Conformity to Type based on Quality Assurance of the Production Process

This is to certify that:

WEINI TECHNOLOGY DEVELOPMENT CO., LTD
No2 Xingye Road, Xicheng Industrial Zone
Renhe Town, Baiyun District
Guangzhou
Guangdong
510470
China

Digitally signed by Jighili Tatiana
Date: 2021.04.26 13:13:03 EEST
Reason: MoldSign Signature
Location: Moldova

Holds Certificate Number: CE 709480

In respect of:

The manufacture of filtering half masks to EN 149:2001+A1:2009

on the basis that BSI carried out the quality assurance assessment under the requirements with the Regulation (EU) 2016/425 of the European Parliament and Council relating to Personal Protective Equipment Regulation (PPE) Annex VIII (Module D)

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

Drs. Dave Hagenaars, Managing Director

Previous Notified Body: BSI 0086

First Issued: 2019-08-12

Effective Date: 2019-10-24

Latest Issue: 2019-10-24

Expiry Date: 2024-08-12

PRODUCTS RvA C 646

...making excellence a habit.™

Conformity to Type based on Quality Assurance of the Production Process

No. CE 709480

Product manufactured at the following location:

WEINI TECHNOLOGY DEVELOPMENT CO., LTD
No2 Xingye Road, Xicheng Industrial Zone
Renhe Town, Baiyun District
Guangzhou
Guangdong
510470
China

Product Specification

The products covered by the scope of this Certificate conform to the following standard:

Standard	Product Type
EN 149:2001+A1:2009	Respiratory protective devices - Filtering half masks to protect against particles

Certificate Amendment Record

Issue date	Comments	BSI Project No.
August 2019	First issue under PPE Regulation (EU) 2016/425.	0086:19:9752774

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 products, failure to do so could invalidate the Certificate in respect of product manufactured following the introduction of such changes.

The validity of the Certificate is also dependent on the maintenance of an ISO 9001 quality system certified by a recognized certification organisation.

First Issued: 2019-08-12
Latest Issue: 2019-10-24

Effective Date: 2019-10-24
Expiry Date: 2024-08-12

bsi.

By Royal Charter

EU Type Examination Certificate

This is to certify that:

WEINI TECHNOLOGY DEVELOPMENT CO., LTD
No2 Xingye Road, Xicheng Industrial Zone
Renhe Town, Baiyun District
Guangzhou
Guangdong
510470
China

Holds Certificate Number: CE 709415

In respect of:

Filtering half masks to EN 149:2001+A1:2009.
Various models - see continuation sheet 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):

Drs. Dave Hagenaars, Managing Director

Previous Notified Body: BSI 0086

First Issued: 2019-09-10

Effective Date: 2019-10-24

Latest Issue: 2019-10-24

Expiry Date: 2024-09-10

PRODUCTS
RvA C 646

...making excellence a habit.™

EU Type Examination Certificate

No. CE 709415

Product Specification – Moulded Particulate Half Masks

Technical specification: EN 149:2001+A1:2009 Respiratory protective devices – Filtering half masks to protect against particles
Classification – Single shift NR

Description: The particulate respirators are designed to protect against solid and non-volatile liquid particles. Half masks are of moulded cup shape design, comprising of aluminium nose bridge, a sponge nose pad and are held on the face by a pair of cotton with lycra elastic headbands.
All models are single shift devices (denoted by the classification symbol NR).
Some models incorporate a single, polyethylene exhalation valve, see details on models denoted by letter V. FFP1 models comprise of the exact same filter media material build up as FFP2 models.

FFP Class **FFP1** (without clogging option D)

Models:
K-210
K-210V (mask with exhalation valve)
K-210C (mask with activated charcoal)
K-210VC (mask with exhalation valve and activated charcoal)

FFP Class **FFP2** (without clogging option D)

Models:
K-220
K-220V (mask with exhalation valve fitted)
K-220C (mask with activated charcoal)
K-220VC (mask with exhalation valve and activated charcoal)

First Issued: 2019-09-10
Latest Issue: 2019-10-24

Effective Date: 2019-10-24
Expiry Date: 2024-09-10

EU Type Examination Certificate

No. CE 709415

Product Specification – Moulded Particulate Half Masks

Technical specification: EN 149:2001+A1:2009 Respiratory protective devices – Filtering half masks to protect against particles
Classification – Single shift NR

Description: The particulate respirators are designed to protect against solid and non-volatile liquid particles. Half masks are of moulded cup shape design, comprising of plastic PP wire nose bridge, a sponge nose pad and are held on the face by a pair of cotton with lycra elastic headbands.
All models are single shift devices (denoted by the classification symbol NR).
Some models incorporate a single, polyethylene exhalation valve, see details on models denoted by letter V. FFP1 models comprise of the exact same filter media material build up as FFP2 models.

FFP Class **FFP1** (without clogging option D)

Models:
T-210
T-210V (mask with exhalation valve)
T-210C (mask with activated charcoal)
T-210VC (mask with exhalation valve and activated charcoal)

FFP Class **FFP2** (without clogging option D)

Models:
T-220
T-220V (mask with exhalation valve fitted)
T-220C (mask with activated charcoal)
T-220VC (mask with exhalation valve and activated charcoal)

First Issued: 2019-09-10
Latest Issue: 2019-10-24

Effective Date: 2019-10-24
Expiry Date: 2024-09-10

EU Type Examination Certificate

No. CE 709415

Product Specification – Moulded Particulate Half Masks

Technical specification: EN 149:2001+A1:2009 Respiratory protective devices – Filtering half masks to protect against particles
Classification – Single shift NR

Description: The particulate respirators are designed to protect against solid and non-volatile liquid particles. Half masks are of moulded cup shape design, comprising of plastic PP wire nose bridge, a polyester nose pad and are held on the face by a pair of cotton with lycra elastic headbands. All models are single shift devices (denoted by the classification symbol NR). Some models incorporate a single, polyethylene exhalation valve, see details on models denoted by letter V. FFP1 models comprise of the exact same filter media material build up as FFP2 models.

FFP Class **FFP1** (without clogging option D)

Models:
E-210
E-210V (mask with exhalation valve)
E-210C (mask with activated charcoal)
E-210VC (mask with exhalation valve and activated charcoal)

FFP Class **FFP2** (without clogging option D)

Models:
E-220
E-220V (mask with exhalation valve fitted)
E-220C (mask with activated charcoal)
E-220VC (mask with exhalation valve and activated charcoal)

First Issued: 2019-09-10
Latest Issue: 2019-10-24

Effective Date: 2019-10-24
Expiry Date: 2024-09-10

EU Type Examination Certificate

No. CE 709415

Product Specification – Moulded Particulate Half Masks

Technical specification: EN 149:2001+A1:2009 Respiratory protective devices – Filtering half masks to protect against particles
Classification – Single shift NR

Description: The particulate respirators are designed to protect against solid and non-volatile liquid particles. Half masks are of moulded cup shape design, comprising of plastic PP wire nose bridge, a velvet PVC nose pad and are held on the face by a pair of cotton with lycra elastic headbands.
All models are single shift devices (denoted by the classification symbol NR).
Some models incorporate a single, polyethylene exhalation valve, see details on models denoted by letter V. FFP1 models comprise of the exact same filter media material build up as FFP2 models.

FFP Class **FFP1** (without clogging option D)

Models:
C-210
C-210V (mask with exhalation valve)
C-210C (mask with activated charcoal)
C-210VC (mask with exhalation valve and activated charcoal)

FFP Class **FFP2** (without clogging option D)

Models:
C-220
C-220V (mask with exhalation valve fitted)
C-220C (mask with activated charcoal)
C-220VC (mask with exhalation valve and activated charcoal)

First Issued: 2019-09-10
Latest Issue: 2019-10-24

Effective Date: 2019-10-24
Expiry Date: 2024-09-10

EU Type Examination Certificate

No. CE 709415

Product Specification – Moulded Particulate Half Masks

Technical specification: EN 149:2001+A1:2009 Respiratory protective devices – Filtering half masks to protect against particles
Classification – Single shift NR

Description: The particulate respirator is designed to protect against solid and non-volatile liquid particles. This half mask is of moulded cup shape design, comprising of PP plastic wire nose bridge, a velvet PVC nose pad and is held on the face by a pair of elastic headbands. The model is a single shift device (denoted by the classification symbol NR), fitted with PP plastic exhalation valve.

FFP Class **FFP3** (without clogging option D)

Model: E-340V (mask with exhalation valve fitted)

Product Specification – Fold Flat Particulate Half Masks

Technical specification: EN 149:2001+A1:2009 Respiratory protective devices – Filtering half masks to protect against particles
Classification – Single shift NR

Description: The particulate respirators are designed to protect against solid and non-volatile liquid particles. Half masks are horizontal flat fold design, comprising of PP iron wire nose bridge, a sponge nose pad and are held on the face by a pair of elastic headbands.
All models are single shift devices (denoted by the classification symbol NR).
Some models incorporate a single, PP plastic exhalation valve, see details on models denoted by letter V. FFP1 models comprise of the exact same filter media material build up as FFP2 models.

