	N/A
SE17R42 (4 point attachment)	Plastics	Webbing	Ratchet	55 to 62cm	N/A
SE17P63 (6 point attachment)	Plastics	Plastics	'Post and Hole'	N/A	52 to 62cm
SE17R63 (6 point attachment)	Plastics	Webbing	Ratchet	N/A	52 to 62cm

First Issued: 2019-01-21  
Latest Issue: 2019-01-21

Effective Date: 2019-01-21  
Expiry Date: 2024-01-21

# EU Type Examination Certificate

No. CE 701436

## Product Specification (continued)

**Model:** SE1702 Industrial Safety Helmet

**Technical Specification:** EN 397:1995 incorporating amendment 1 Specification for industrial safety helmets.  
This model meets and is marked to EN 397:2012+A1:2012.

EN 397 categorisation: Mandatory requirements only.

## Product Description

**Shell:** Moulded PP shell with one of three types of harnesses as listed below.  
This model has a fabric sweatband fitted to the front section of the headband.

**Harnesses:** SE17P45, SE17R44 and SE17R64

**Model:** SE1700 Industrial Safety Helmet

**Technical Specification:** EN 397:2012+A1:2012 Industrial safety Helmets.

EN 397 categorisation: Mandatory requirements only.

## Product Description

**Shell:** Moulded PP shell with one of three types of harnesses as listed below.  
This model is unvented.

**Harnesses:** SE17P41, SE17R42 and SE17R62

Harnesses:	Headband	Cradle	Nape Strap Adjustment	Size Range
SE17P41 (4 point attachment)	Plastics	Plastics	'Post and hole'	55 to 62cm
SE17R42 (4 point attachment)	Plastics	Webbing	Ratchet	55 to 62cm
SE17R62 (6 point attachment)	Plastics	Webbing	Ratchet	55 to 62cm
SE17P45 (4 point attachment)	Plastics	Webbing	'Post and hole'	55 to 62cm
SE17R44 (4 point attachment)	Plastics	Webbing	Ratchet	55 to 62cm
SE17R64 (6 point attachment)	Plastics	Webbing	Ratchet	55 to 62cm

First Issued: 2019-01-21  
Latest Issue: 2019-01-21

Effective Date: 2019-01-21  
Expiry Date: 2024-01-21

# EU Type Examination Certificate

No. CE 701436

## Product Specification (continued)

**Model:** SE17161 Industrial Safety Helmet  
**Technical Specification:** EN 397:2012+A1:2012 Industrial safety Helmets.

EN 397 categorisation: Mandatory requirements only.

## Product Description

**Shell:** Moulded PP shell with one of three types of harnesses as listed below.  
Shell contains ventilation holes on the top of the helmet.

**Harnesses:** SE17P41, SE17R42 and SE17R62

**Model:** SE17022 Industrial Safety Helmet  
**Technical Specification:** EN 397:2012+A1:2012 Industrial safety Helmets.

EN 397 categorisation: Mandatory requirements only.

## Product Description

**Shell:** Moulded PP shell with one of three types of harnesses as listed below.  
Shell contains ventilation holes on top of the helmet

**Harnesses:** SE17P43, SE 17R61 and SE17R63

Harnesses:	Headband	Cradle	Nape Strap Adjustment	Size Range
SE17P41 (4 point attachment)	Plastics	Plastics	'Post and hole'	55 to 62cm
SE17R42 (4 point attachment)	Plastics	Webbing	Ratchet	55 to 62cm
SE17R62 (6 point attachment)	Plastics	Webbing	Ratchet	55 to 62cm
SE17P43 (4 point attachment)	Plastics	Plastics	'Post and hole'	55 to 62cm
SE17R61 (6 point attachment)	Plastics	Plastics	Ratchet	55 to 62cm
SE17R63 (6 point attachment)	Plastics	Webbing	Ratchet	55 to 62cm

First Issued: 2019-01-21  
Latest Issue: 2019-01-21

Effective Date: 2019-01-21  
Expiry Date: 2024-01-21

# EU Type Examination Certificate

No. CE 701436

**Product Specification (continued)**

**Model:** SE17162 Industrial Safety Helmet

**Technical Specification:** EN 397:2012+A1:2012 Industrial safety Helmets.

EN 397 categorisation: Mandatory requirements only.

**Product Description**

Shell: Moulded PP shell with one of three types of harnesses as listed below.  
This model is unvented.

Harnesses: SE17P61, SE17S42 and SE17R62

**Model:** SE17023 Industrial Safety Helmet

**Technical Specification:** EN 397:2012+A1:2012 Industrial safety Helmets.

EN 397 categorisation: Mandatory requirements only.

**Product Description**

Shell: Moulded PP shell with one of three types of harnesses as listed below.  
This model is unvented.

Harnesses: SE17P43 and SE17R63

Harnesses:	Headband	Cradle	Nape Strap Adjustment	Size Range
SE17S42 (4 point attachment)	Plastics	Webbing	Push Type	55 to 62cm
SE17P61 (6 point attachment)	Plastics	Plastic	Post and hole'	55 to 62cm
SE17R62 (6 point attachment)	Plastics	Webbing	Ratchet	55 to 62cm
SE17P43 (4 point attachment)	Plastics	Plastics	'Post and hole'	55 to 62cm
SE17R63 (6 point attachment)	Plastics	Webbing	Ratchet	55 to 62cm

First Issued: 2019-01-21  
Latest Issue: 2019-01-21

Effective Date: 2019-01-21  
Expiry Date: 2024-01-21



# EU Type Examination Certificate

No. CE 701436

## Certificate Administration Details

Product initially approved on BSI certificate: CE 691452.

Certificate Amendment Record:

Issue Date	Comments	BSI Review Ref:
January 2019	First issue.	0086:19:9664098

## Certificate validity

The Certificate holder is responsible for ensuring that the Notified Body is advised of changes to any aspect of the overall process utilised in the manufacture of the product, failure to do so could invalidate the Certificate in respect of product manufactured following the introduction of such changes.

First Issued: 2019-01-21  
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Effective Date: 2019-01-21  
Expiry Date: 2024-01-21

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This certificate has been issued by and remains the property of BSI Assurance UK Ltd, Kitemark Court, Davy Avenue, Knowlhill, Milton Keynes MK5 8PP, United Kingdom and should be returned immediately upon request.  
To check its validity telephone +44 (0) 345 080 9000. An electronic certificate can be authenticated [online](#).

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