Spotting a Fake Respirator
Can You Spot a Fake Respirator?

• Sadly, during the coronavirus pandemic the personal protective equipment (PPE) market is inundated with fake respirators claiming to be genuine.

• These fakes will pose a health risk to anyone wearing them because they will provide little protection against the coronavirus.

• These slides explain the markings expected to be found on genuine respirators and the information that should be contained in a EU Certificate and Declaration of Conformity (DoC).

• The last slide contains useful links to other resources to help you identify whether a PPE product is genuine or not.
Genuine or Fake?
Spotting a Fake – Understanding FFP Markings

European Standard EN149 requires a FFP to have the following markings:

For example:

- Manufacturer name or logo: 3M
- European Standard number: EN149:2001
- European certification mark: CE
- Manufacturer model number: 8810
- Filtering facepiece class: FFP2 NR
- Notified Body responsible for the product certification: 0086
Spotting a Fake – Understanding FFP Markings

NIOSH APR-FFR standard requires a FFP to have the following markings:

For example:

- Manufacturer name or logo: 3M
- The word ‘NIOSH’: NIOSH
- NIOSH Approval number: TC-84A-0006
- Manufacturer model number: 1860
- Manufacturer's lot number: B11159
- Filtering facepiece class: N95
Spotting a Fake – Understanding FFP Markings

Chinese Standard GB2626-2006 requires a KN95 to have the following markings:

For example:

- Manufacturer name or logo: 3M
- Chinese Standard: GB2626-2006
- Manufacturer model number: 9505Z
- Filtering facepiece class: KN95
The CE Mark

The CE mark is a specific design and should appear as shown below:

- Looks like a circle cut in half
- Looks like a circle cut in half
- The middle line of the ‘E’ does not extend to the centre of the circle
EU Type Examination Certificate

Certification Number

Manufacturer name and address

Approval to PPE Regulation

Date of Issue & Date of Expiry

Product description and coding

Signature of authorised person at Notified Body

Notified Body Name and number

Certificate Number

Date of Issue: 01 April 2020

Date of Expiry: 31st March 2025

AS Safety Spectacle -300115

It is certified that the manufacturer’s technical file and the above mentioned PPE have been assessed and found to meet the essential Health & Safety Requirements in Annex II of Regulation (EU) 2016/425 Personal Protective Equipment

Certification is based on technical file reference ASSS0012 and test results as detailed on following pages

This certificate remains the Property of BSIF to whom it must be returned on request

07/05/2020

Authorised by

BSIF, Notified Body 0101
BSIF House
Hemel Hempstead, Herts.
HP1 3AF England
www.bsif.co.uk

Courtesy of BSIF
www.bsif.co.uk
www.fit2fit.org

Example created to show content of a Module B EU Type Examination Certificate. This is a Mock Up – BSIF are NOT a Notified Body

07/05/2020
EU Declaration of Conformity (DoC)

This declaration of Conformity is issued under the sole responsibility of the manufacturer:
BSIF
BSIF House
Hemel Hempstead
Herts. HP1 3AF

Cov-R-All Chemical Protective Coverall C/w Hood
Code: CRA100 – Category III PPE
Yellow – Size Ranges Small to XXXL
Various Batch Numbers apply

The product referenced in this Declaration satisfies the essential Health & Safety requirements of Regulation (EU) 2016/425 Personal Protective Equipment

The product referenced in this declaration is issued in compliance with the following harmonised Standards

EN 13034:2005+A1:2009 Type 6 – Protection against reduced spray of liquid chemicals
EN ISO 13982-1:2004+A1:2010 Type 5 – Protection against hazardous particles
EN 14605:2005+A1:2009 Type 3 & 4 – Protection against liquid chemicals
EN 14126:2003 Type 3B/4B/5B/6B – Protection from biological hazards
EU Module B Type Certificate number: 5231105/1 Refers

EU type Examinations by:
BTTG Testing & Certification Ltd
Unit 18, Wheel Forge Way
Trafford Park, Manchester, M17 1DY
Notified Body No: 0138

Module D QA Assessment by:
SATRA Technology Europe Ltd
Bracton Business Park
Clarence, Dublin, D15 YN2P
Notified Body No: 2777

Authorised and approved: 01/04/2020
Issued by: [Signature]

EU DoC must be provided with the product or be available to download or on request to the PPE manufacturer/supplier.
Genuine or Fake?

- No Standard number
- No manufacturer name, logo or model number
- No markings on packaging
- No EU CE mark and Notified Body number

- Unusual design
- No EU Notified Body Number
- No manufacturer name, logo or model number
- No ‘N’ or ‘NR’ marking

- No EU Notified Body Number
- No ‘N’ or ‘NR’ marking
- ISO:9001 is not relevant to RPE certification

07/05/2020
Spotting a Fake: 8-Point Summary

1. Examine the markings on the product – are they all there and do they look correct?
2. Is a copy of the EU certification and the Declaration of Conformity (DoC) available?
3. Do the certificates and DoC contain the required information?
4. Check the reference to the standard(s) on the product and on the certificates and DoC
5. Are the manufacturers’ user instructions provided?
6. Does the product look and feel right?
7. Are there any misspelt words?
8. If you are in doubt, check via the links in the resources provided on the next slide
Useful Resources

• British Safety Industry Federation (BSIF): Fake PPE Certificates
  https://www.bsif.co.uk/campaigns-projects/fake-certificate/
  https://www.bsif.co.uk/are-you-concerned-about-ppe-certificates/

• European Safety Federation: COVID-19 Suspicious certificates for PPE

• HSE: Report a defective product

• EU Notified Bodies