FFP Class **FFP1** (without clogging option D)

Models: F-810
F-810V (mask with exhalation valve)
F-810VC (mask with exhalation valve and activated charcoal)

FFP Class **FFP2** (without clogging option D)

Models: F-820
F-820V (mask with exhalation valve fitted)
F-820VC (mask with exhalation valve and activated charcoal)

First Issued: 2019-09-10 Effective Date: 2019-10-24
Latest Issue: 2019-10-24 Expiry Date: 2024-09-10

EU Type Examination Certificate

No. CE 709415

Product Specification – Fold Flat Particulate Half Masks

Technical specification: EN 149:2001+A1:2009 Respiratory protective devices – Filtering half masks to protect against particles
Classification – Single shift NR

Description: The particulate respirators are designed to protect against solid and non-volatile liquid particles. Half masks are horizontal flat fold design, comprising of PP iron wire nose bridge, a velvet PVC nose pad and are held on the face by a pair of cotton with lycra elastic headbands.
All models are single shift devices (denoted by the classification symbol NR).
Some models incorporate a single, polyethylene exhalation valve, see details on models denoted by letter V. FFP1 models comprise of the exact same filter media material build up as FFP2 models.

FFP Class **FFP1** (without clogging option D)

Models: C-810
C-810V (mask with exhalation valve)
C-810VC (mask with exhalation valve and activated charcoal)

FFP Class **FFP2** (without clogging option D)

Models: C-820
C-820V (mask with exhalation valve fitted)
C-820VC (mask with exhalation valve and activated charcoal)

First Issued: 2019-09-10
Latest Issue: 2019-10-24

Effective Date: 2019-10-24
Expiry Date: 2024-09-10

EU Type Examination Certificate

No. CE 709415

Product Specification – Flat Fold Particulate Half Masks

Technical specification: EN 149:2001+A1:2009 Respiratory protective devices – Filtering half masks to protect against particles
Classification – Single shift NR

Description: The particulate respirators are designed to protect against solid and non-volatile liquid particles. Half masks are horizontal flat fold design, comprising of PP iron wire nose bridge, a sponge nose pad and are held on the face by a pair of natural rubber headbands.
All models are single shift devices (denoted by the classification symbol NR).
Some models incorporate a single, PP plastic exhalation valve, see details on models denoted by letter V.

FFP Class **FFP2** (without clogging option D)

Models: E-820
E-820V (mask with exhalation valve fitted)
E-820C (mask with activated charcoal)
E-820VC (mask with exhalation valve and activated charcoal)

Product Specification – Flat Fold Particulate Half Masks

Technical specification: EN 149:2001+A1:2009 Respiratory protective devices – Filtering half masks to protect against particles
Classification – Single shift NR

Description: The particulate respirator is designed to protect against solid and non-volatile liquid particles. Half mask is a horizontal flat fold design, comprising of PP plastic wire nose bridge, a sponge nose pad and is held on the face by a pair of elastic headbands.
Model is a single shift device (denoted by the classification symbol NR), and incorporates a single, PP plastic exhalation valve.

FFP Class **FFP3** (without clogging option D)

Model: E-830V (mask with exhalation valve fitted)

First Issued: 2019-09-10 Effective Date: 2019-10-24
Latest Issue: 2019-10-24 Expiry Date: 2024-09-10

EU Type Examination Certificate

No. CE 709415

Product Specification – Flat Fold Particulate Half Masks

Technical specification: EN 149:2001+A1:2009 Respiratory protective devices – Filtering half masks to protect against particles
Classification – Single shift NR

Description: The particulate respirators are designed to protect against solid and non-volatile liquid particles. Half masks are vertical flat fold design, comprising of aluminium nose bridge, a sponge nose pad and are held on the face by a pair of elastic headbands.
All models are single shift devices (denoted by the classification symbol NR).
Some models incorporate a single, PP plastic exhalation valve, see details on models denoted by letter V. FFP1 models comprise of the exact same filter media material build up as FFP2 models.

FFP Class **FFP1** (without clogging option D)

Models: E-301
E-301V (mask with exhalation valve fitted)

FFP Class **FFP2** (without clogging option D)
Models: E-300
E-300V (mask with exhalation valve fitted)

First Issued: 2019-09-10
Latest Issue: 2019-10-24

Effective Date: 2019-10-24
Expiry Date: 2024-09-10

EU Type Examination Certificate

No. CE 709415

Product Specification – Flat Fold Particulate Half Masks

Technical specification: EN 149:2001+A1:2009 Respiratory protective devices – Filtering half masks to protect against particles
Classification – Single shift NR

Description: The particulate respirators are designed to protect against solid and non-volatile liquid particles. Half masks are vertical flat fold design, comprising of aluminium nose bridge, a sponge nose pad and are held on the face by a pair of elastic headbands.
All models are single shift devices (denoted by the classification symbol NR).
Some models incorporate a single, PP plastic exhalation valve, see details on models denoted by letter V. FFP1 models comprise of the exact same filter media material build up as FFP2 models.

FFP Class **FFP1** (without clogging option D)

Models: E-681
E-681V (mask with exhalation valve fitted)

FFP Class **FFP2** (without clogging option D)
Models: E-680
E-680V (mask with exhalation valve fitted)

First Issued: 2019-09-10
Latest Issue: 2019-10-24

Effective Date: 2019-10-24
Expiry Date: 2024-09-10

EU Type Examination Certificate

No. CE 709415

Product Specification – Flat Fold Particulate Half Masks

Technical specification: EN 149:2001+A1:2009 Respiratory protective devices – Filtering half masks to protect against particles
Classification – Single shift NR

Description: The particulate respirators are designed to protect against solid and non-volatile liquid particles. Half masks are vertical flat fold design, comprising of polypropylene nose bridge, a sponge nose pad and are held on the face by a pair of polyester elastic headbands. Some models incorporate a single, silicone exhalation valve, see details on models denoted by letter V.

FFP1 models comprise of the exact same filter media build up as FFP2 models. FFP3 filter media make up is different to those of FFP1/FFP2.

All models are single shift devices (denoted by the classification symbol NR) and have the Dolomite Clogging option (denoted by the classification symbol D). Model can also be supplied without the clogging option D.

FFP Class **FFP1** (without clogging option D) **or FFP1D** (with clogging option D)

Models:
951
951V (mask with exhalation valve)
951C (mask with activated charcoal)
951VC (mask with exhalation valve and activated charcoal)

FFP Class **FFP2** (without clogging option D) **or FFP2D** (with clogging option D)

Models:
952
952V (mask with exhalation valve fitted)
952C (mask with activated charcoal)
952VC (mask with exhalation valve and activated charcoal)

FFP Class **FFP3** (without clogging option D) **or FFP3D** (with clogging option D)

Models:
992V (mask with exhalation valve fitted)
992VC (mask with exhalation valve and activated charcoal)

First Issued: 2019-09-10
Latest Issue: 2019-10-24

Effective Date: 2019-10-24
Expiry Date: 2024-09-10

EU Type Examination Certificate

No. CE 709415

Certificate Administration Details

Technical File Reference: Guangzhou Weini Technology Development CO., LTD Technical Files – PPE Regulation (EU) 2016/425.

Certificate Administration Record and BSI internal Technical File Review reference

Issue date	Comments	BSI internal Project Ref.
September 2019	First issue of product range to PPE Regulation (EU) 2016/425.	0086:19:9752772

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.

The validity of the Certificate for the products is also dependent on the maintenance of the EU Conformity to Type Based on Quality Assurance of the Production Process, Annex VIII (Module D), as referenced on BSI issued Certificate CE 709480.

First Issued: 2019-09-10
Latest Issue: 2019-10-24

Effective Date: 2019-10-24
Expiry Date: 2024-09-10

ISO14001

中鉴认证有限责任公司

环境管理体系认证证书

NO：0070018E51491R0S

兹 证 明

广州市威尼科技发展有限公司

广东省广州市白云区人和镇西成工业区兴业路2号

统一社会信用代码：91440101731571990S

建立的环境管理体系符合标准：

GB/T 24001-2016 / ISO14001:2015

通过认证范围如下：

防尘口罩的设计、生产和销售及相关管理活动

（本证书范围仅包括证书所列场所。若覆盖范围涉及行政许可前置审批、强制性认证的，仅颁发许可资质、强制性认证证书范围内的产品及服务）

颁证日期：2018年8月2日

本证书有效期自2018年8月2日始至2021年8月1日

获证组织必须定期接受监督审核并经审核合格此证书方继续有效

第一次监督合格标志（贴花）	第二次监督合格标志（贴花）	第三次监督合格标志（贴花）

公司代表（签名）

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT

CNAS 中国认可 国际互认 管理体系 MANAGEMENT SYSTEM CNAS C007-M

本证书信息可在国家认证认可监督管理委员会官方网站（www.cnca.gov.cn）上查询

证书时效及适用性可向认证机构查询：网址：www.grcc.org.cn 或致电：020-66390902

中国广东省广州市广州大道中227号华景大厦4楼（510600）中鉴认证有限责任公司

ISO14001

Zhongjian Certification Co., Ltd.

