



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
'NR' - Single shift use
'R' - Re-usable

FFP2 NR

Notified Body responsible for
the product certification

0086

Spotting a Fake – Understanding FFP Markings



N95

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



IMPORTANT: N95 respirators can only be used by healthcare workers for protection against SARS-COV-2. Note: 'Fast-tracked' CE certified N95 may not carry a CE mark.

Spotting a Fake – Understanding FFP Markings

KN95

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

For example:

Manufacturer name or logo
3M

Chinese Standard
GB2626-2006



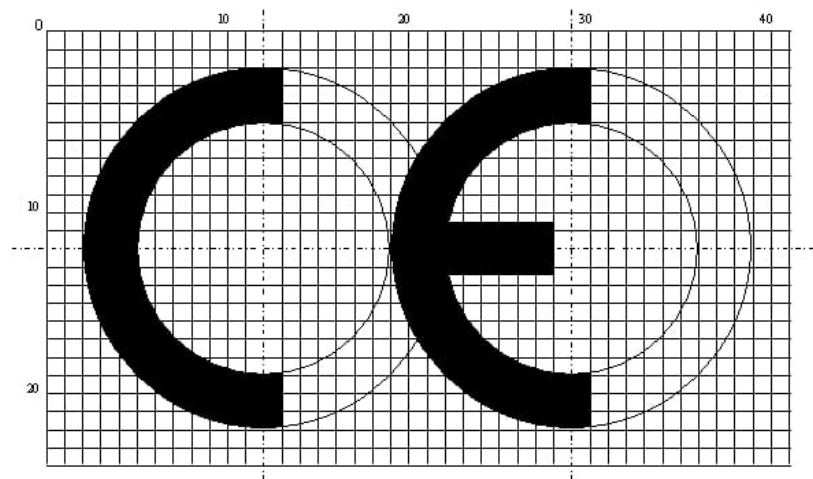
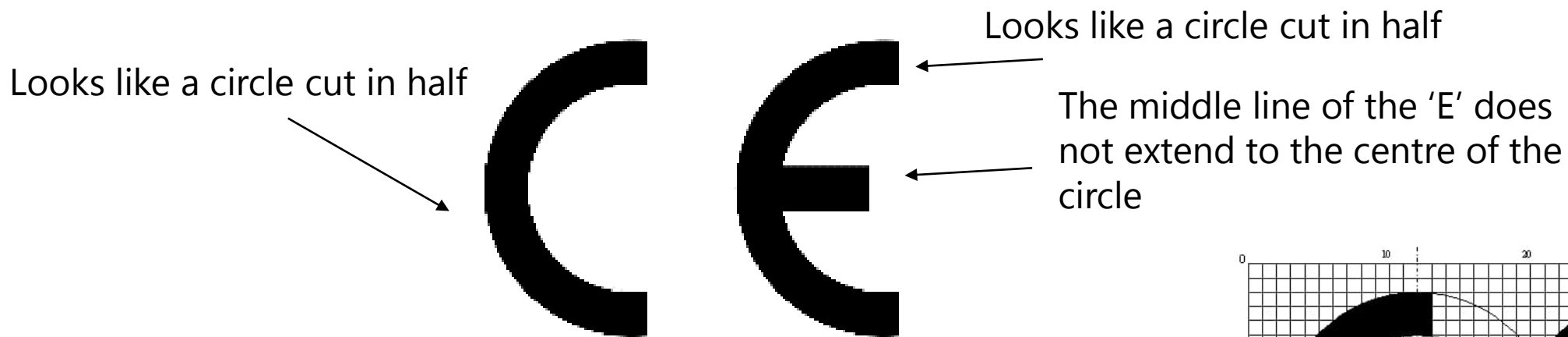
Manufacturer model number
9505Z

Filtering facepiece class
KN95

IMPORTANT: KN95 must not be used as PPE at work unless their supply has been agreed by HSE as the Market Surveillance Authority.

The C€ Mark

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



EU Type Examination Certificate

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

Notified Body Name and number

Certificate BSIF00125001

AnySupply Ltd
 1a High Street
 Anyton
 Anyshire
 AN1 1NA

It is certified that the manufacturers technical files and the PPE products detailed on this certificate have been assessed and found to be in accordance with

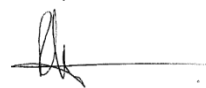
PPE Regulation (EU) 2016/425
 Module B, EU type-examination

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

Authorised by

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

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

Certificate Number

Manufacturer name and address

Approval to PPE Regulation

Date of Issue & Date of Expiry

Product description and coding

Subsequent pages with test details etc. listed

Signature of authorised person at Notified Body

Name, address, and number of Notified Body

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

EU Declaration of Conformity (DoC)

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

Company Logo



Name and Address of manufacturer

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

Description & code of PPE

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



Image of Product (Note: not all DoCs will contain an image)

Declaration of Compliance with PPE Regulation

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

Details of Module B Certificate(s)

The product referenced in this declaration is 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
EN 1149-5:2008 Electrostatic Properties – Performance requirements using EN1149-1:2006
EU Module B Type Certificate number: 5231105/1 Refers

Declaration of Compliance with specific standards

Details of Notified Body who issued Module B Certificate(s)

EU type Examinations by: **BTTG Testing & Certification Ltd**
Unit 14, Wheel Forge Way
Trafford Park, Manchester, M17 1EH
Notified Body No: 0338
Module D QA Assessment by: **SATRA Technology Europe Ltd**
Bracetown Business Park
Clonee, Dublin, D15 YN2P
Notified Body No: 2777

Details of Notified Body who conduct QA Module Assessment

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

Authorised and approved: 01/04/2020
Issued by:

Details of who (person) issued D of C and date of issue

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



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

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

<https://www.eu-esf.org/covid-19/4513-covid-19-suspicious-certificates-for-ppe>

- HSE: Report a defective product

<https://www.hse.gov.uk/work-equipment-machinery/report-defective-product.htm>

- EU Notified Bodies

https://ec.europa.eu/growth/tools-databases/nando/index.cfm?fuseaction=directive.notifiedbody&dir_id=155501