



Issued to: **Portwest Ltd**
Westport
County Mayo,
Ireland

Notified Body 0321

SATRA Client : P0214

EC Type-Examination Certificate

Number 9234 Issue 1

This is to certify that the product group reference "PS46" comprising the following products:

Product Reference	Description
PS46	Earmuffs consisting of a PU coated headband with two BS ear cups. Each ear cup houses PU foam and a PVC ear cushion.

Frequency (Hz)	125	250	500	1000	2000	4000	8000
Mean attenuation	20.5	23.0	33.5	41.8	37.8	39.7	38.3
Standard deviation	2.7	2.3	1.9	2.4	2.8	3.2	3.0
Assumed protection	17.8	20.7	31.6	39.4	35.1	36.5	35.3
	SNR = 34		H = 36		M = 32		L = 24

Technical reports:

SATRA: CHM0266503/1803/EN
 Michael & Associates, Inc: Q4238A

has been subject to an EC Type-examination in accordance with Article 10 of the PPE Directive (89/686/EEC) and has been shown to satisfy the relevant provisions of this Directive for the intermediate category through:

- i Testing to the following standard: **EN 352-1:2002**
- ii Examination of the relevant technical documentation.

You are therefore licensed to mark the product(s) listed above in accordance with Article 13 of Directive (89/686/EEC) and any relevant amending Directives once you have drawn up an EC declaration of product conformity. Please note that:

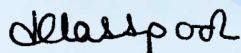
1. Full details of the certification and product are contained in the manufacturer's technical file
2. This certificate is issued subject to the conditions on the reverse side of this certificate
3. Where a translation of this certificate exists, the English language version shall be considered as the authoritative text

Signed:

 (Geoff Graham)

Date 16/03/2018

Signed:



On behalf of SATRA

CONDITIONS AND NOTES

1. CARE AND PROTECTION OF CERTIFICATES

This certificate shall be kept together with the relevant technical files in a safe place by the client named on this certificate. Production of this certificate and other documentation may be required by a representative of the EC member state government (in the UK, this will be Trading Standards Department of Local Authorities) and these must be produced within the specified time.

2. EXPIRY OF CERTIFICATES

This certificate relates only to the condition of the testable items at the time of the certification procedure. This certificate will cover the product until such a time that any of these conditions are changed. The certificate therefore does not have an expiry date.

3. WITHDRAWAL OF CERTIFICATES

SATRA Technology Centre reserves the right to withdraw this certificate if it is found that a condition of manufacture, design, materials or packaging have been changed and therefore no longer comply with the requirements of the PPE directive.

4. LOSS OF CERTIFICATES

If you lose this certificate you can get a duplicate from SATRA Technology Centre for a minimal charge by quoting details such as the approximate date of issue and the product reference.

PPE Doc 13/14 Issue 1