ENVIRONMENTAL MANAGEMENT SYSTEM CERTIFICATE

No: 0070018E51491R0S

This is to certify that the Environmental Management system of

WEINI TECHNOLOGY DEVELOPMENT CO., LTD.

NO.2, XINGYE ROAD, XICHENG INDUSTRIAL ZONE, RENHE TOWN, BAIYUN DISTRICT, GUANGZHOU CITY, GUANGDONG PROVINCE

Organization Code: 91440101731571990S

By reason of its

Environmental Management System

Has been awarded this certificate for compliance with the standard

GB/T 24001-2016 / ISO14001:2015

The Environmental Management System applies in the following area:

THE RELATIVE MANAGEMENT ACTIVITIES OF DESIGN, PRODUCTION AND SALE OF DUST MASK

(This certificate only covers the sites listed. If the covered scope involves pre-approval of administration permit or compulsory certification requirement,the scope only covers products and services within the permit license or compulsory certification scope)

Date of issue: 2018-8-2

Term of validity of this certificate:from 2018-8-2 to 2021-8-1 inclusive

This certificate remains valid only if the certified organization accepts and passes regular surveillance audits.

Approval of the first surveillance audit	Approval of the second surveillance audit	Approval of the third surveillance audit
Zhongjian Certification Co.,Ltd.	Zhongjian Certification Co.,Ltd.	Zhongjian Certification Co.,Ltd.

Representative of The Company

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT

CNAS 中国认可 国际互认 管理体系 MANAGEMENT SYSTEM CNAS C007-M

The validity of this certificate could be confirmed via official Website Of CNCA (www.cnca.gov.cn)

Further to the certificate applicability, please enquire the certified organization: visit www.grcc.org.cn or contact GZCC 020-66390902

3/F, Huajing Building, Guangzhou Dadaozhong, Guangzhou City, Guangdong Province, China (510600) Zhongjian Certification Co., Ltd.

OHSMS18001

中鉴认证有限责任公司

职业健康安全管理体系认证证书

NO：0070018S11196R0S

兹 证 明

广州市威尼科技发展有限公司

广东省广州市白云区人和镇西成工业区兴业路2号

统一社会信用代码：914401017315719905

建立的职业健康安全管理体系符合

职业健康安全管理体系—要求

(GB/T 28001-2011 / OHSAS 18001:2007 标准)

通过的认证范围如下：

防尘口罩的设计、生产和销售及相关管理活动

（本证书范围仅包括证书所列场所。若覆盖范围涉及行政许可前置审批，强制性认证的，仅涵盖许可资质、强制性认证证书范围内的产品及服务）

颁证日期：2018年8月2日

本证书有效期自2018年8月2日始至2021年3月11日

获证组织必须定期接受监督审核并经审核合格此证书方继续有效

第一次监督合格标志（贴花）	第二次监督合格标志（贴花）	第三次监督合格标志（贴花）

CNAS 中国认可 管理体系 MANAGEMENT SYSTEM CNAS C007-M

公司代表（签名）

本证书信息可在国家认证认可监督管理委员会官方网站（www.cnca.gov.cn）上查询证书时效及适用性可向认证机构查询：网址：www.gzcc.org.cn 或致电：020-66390902。

中国广东省广州市广州大道中227号华景大厦4楼(510600)，中鉴认证有限责任公司

OHSMS18001

Zhongjian Certification Co., Ltd.

CERTIFICATE OF CONFORMITY OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM

No: 0070018S11196R0S

This is to certify that the Occupational Health and Safety Management system of

WEINI TECHNOLOGY DEVELOPMENT CO., LTD.

NO.2, XINGYE ROAD, XICHENG INDUSTRIAL ZONE, RENHE TOWN, BAIYUN DISTRICT, GUANGZHOU CITY, GUANGDONG PROVINCE

Organization Code: 914401017315719905

by reason of its

Occupational Health and Safety Management System

Has been awarded this certificate for compliance with the standard

AUDIT SPECIFICATION OF OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEM

(GB/T 28001-2011 / OHSAS 18001:2007 STANDARD)

The Occupational Health and Safety Management System applies in the following area:

THE RELATIVE MANAGEMENT ACTIVITIES OF DESIGN, PRODUCTION AND SALE OF DUST MASK

(This certificate only covers the sites listed. If the covered scope involves pre-approval of administration permit or compulsory certification requirement,the scope only covers products and services within the permit license or compulsory certification scope)

Date of issue: 2018-8-2

Term of validity of this certificate:from 2018-8-2 to 2021-3-11 inclusive

This certificate remains valid only if the certified organization accepts and passes regular surveillance audits.

Approval of the first surveillance audit Zhongjian Certification Co.,Ltd.	Approval of the second surveillance audit Zhongjian Certification Co.,Ltd.	Approval of the third surveillance audit Zhongjian Certification Co.,Ltd.

CNAS 中国认可 管理体系 MANAGEMENT SYSTEM CNAS C007-M

Representative of The Company

The validity of this certificate could be confirmed via official Website Of CNCA (www.cnca.gov.cn)

Further to the certificate applicability, please enquire the certified organization: visit www.gzcc.org.cn or contact GZCC 020-66390902

No.227 Huajing Building, Guangzhou Dadaozhong, Guangzhou City, Guangdong Province, China (510600) Zhongjian Certification Co.,Ltd.

ISO9001

中鉴认证有限责任公司

质量管理体系认证证书

NO：0070018Q52727R0S

兹 证 明

广州市威尼科技发展有限公司

广东省广州市白云区人和镇西成工业区兴业路2号

统一社会信用代码：914401017315719905

质量管理体系符合

GB/T 19001-2016 / ISO9001:2015 标准

该质量管理体系适合

防尘口罩的设计、生产和销售

（本证书范围仅包括证书所列场所，若覆盖范围涉及行政许可前置审批、强制性认证的，仅涵盖许可资质、强制性认证证书范围内的产品及服务）

颁证日期：2018年8月2日

本证书有效期自2018年8月2日始至2021年8月1日

获证组织必须定期接受监督审核并经审核合格此证书方继续有效

第一次监督合格标志（贴花）	第二次监督合格标志（贴花）	第三次监督合格标志（贴花）

公司代表（签名）

IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT

CNAS 中国认可 国际互认 管理体系 MANAGEMENT SYSTEM CNAS C007-M

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ISO9001

Zhongjian Certification Co., Ltd.

CERTIFICATE OF CONFORMITY OF QUALITY MANAGEMENT SYSTEM CERTIFICATION

No: 0070018Q52727R0S

This is to certify that the quality system of

WEINI TECHNOLOGY DEVELOPMENT CO., LTD.

NO.2, XINGYE ROAD, XICHENG INDUSTRIAL ZONE, RENHE TOWN, BAIYUN DISTRICT, GUANGZHOU CITY, GUANGDONG PROVINCE

Organization Code: 914401017315719905

is in conformity with

GB/T 19001-2016 / ISO9001:2015 Standard

This system is valid for the

DESIGN, PRODUCTION AND SALE OF DUST MASK

(This certificate only covers the sites listed. If the covered scope involves pre-approval of administration permit or compulsory certification requirement,the scope only covers products and services within the permit license or compulsory certification scope.)

Date of issue: 2018-8-2

Term of validity of this certificate:from 2018-8-2 to 2021-8-1 inclusive

This certificate remains valid only if the certified organization accepts and passes regular surveillance audits.

Approval of the first surveillance audit	Approval of the second surveillance audit	Approval of the third surveillance audit
Zhongjian Certification Co.,Ltd.	Zhongjian Certification Co.,Ltd.	Zhongjian Certification Co.,Ltd.

Representative of The Company

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The validity of this certificate could be confirmed via official Website Of CNCA (www.cnca.gov.cn).

Further to the certificate applicability, please enquire the certified organization; visit www.gzcc.org.cn or contact GZCC 020-66390902.

6/F, Huajing Building, Guangzhou Dadaozhong, Guangzhou City, Guangdong Province, China (510600) Zhongjian Certification Co., Ltd.

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CE TYPE EXAMINATION REPORT

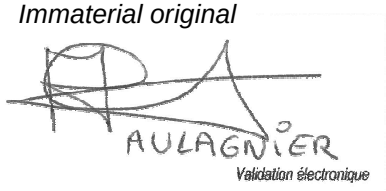
PPE DIRECTIVE 89/686/EEC – Article 10

Respiratory protective device

Report n°	**17.7.0020**
Technical referential	**EN 149:2001 + A1:2009**
Type of device	**PPE category III** **Filtering half mask to protect against particles**
Classes	**1) FFP2 NR** **2) FFP2 NR D**
Trade mark	**1) WEINI**
Models	**1) FFP2 NR 952 series** **2) FFP2 NR D 952 series**
References	**1) FFP2 NR 952** **2) FFP2 NR 952V** **3) FFP2 NR 952C** **4) FFP2 NR 952VC** **5) FFP2 NR D 952** **6) FFP2 NR D 952V** **7) FFP2 NR D 952C** **8) FFP2 NR D 952VC**

Fontaine, the 29/09/2017
Report sent for the attention of NINA Wang to the email address sales3@weini.cn
This report includes 22 pages

The PPE technical manager
Immaterial original



Summary

1.Introduction - Description of the service

This report concerns PPE category III – Filtering half mask to protect against particles as defined in EN 149:2001 + A1:2009.

Its purpose is to assess the conformity of the PPE with the European Directive 89/686/EEC of 21 December 1989 "Personal Protective Equipment" transposed into French labour code, with a view to be placed on the European market exclusively.

The examination was conducted in accordance with purchase order on 19/12/2016 placed by WEINI TECHNOLOGY DEVELOPMENT CO., LTD.

Company: WEINI TECHNOLOGY DEVELOPMENT CO., LTD – No2 Xingye Road – Xicheng Industrial Zone – Renhe Town – Baiyun District – GUANGZHOU 510470 – China

2.Use of the report

This report only concerns the equipment identified in clause 3 and described in clause 6.

Only an integral reproduction of this report is authorized.

The manufacturer, or his representative, commits himself not to use this report for equipment that is not strictly identical to the equipment covered by this report.

3.Economical operator(s)

WEINI TECHNOLOGY DEVELOPMENT CO., LTD – No2 Xingye Road – Xicheng Industrial Zone – Renhe Town – Baiyun District – GUANGZHOU 510470 – China

4.Identification of the equipment

Class: FFP2 NR
Trade mark: WEINI
Model: FFP2 NR 952 series
Reference: FFP2 NR 952
A CE type examination certificate is awarded for this equipment.

Class: FFP2 NR
Model: FFP2 NR 952 series
Reference: FFP2 NR 952V
A CE type examination certificate is awarded for this equipment.

Class: FFP2 NR
Model: FFP2 NR 952 series
Reference: FFP2 NR 952C
A CE type examination certificate is awarded for this equipment.

Class: FFP2 NR
Model: FFP2 NR 952 series
Reference: FFP2 NR 952VC
A CE type examination certificate is awarded for this equipment.

Class: FFP2 NR D
Model: FFP2 NR D 952 series
Reference: FFP2 NR D 952
A CE type examination certificate is awarded for this equipment.

Class: FFP2 NR D
Model: FFP2 NR D 952 series
Reference: FFP2 NR D 952V
A CE type examination certificate is awarded for this equipment.

Class: FFP2 NR D
Model: FFP2 NR D 952 series
Reference: FFP2 NR D 952C
A CE type examination certificate is awarded for this equipment.

Class: FFP2 NR D
Model: FFP2 NR D 952 series
Reference: FFP2 NR D 952VC
A CE type examination certificate is awarded for this equipment.

Class: FFP1 NR
Model: FFP1 NR 951 series
Reference: FFP1 NR 951
A CE type examination certificate is awarded for this equipment.

Class: FFP1 NR
Model: FFP1 NR 951 series
Reference: FFP1 NR 951V
A CE type examination certificate is awarded for this equipment.

Class: FFP1 NR
Model: FFP1 NR 951 series
Reference: FFP1 NR 951C
A CE type examination certificate is awarded for this equipment.

Class: FFP1 NR
Model: FFP1 NR 951 series
Reference: FFP1 NR 951VC
A CE type examination certificate is awarded for this equipment.

Class: FFP1 NR D
Model: FFP1 NR D 951 series
Reference: FFP1 NR D 951
A CE type examination certificate is awarded for this equipment.

Class: FFP1 NR D
Model: FFP1 NR D 951 series
Reference: FFP1 NR D 951V
A CE type examination certificate is awarded for this equipment.

Class: FFP1 NR D
Model: FFP1 NR D 951 series
Reference: FFP1 NR D 951C
A CE type examination certificate is awarded for this equipment.

Class: FFP1 NR D

Model: FFP1 NR D 951 series

Reference: FFP1 NR D 951VC

A CE type examination certificate is awarded for this equipment.

5.Conditions for use of the equipment

This filtering half mask is intended to be used as respiratory protective devices to protect against particles except for escape purposes.

6.Reference specification

The assessment of conformity with Directive 89/686/EEC of 21 December 1989 "Personal Protective Equipment" was conducted taking into account the provisions of European standard EN 149:2001 + A1:2009 "Respiratory protective device – Filtering half mask to protect against particles".

7.Description of the equipment

7.1.Drawings

Description

FFP2 NR 952
Filtering half mask to protect against particles class FFP2 NR for single use without exhalation valve. The half mask is equipped with polypropylene nose slide, a sponge nose pad and two polyester self-adjusting elastic head harnesses. The filtering media is composed with one electrostatic cotton and PP layer (outer), one polypropylene and silicon layer, one melt blown layer and one PP nonwoven fabric layer (inner).

FFP2 NR 952V
Filtering half mask to protect against particles class FFP2 NR for single use with polypropylene and silicon exhalation valve. The half mask is equipped with polypropylene nose slide, a sponge nose pad and two polyester self-adjusting elastic head harnesses. The filtering media is composed with one electrostatic cotton and PP layer (outer), one polypropylene and silicon layer, one melt blown layer and one PP nonwoven fabric layer (inner)

FFP2 NR 952C
Filtering half mask to protect against particles class FFP2 NR for single use without exhalation valve. The half mask is equipped with polypropylene nose slide, a sponge nose pad and two polyester self-adjusting elastic head harnesses. The filtering media is composed with one electrostatic cotton and PP layer (outer), one carbon layer, one polypropylene and silicon layer, one melt blown layer and one PP nonwoven fabric layer (inner)

FFP2 NR 952VC
Filtering half mask to protect against particles class FFP2 NR for single use with polypropylene and silicon exhalation valve. The half mask is equipped with polypropylene nose slide, a sponge nose pad and two polyester self-adjusting elastic head harnesses. The filtering media is composed with one electrostatic cotton and PP layer (outer), one carbon layer, one polypropylene and silicon layer, one melt blown layer and one PP nonwoven fabric layer (inner)

FFP2 NR D 952
Filtering half mask to protect against particles class FFP2 NR D for single use without exhalation valve. The half mask is equipped with polypropylene nose slide, a sponge nose pad and two polyester self-adjusting elastic head harnesses. The filtering media is composed with one electrostaric cotton and PP layer (outer), one polypropylene and silicon layer, one melt blown layer and one PP nonwoven fabric layer (inner)

FFP2 NR D 952V
Filtering half mask to protect against particles class FFP2 NR D for single use with polypropylene and silicon exhalation valve. The half mask is equipped with polypropylene nose slide, a sponge nose pad and two polyester self-adjusting elastic head harnesses. The filtering media is composed with one electrostatic cotton and PP layer (outer), one polypropylene and silicon layer, one melt blown layer and one PP nonwoven fabric layer (inner)

FFP2 NR D 952C
Filtering half mask to protect against particles class FFP2 NR D for single use without exhalation valve. The half mask is equipped with polypropylene nose slide, a sponge nose pad and two polyester self-adjusting elastic head harnesses. The filtering media is composed with one electrostatic cotton and PP layer (outer), one carbon layer, one polypropylene and silicon layer, one melt blown layer and one PP nonwoven fabric layer (inner)

FFP2 NR D 952VC
Filtering half mask to protect against particles class FFP2 NR D for single use with polypropylene and silicon exhalation valve. The half mask is equipped with polypropylene nose slide, a sponge nose pad and two polyester self-adjusting elastic head harnesses. The filtering media is composed with one electrostatic cotton and PP layer (outer), one carbon layer, one polypropylene and silicon layer, one melt blown layer and one PP nonwoven fabric layer (inner)

FFP1 NR 951
Filtering half mask to protect against particles class FFP1 NR for single use without exhalation valve. The half mask is equipped with polypropylene nose slide, a sponge nose pad and two polyester self-adjusting elastic head harnesses. The filtering media is composed with one electrostatic cotton and PP layer (outer), one polypropylene and silicon layer, one melt blown layer and one PP nonwoven fabric layer (inner)

FFP1 NR 951V
Filtering half mask to protect against particles class FFP1 NR for single use with polypropylene and silicon exhalation valve. The half mask is equipped with polypropylene nose slide, a sponge nose pad and two polyester self-adjusting elastic head harnesses. The filtering media is composed with one electrostatic cotton and PP layer (outer), one polypropylene and silicon layer, one melt blown layer and one PP nonwoven fabric layer (inner),

FFP1 NR 951C
Filtering half mask to protect against particles class FFP1 NR for single use without exhalation valve. The half mask is equipped with polypropylene nose slide, a sponge nose pad and two polyester self-adjusting elastic head harnesses. The filtering media is composed with one electrostatic cotton and PP layer (outer), one carbon layer, one polypropylene and silicon layer, one melt blown layer and one PP nonwoven fabric layer (inner)

FFP1 NR 951VC
Filtering half mask to protect against particles class FFP1 NR for single use with polypropylene and silicon exhalation valve. The half mask is equipped with polypropylene nose slide, a sponge nose pad and two polyester self-adjusting elastic head harnesses. The filtering media is composed with one electrostatic cotton and PP layer (outer), one carbon layer, one polypropylene and silicon layer, one melt blown layer and one PP nonwoven fabric layer (inner)

FFP1 NR D 951
Filtering half mask to protect against particles class FFP1 NR D for single use without exhalation valve. The half mask is equipped with polypropylene nose slide, a sponge nose pad and two polyester self-adjusting elastic head harnesses. The filtering media is composed with one electrostatic cotton and PP layer (outer), one polypropylene and silicon layer, one melt blown layer and one PP nonwoven fabric layer (inner)

FFP1 NR D 951V
Filtering half mask to protect against particles class FFP1 NR D for single use with polypropylene and silicon exhalation valve. The half mask is equipped with polypropylene nose slide, a sponge nose pad and two polyester self-adjusting elastic head harnesses. The filtering media is composed with one electrostatic cotton and PP layer (outer), one polypropylene and silicon layer, one melt blown layer and one PP nonwoven fabric layer (inner)

FFP1 NR D 951C
Filtering half mask to protect against particles class FFP1 NR D for single use without exhalation valve. The half mask is equipped with polypropylene nose slide, a sponge nose pad and two polyester self-adjusting elastic head harnesses. The filtering media is composed with one electrostatic cotton and PP layer (outer), one carbon layer, one polypropylene and silicon layer, one melt blown layer and one PP nonwoven fabric layer (inner)

FFP1 NR D 951VC
Filtering half mask to protect against particles class FFP1 NR D for single use with polypropylene and silicon exhalation valve. The half mask is equipped with polypropylene nose slide, a sponge nose pad and two polyester self-adjusting elastic head harnesses. The filtering media is composed with one electrostatic cotton and PP layer (outer), one carbon layer, one polypropylene and silicon layer, one melt blown layer and one PP nonwoven fabric layer (inner)

7.2.Description of components

Detailed description of the equipment identified in paragraph 4 in the manufacturing technical file reference WN01709 dated on 11/09/2017, received on 13/09/2017, update on 29/09/2017 and edited by WEINI TECHNOLOGY DEVELOPMENT CO., LTD.

7.3.CE Marking

× Notified body in charge of manufactured PPE category III control (article 11):

INSPEC - England

× CE mark: **CE 0194**

× Graphic of letters C and E: **Conform**

× Height of mark: **5mm**

× Marking clear and permanent: **Conform**

× Location of the marking: **Printed on the filter**

8.Correlation between the articles of Directive 89/686/EEC and the reference standard

The following table shows the correlation between the essential requirements of Directive 89/686/CEE of 21 December 1989 "Personal Protective Equipment" and the articles of the European standard EN 149:2001 + A1:2009 "Respiratory protective device – Filtering half mask to protect against particles".

Directive 89/686/EEC Annex II	**Clauses of the standard**
1.1.1	5 ; 7.8 ; 7.9
1.1.2.1	5 ; 7.8 ; 7.9
1.1.2.2	7.8 ; 7.9
1.2.1	7.6
1.2.1.1	7.6 ; 7.7 ; 7.10 ; 7.11
1.2.1.2	7.8
1.2.1.3	7.8 ; 7.13
1.3.1	7.8 ; 7.13
1.3.2	7.8 ; 7.13 ; 7.15.2
1.4	10
2.1	7.13
2.3	7.14
2.4	9 ; 10
2.6	10
2.8	10
2.9	7.13 ; 7.18
2.12	9
3.10.1	7.6 ; 7.7 ; 7.8 ; 7.9 ; 7.12 ; 7.16 ; 7.17 ; 9 ; 10

WARNING: Other requirements and other EU Directives maybe applicable to the products falling within the scope of this European Standard.

9.Examination report

9.1.Requirements

Article of the standard EN 149+A1	Content	Conformity*			Comments
		Yes	No	N-A	
Art. 7	**Requirements**				
Art 7.1	**Visual inspection** The visual inspection shall also include the marking and the information supplied by the manufacturer	✓			
Art 7.4	**Packaging** Particle filtering half masks shall be offered for sale packaged in such a way that they are protected against mechanical damage and contamination before use.	✓			
Art 7.5	**Material** Materials used shall be suitable to withstand handling and wear over the period for which the particle filtering half mask is designed to be used. After undergoing the simulated wearing treatment none of the particle filtering half masks shall have suffered mechanical failure of the facepiece or straps. Three particle filtering half masks shall be tested. When conditioned, the particle filtering half mask shall not collapse. Any material from the filter media released by the air flow through the filter shall not constitute a hazard or nuisance for the wearer.	✓			Date of test: 17/02/2017
Art 7.6	**Cleaning and disinfecting** If the particle filtering half mask is designed to be re-Usable, the materials used shall withstand the cleaning and disinfecting agents and procedures to be specified by the manufacturer." After cleaning and disinfecting the re-usable particle filtering half mask shall satisfy the penetration requirement of the relevant class.			✓	

Article of the standard EN 149+A1	Content	Conformity*			Comments
		Yes	No	N-A	
Art 7.7	**Practical performance** The particle filtering half mask shall undergo practical performance tests under realistic conditions. These general tests serve the purpose of checking the equipment for imperfections that cannot be determined by the tests described elsewhere in this standard. Where practical performance tests show the apparatus has imperfections related to wearer's acceptance, the test houses hall provide full details of those parts of the practical performance tests which revealed these imperfections.	✓			Date of test: 23/03/2017 any imperfections determined
	Here are the comments of the test subjects:				
	a) head harness comfort	✓			No comment
	b) security of fastenings	✓			No comment
	c) field of vision	✓			No comment
	d) any other comments reported by the wearer on request	✓			No comment
Art 7.8	**Finish of parts** Parts of the device likely to come into contact with the wearer shall have no sharp edges or burrs	✓			

Article of the standard EN 149+A1	Content	Conformity* Yes	No	N-A	Comments
Art 7.9 Art 7.9.1	**Leakage** **Total inward leakage** The laboratory tests shall indicate that the particle filtering half mask can be used by the wearer to protect with high probability against the potential hazard to be expected. The total inward leakage consists of three components: face seal leakage, exhalation valve leakage(if exhalation valve fitted) and filter penetration. For particle filtering half masks fitted in accordance with the manufacturer's information, at least 46 out of the 50 individual exercise results (i.e.10 subjects x 5 exercises) for total inward leakage shall be not greater than 11 % for FFP2 and, in addition, at least 8 out of the 10 individual wearer arithmetic means for the total inward leakage shall be not greater than 8 % for FFP2	✓ ✓			Date of test: 01/06/2017 Without valve : 49 results ≤ 11% 10 averages ≤ 8% With valve : 49 results ≤ 11% 10 averages ≤ 8%

	Half mask without valve									
Conditioning	AR					TC				
Half mask tested	Simple	Carbon	Simple	Carbon	Simple	Carbon	Simple	Carbon	Simple	Carbon
Test subject reference	1	2	3	4	5	6	7	8	9	10
Walk	2,3	2,2	2,6	1,8	0,2	4,3	4,3	1,0	1,5	2,2
Left-Right	0,9	4,1	2,5	3,3	0,7	8,6	8,6	1,2	2,1	4,0
Up-Down	0,8	6,3	4,8	2,1	0,8	8,1	8,1	1,4	2,6	4,2
Alphabet	1,2	3,7	6,9	2,8	0,5	4,7	4,7	2,6	4,9	7,0
Walk	0,7	7,7	2,9	9,4	0,6	5,4	5,4	1,1	4,8	12,8
average	**1,2**	**4,8**	**3,9**	**3,9**	**0,5**	**6,2**	**6,2**	**1,5**	**3,2**	**6,1**

* Total inward leakage values in %

	Half mask with valve									
Conditioning	AR					TC				
Half mask tested	Valve Carbon	Valve	Valve Carbon	Valve	Valve Carbon	Valve	Valve Carbon	Valve	Valve Carbon	Valve
Test subject reference	11	12	13	14	15	16	17	18	19	20
Walk	1,5	2,0	3,9	4,2	5,3	0,7	0,8	3,5	2,3	3,0
Left-Right	2,0	3,2	9,9	4,6	5,5	1,4	1,2	3,1	2,8	3,4
Up-Down	3,1	3,7	12,2	4,5	5,4	6,1	1,2	2,9	4,9	4,5
Alphabet	3,9	4,0	4,3	2,6	8,3	7,3	1,7	2,6	7,8	4,3
Walk	1,8	2,8	7,1	2,5	5,6	3,9	0,9	2,8	5,0	4,6
average	**2,5**	**3,2**	**7,5**	**3,7**	**6,0**	**3,9**	**1,2**	**3,0**	**4,6**	**4,0**

* Total inward leakage values in %

Article of the standard EN 149+A1	Content	Conformity* Yes	No	N-A	Comments
Art 7.9.2	**Penetration of filter material** The penetration of the filter of the particle filtering half mask shall meet the requirements of Table1.	✓			Date of test: 28/03/2017

Tableau 1 – Penetration of filter material

Classification	Maximum penetration of test aerosol: Sodium chloride test 95 l/min % max.	Paraffin oil test 95 l/min % max.
FFP1	20	20
FFP2	6	6
FFP3	1	1

Paraffin oil penetration of filter material tests results (%)

Conditioning	AR			SWT		
Half mask tested	Simple	Simple	Carbon	Carbon	Carbon	Simple
Penetration (3min)	3,99	2,94	3,34	4,78	3,93	4,01
Half mask tested	Valve Carbon	Valve Carbon	Valve	Valve	Valve	Valve Carbon
Penetration (3min)	3,99	3,81	3,40	2,90	3,36	3,58

Conditioning	MS+TC											
Half mask tested	Simple	Simple	Simple	Carbon	Carbon	Carbon	Valve Carbon	Valve Carbon	Valve Carbon	Valve	Valve	Valve
Exposure (120mg)	3,81	4,56	4,17	4,52	4,08	4,34	5,30	5,09	5,44	5,14	4,81	4,44

Sodium chloride penetration of filter material tests results (%)

Conditioning	AR			SWT		
Half mask tested	Simple	Carbon	Carbon	Simple	Simple	Carbon
Penetration (3min)	1,52	1,60	2,10	1,75	1,57	1,83
Half mask tested	Valve Carbon	Valve	Valve	Valve Carbon	Valve Carbon	Valve
Penetration (3min)	1,02	1,60	1,20	0,99	1,65	1,48

Conditioning	MS+TC											
Half mask tested	Simple	Simple	Simple	Carbon	Carbon	Carbon	Valve Carbon	Valve Carbon	Valve Carbon	Valve	Valve	Valve
Exposure (120mg)	1,00	1,40	1,23	1,33	1,28	0,77	1,17	1,70	1,02	1,00	1,11	1,31

As Received (AR), Simulated Wearing Treatment (SWT), Mechanical Strength (MS), Temperature Conditioning (TC), Cleaning and disinfecting cycle (CLEAN)

Article of the standard EN 149+A1	Content	Conformity* Yes	No	N-A	Comments
Art 7.10	**Compatibility with skin** Materials that may come into contact with the wearer's skin shall not be known to be likely to cause irritation or any other adverse effect to health.	✓			Manufacturer statement
Art 7.11	**Flammability** The material used shall not present a danger for the wearer and shall not be of highly flammable nature. When tested, the particle filtering half mask shall not burn or not to continue to burn for more than 5 s after removal from the flame. The particle filtering half mask does not have to be usable after the test.	✓			Date of test: 24/02/2017 The mask doesn't burn 5s after removal from the flame
Art 7.12	**Carbon dioxide content of the inhalation air** The carbon dioxide content of the inhalation air (dead space) shall not exceed an average of 1,0 %(by volume)	✓			Date of test: 23/02/2017 CO_2 (%) Simple: 0,34 Simple Valve: 0,41 Carbon Valve: 0,34 Carbon Valve: 0,41 Carbon Valve: 0,44
Art 7.13	**Head harness** The head harness shall be designed so that the particle filtering half mask can be donned and removed easily. The head harness shall be adjustable or self-adjusting and shall be sufficiently robust to hold the particle filtering half mask firmly in position and be capable of maintaining total inward leakage requirements for the device.	✓			
Art 7.14	**Field of vision** The field of vision is acceptable if determined so in practical performance tests	✓			See Art 7.7
Art 7.15	**Exhalation valve(s)** A particle filtering half mask may have one or more exhalation valve(s), which shall function correctly in all orientations	✓			
	If an exhalation valve is provided it shall be protected against or be resistant to dirt and mechanical damage and may be shrouded or may include any other device that may be necessary for the particle filtering half mask to comply with 7.9.	✓			
	Exhalation valve(s), if fitted, shall continue to operate correctly after a continuous exhalation flow of 300 l/min over a period of 30 s.	✓			Date of test: 24/02/2017
	When the exhalation valve housing is attached to the face blank, it shall withstand axially a tensile force of 10 N applied for 10s.	✓			Date of test: 24/02/2017

Article of the standard EN 149+A1	Content	Conformity*			Comments
		Yes	No	N-A	
Art 7.16	**Breathing resistance** The breathing resistances apply to valved and valveless particle filtering half masks and shall meet the requirements of Table 2.	✓			Date of test: 24/02/2017

Tableau 2 – Breathing resistance

Classification	Maximum permitted resistance (mbar)		
	inhalation		inhalation
	30 l/min	95 l/min	160 l/min
FFP1	0.6	2.1	3.0
FFP2	0.7	2.4	3.0
FFP3	1	3	3.0

Breathing resistance tests results

Half mask without valve												
Conditioning	AR			SWT			TC					
Half mask tested	Simple	Carbon	Carbon	Simple	Simple	Carbon	Simple	Simple	Simple	Carbon	Carbon	Carbon
at 30l/min	0,30	0,33	0,29	0,34	0,31	0,31	0,34	0,34	0,33	0,33	0,29	0,32
at 95l/min	0,91	0,99	0,93	0,92	0,90	0,91	0,91	0,89	0,95	0,90	0,91	0,96
at 160l/min	1,19	1,20	1,19	1,19	1,05	1,16	1,12	1,15	1,18	1,16	1,14	1,12

Values in mbar

Half mask with valve												
Conditioning	AR			SWT			TC					
Half mask tested	Valve Carbon	Valve	Valve	Valve Carbon	Valve Carbon	Valve	Valve Carbon	Valve Carbon	Valve Carbon	Valve	Valve	Valve
at 30l/min	0,35	0,35	0,34	0,33	0,33	0,31	0,35	0,38	0,38	0,27	0,25	0,27
at 95l/min	0,99	1,03	1,03	1,00	0,98	0,94	1,08	1,10	1,14	1,04	0,92	0,84
at 160l/min	0,97	0,90	0,92	1,01	0,90	0,85	1,03	1,19	1,04	1,03	0,92	0,91

Values in mbar

Conditioning	300l/min during 30s Art 7.15		
Half mask tested	Valve	Valve	Valve Carbon
at 30l/min	0,41	0,42	0,47
at 95l/min	1,10	1,09	1,22
at 160l/min	0,92	0,72	0,82

Article of the standard EN 149+A1	Content	Conformity*			Comments
		Yes	No	N-A	
Art 7.17	**Clogging**				Date of test: 28/03/2017
Art 7.17.1	**General**				
	For single shift use devices, the clogging test is an optional test. For re-usable devices the test is mandatory. Devices designed to be resistant to clogging, shown by a slow increase of breathing resistance when loaded with dust, shall be subjected to the treatment described in 8.10. The specified breathing resistance shall not be exceeded before the required dust load of 833 mg.h/m3 is reached	✓			
Art 7.17.2	**Breathing resistance**				
Art 7.17.2.1	**Valved particle filtering half masks** After clogging the inhalation resistances shall not exceed : — FFP1 : 4 mbar ; — FFP2 : 5 mbar ; — FFP3 : 7 mbar ; at 95 l/min continuous flow The exhalation resistance shall not exceed 3 mbar at 160 l/min continuous flow	✓			After clogging test, inhalation resistances don't exceed 5mbar
Art 7.17.2.2	**Valveless particle filtering half masks** After clogging the inhalation and exhalation resistances shall not exceed : — FFP1 : 3 mbar — FFP2 : 4 mbar — FFP3 : 5 mbar ; at 95 l/min continuous flow	✓			After clogging test, inhalation and exhalation resistances don't exceed 4mbar
Art 7.17.3	**Filter penetration** All types (valved and valveless) of particle filtering half masks claimed to meet the clogging requirement shall also meet the requirements given in 7.9.2, for the Penetration test according to EN 13274-7, after the clogging treatment.	✓			After clogging test, solid and liquid particles penetration don't exceed 5,41%
Art 7.18	**Demountable parts** All demountable parts (if fitted) shall be readily connected and secured, where possible by hand.	✓			

* The measurement uncertainties are not taken into account for the assessment of conformity.

Article of the standard EN 149+A1	Content	Conformity			Comments
		Yes	No	N-A	
Art. 9	**Marking**				
Art 9.1	**Packaging** The following information shall be clearly and durably marked on the smallest commercially available packaging or legible through it if the packaging is transparent				
Art 9.1.1	The name, trademark or other means of identification of the manufacturer or supplier	✓			
Art 9.1.2	Type-identifying marking	✓			
Art 9.1.3	Classification The appropriate class (FFP1, FFP2 or FFP3) followed by a single space and then: "NR" if the particle filtering half mask is limited to single shift use only. Example: FFP3 NR, or "R" if the particle filtering half mask is re-usable. Example: FFP2 R D.	✓ ✓		✓	
Art 9.1.4	The number and year of publication of this European Standard	✓			
Art 9.1.5	At least the year of end of shelf life. The end of shelf life may be informed by a pictogram as shown in Figure12a, where yyyy/mm indicates the year and month.	✓			
Art 9.1.6	The sentence "see information supplied by the manufacturer", at least in the official language(s) of the country of destination, or by using the equivalent pictogram.	✓			
Art 9.1.7	The manufacturer's recommended conditions of storage (at least the temperature and humidity) or equivalent pictogram	✓			
Art 9.1.8	The packaging of those particle filtering half masks passing the dolomite clogging test shall be additionally marked with the letter "D". This letter shall follow the classification marking preceded by a single space.	✓			

Article of the standard EN 149+A1	Content	Conformity			Comments
		Yes	No	N-A	
Art. 9	**Marking (continuation)**				
Art 9.2	**Particle filtering half mask** Particle filtering half masks complying with this European Standard shall be clearly and durably marked with the following:				
Art 9.2.1	The name, trademark or other means of identification of the manufacturer or supplier	✓			
Art 9.2.2	Type-identifying marking	✓			
Art 9.2.3	The number and year of publication of this European Standard	✓			
Art 9.2.4	Classification The appropriate class (FFP1, FFP2 or FFP3) followed by a single space and then: "NR" if the particle filtering half mask is limited to single shift use only. Example: FFP3 NR, or "R" if the particle filtering half mask is re-usable. Example: FFP2 R D."	✓ ✓		✓	
Art 9.2.5	If appropriate the letter D (dolomite) in accordance with clogging performance. This letter shall follow the classification marking preceded by a single space (see 9.2.4).	✓			
Art 9.2.6	Sub-assemblies and components with considerable bearing on safety shall be marked so that they can be identified	✓			
Directive	×CE Marking (CE + Notified body) ×The marking shall be clearly, durably and permanently marked by any mean without effect on material ×Legible and visible characters	✓ ✓ ✓			

Article of the standard EN 149+A1	Content	Conformity			Comments
		Yes	No	N-A	
	*Concerning the instruction for use: Only the **English** version has been checked. It is the responsibility of the manufacturer to supply the instruction for use in the official languages of the country of destination*				
Art. 10	**Information to be supplied by the manufacturer**				
Art 10.1	Information supplied by the manufacturer shall accompany every smallest commercial available package	✓			
Art 10.2	Information supplied by the manufacturer shall be at least in the official language(s) of the country of destination	✓			
Art 10.3	The information supplied by the manufacturer shall contain all information necessary for trained and qualified persons on:				
	— application/limitations ;	✓			
	— the meaning of any colour coding ;			✓	
	— checks prior to use ;	✓			
	— donning, fitting ;	✓			
	— use ;	✓			
	— maintenance (e.g. cleaning , disinfecting),if applicable;			✓	
	— storage ;	✓			
	— the meaning of any symbols/pictogram used of the equipment	✓			
Art 10.4	The information shall be clear and comprehensible. If helpful, illustrations, part numbers, marking shall be added.	✓			
Art 10.5	Warning shall be given against problems likely to be encountered, for example:				
	— fit of particle filtering half mask (check prior to use);	✓			
	— it is unlikely that the requirements for leakage will be achieved if facial hair passes under the face seal;	✓			
	— air quality (contaminants, oxygen deficiency);	✓			
	— use of equipment in explosive atmosphere.	✓			
Art 10.6	The information shall provide recommendations as to when the particle filtering half mask shall be discarded.	✓			
Art 10.7	For devices marked "NR", a warning shall be given that the particle filtering half mask shall not be used for more than one shift.	✓			
Directive	Presence of name, address the manufacturer or supplier	✓			
	Presence of name, address and notified body number who have done CE type examination	✓			

10.Conclusion

The PPE category III – Filtering half mask to protect against particles Identified in paragraph 4 meets the basic requirements of European Directive 89/686 of 21 December 1989, "Personal Protective Equipment" relative to the design of the product examined and transposed into French law by the relevant articles of French labor code.

The assessment of conformity takes into account the compliance of the PPE with the provisions of European standard EN 149:2001 + A1:2009, and with the conformity of manufacturer's technical file.

Consequently, 16 CE type examination certificates are issued for these equipment:

Class: FFP2 NR
Trade Mark: WEINI
Model: FFP2 NR 952 series
Reference: FFP2 NR 952

Number of CE Type examination certificate: 0082/2779/079/09/17/0568

Class: FFP2 NR
Model: FFP2 NR 952 series
Reference: FFP2 NR 952V

Number of CE Type examination certificate: 0082/2779/079/09/17/0569

Class: FFP2 NR
Model: FFP2 NR 952 series
Reference: FFP2 NR 952C

Number of CE Type examination certificate: 0082/2779/079/09/17/0570

Class: FFP2 NR
Model: FFP2 NR 952 series
Reference: FFP2 NR 952VC

Number of CE Type examination certificate: 0082/2779/079/09/17/0571

Class: FFP2 NR D
Model: FFP2 NR D 952 series
Reference: FFP2 NR D 952

Number of CE Type examination certificate: 0082/2779/079/09/17/0572

Class: FFP2 NR D
Model: FFP2 NR D 952 series
Reference: FFP2 NR D 952V

Number of CE Type examination certificate: 0082/2779/079/09/17/0573

Class: FFP2 NR D
Model: FFP2 NR D 952 series
Reference: FFP2 NR D 952C

Number of CE Type examination certificate: 0082/2779/079/09/17/0574

Class: FFP2 NR D
Model: FFP2 NR D 952 series
Reference: FFP2 NR D 952VC

Number of CE Type examination certificate: 0082/2779/079/09/17/0575

Class: FFP1 NR
Trade Mark: WEINI
Model: FFP1 NR 951 series
Reference: FFP1 NR 951

Number of CE Type examination certificate: 0082/2779/079/09/17/0576

Class: FFP1 NR
Model: FFP1 NR 951 series
Reference: FFP1 NR 951V

Number of CE Type examination certificate: 0082/2779/079/09/17/0577

Class: FFP1 NR
Model: FFP1 NR 951 series
Reference: FFP1 NR 951C

Number of CE Type examination certificate: 0082/2779/079/09/17/0578

Class: FFP1 NR
Model: FFP1 NR 951 series
Reference: FFP1 NR 951VC

Number of CE Type examination certificate: 0082/0/079/09/17/0579

Class: FFP1 NR D
Model: FFP1 NR D 951 series
Reference: FFP1 NR D 951

Number of CE Type examination certificate: 0082/2779/079/09/17/0580

Class: FFP1 NR D
Model: FFP1 NR D 951 series
Reference: FFP1 NR D 951V

Number of CE Type examination certificate: 0082/2779/079/09/17/0581

Class: FFP1 NR D
Model: FFP1 NR D 951 series
Reference: FFP1 NR D 951C

Number of CE Type examination certificate: 0082/2779/079/09/17/0582

Class: FFP1 NR D
Model: FFP1 NR D 951 series
Reference: FFP1 NR D 951VC

Number of CE Type examination certificate: 0082/2779/079/09/17/0583

WN®

威尼科技

广州市威尼科技发展有限公司

Weini Technology Development Co., Ltd

产品介绍

Product introduction

951

产品图片 / Product picture

型　　号：951
model

执行标准：GB 2626-2006
Certificate

功　　效：KN95/Filtering efficiency above 95%
Efficiency

产品包装 / Product package

内盒尺寸：15x15x16CM
Inner Box

外箱尺寸：77x31.5x33.5CM
Carton

毛　　重：6.58KGS
Gross Weight

包　　装：50pcs/box,20boxes/carton
Package

净　　重：5.43KGS
Net Weight

CMA 170920191613

CNAS 中国认可 国际互认 检测 TESTING CNAS L0118

TEST REPORT

CASST

Report no: WLH0177-2020
Client: Weini Technolgoy Development Co., Ltd.
Product Name: Non-powered air-purifying particle respirator
Product Model: /
Manufacturer: Weini Technolgoy Development Co., Ltd.

Testing unit: China Academy of Safety Science and Technology
Test Category: Company consigned Test
Date of tests: 2020/04/09-2020/04/17

DECLARATION

1. The report is invalid if there is no test unit's "special seal for testing and inspection" or official Stamp; the multi-page test report without paging seal is invalid.
2. The report is invalid when there is no auditor's or authorized signatory's approval.
3. The report is invalid if there is any alteration.
4. Partial copy of the report is invalid. The copy of report with our permission shall be affixed with "special seal for testing and inspection" for confirmation.
5. The consigned Test Report is only responsible for received samples, and the test results are used by the client to understand delivered sample quality.
6. If there is any objection to the report, it should be submitted within 15 days from the date of receipt of the report, and it will not be accepted after the deadline.

Address: No. 17, Huixin west Street, Chaoyang District, Beijing, China
Postcode: 100029
Phone: +86 10-64941264, 64892434
Fax: +86 10-64817561
E-mail: ldfh@chinasafety.ac.cn

China Academy of Safety Science and Technology
Test Report of Non-powered air-purifying particle respirator

No.: WLH0177-2020

Product Name	Non-powered air-purifying particle respirator	Product Model	951
Product Type	Disposable Respirator (Without Valve, KN95)		
Manufacturer	Weini Technolgoy Development Co., Ltd.	Trade Mark	WN
Address	No.2, Xingye Road, Xicheng Industrial Zone, Renhe Town, Boluo District, Guangzhou City, P.R. China	Postcode	516470
Contact Person	Cao Haihua	Telephone/fax	13928893464
Quantity of Samples	50 pcs of Respirators	Production Date	/
Sample status	Intact appearance and complete packaging	Sample received	9th Apr, 2020
Test Category	Company Consigned Test	Sample delivery method	Mailing
Consigned by	Weini Technolgoy Development Co., Ltd.	Identification No. of LA mark	/
Test Basis	GB 2626-2006 "Respiratory protective equipment—Non-powered air-purifying particle respirator"		
Test Items	Visual inspection, Filter efficiency, Total inward leakage, Inhalation resistance, Exhalation resistance, Dead space, Visual field, Head harness, Flammability		
Sample Images			
Test Conclusion	The samples are tested based on Chinese National standard GB 2626-2006 "Respiratory protective equipment—Non-powered air-purifying particle respirator". After inspection, all the tested items meet the standard technical requirements. Issued date: 2020-04-17		
Remarks	①Sample No.: WLH0177-2020 ②Original record number: WLH0177-2020 ③Description of sample appearance: folding type facepiece, with a flat nose clip and white ear straps.		
Approval:		Author:	Tester:

China Academy of Safety Science and Technology
Test Report of Non-powered air-purifying particle respirator

No.: WLH0177-2020 2/6

Test Result Summary

No.	Test Items		Standard Requirements	Test Results		Conclusion	Remark
1	Visual inspection		The sample surface shall not be damaged, deformation, or with other obvious defects;	No damage, deformation and other obvious defects		Pass	/
			the component materials and structure should be able to stand normal use conditions and possible temperature, humidity and mechanical impact that may encounter	Meet the requirements			
			the head harness should be adjustable; the head harness design of the replaceable facepiece should be replaceable.	Head harness is adjustable			
			the eyeglass of full facepiece shall not be foggy that affect the vision when wearing.	/			
			After temperature and humidity pretreatment and mechanical strength pretreatment, the components shall not fall off, be damaged or deformation.	After pretreatment, no fall off, damage and deformation			
2	[illegible] efficie[illegible]	KN	≥90.0% (KN90)	/		Pass	/
			≥95.0% (KN95)	Unpretreated			
				99.33%	99.36%		
				99.1[illegible]%	99.03%		
				98.96%	98.86%		
				98.91%	99.24%		
				99.14%	99.1[illegible]%		
				Temperature and humidity pretreatment	Mechanical strength pretreatment		
				99.38%	/		
				99.43%	/		
				98.92%	/		
				99.03%	/		
				99.25%	/		
			≥99.97% (KN100)	/			
			Ambient temperature: (25±5)℃; Relative humidity: (30±10)%	24℃ 37%			
		KP	≥90.0% (KP90)	/			
			≥95.0% (KP95)	/			
			≥99.97% (KP100)	/			
			Ambient temperature: (25±5)℃;	/			

China Academy of Safety Science and Technology
Test Report of Non-powered air-purifying particle respirator

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Test Result Summary

No.	Test Items	Standard Requirements		Test Results		Conclusion	Remark
3	Total inward leakage (TIL) (Disposable Respirator)	When TIL of each action is taken as basis of evaluation (10 people x 5 actions), TIL of at least 46 actions of the 50	<13% (KN90/KP90)	/		Pass	KN95
			<11% (KN95/KP95)	TIL values for all 50 actions are less than 6.9%			
			<5% (KN100/KP100)	/			
		When the overall TIL of a person is taken as basis for evaluation, the total TIL of at least 8 people of the 10 subjects	<10% (KN90/KP90)	/			
			<8% (KN95/KP95)	Overall TIL values for all 10 subjects are less than 4.9%			
			<2% (KN100/KP100)	/			
4-1	Inward leakage (IL) (Replaceable half facepiece Respirator)	When the IL of each action is taken as basis of evaluation (that is, 10 people x 5 actions), the IL of at least 46 actions of the 50 actions <5%.		/		/	/
		when the overall IL of a person is taken as basis for evaluation, the total IL of at least 8 people of the 10 subjects <2%		/			
4-2	Inward leakage (IL) (Replaceable full facepiece Respirator)	When the IL of each action is taken as basis of evaluation (that is, 10 people x 5 actions), the IL of each action < 0.05%		/		/	/
5	Inhalation resistance	the total inhalation resistance of each sample ≤350 Pa		Unpretreated	Temperature and humidity pretreatment	Pass	/
				62 Pa	57 Pa		
				64 Pa	60 Pa		
6	Exhalation resistance	the total exhalation resistance ≤250 Pa		Unpretreated	Temperature and humidity pretreatment	Pass	/
				60 Pa	58 Pa		
				64 Pa	58 Pa		
7	Exhalation valve air-tightness	a) When the air extracting velocity of flow reaches 500 mL/min, the system negative pressure cannot reach 1180 Pa;		/		/	/
		b) The time for restoration of the exhalation valve to normal pressure is less than 20s		Unpretreated	temperature and humidity pretreatment		
				/	/		
				/	/		
		Normal temperature, normal pressure relative humidity < 75%		/			

China Academy of Safety Science and Technology
Test Report of Non-powered air-purifying particle respirator

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Test Result Summary

No.	Test Items	Standard Requirements			Test Results	Conclusion	Remark
8	Exhalation valve cap	The exhalation valve cap of the disposable facepiece is subjected to an axial tensile force of 10N for 10 seconds, and should not slide, break and distort.			/	/	/
		The exhalation valve cap of the replaceable facepiece is subjected to an axial tensile force of 50N for 10 seconds, and should not slide, break and distort.			/		
9	Dead space	When expressed as the volume fraction of carbon dioxide in the inhaled air, the average value of the results should be ≤1%			0.46%	Pass	/
		Ambient temperature: (16~32)℃;			24℃		
10	Visual field	Disposable facepiece		Lower visual field ≥ 60°	79°	Pass	/
		Full facepiece	Big eye window	Total visual field ≥ 70%	/		
				Double-eye visual field ≥ 80%	/		
			Double eye window	Total visual field ≥ 70%	/		
				Double-eye visual field ≥ 20%	/		
11	Head harness	Each head harness, buckling and other adjustable components of the disposable facepiece should not slip or break when it is subjected to a tensile force of 10N for 10s.			10N tensile force pulling for 10s without slippage or break	Pass	/
		Each head harness, buckling and other adjustable components of the replaceable half facepiece should not slip or break when it is subjected to a tensile force of 50N for 10s.			/		
		Each head harness, buckling and other adjustable components of the full facepiece should not slip or break when it is subjected to a tensile force of 150N for 10s.			/		
12	Connections and Connection Parts	All the connections and connecting parts between the replaceable filter element and the half facepiece should not be no slide, break or distortion when subjected to an axial tensile force of 50N for 10s.			/	/	/
		All connections and connection parts between the replaceable filter element and the full facepiece, and between the breathing hose and the filter element and the full facepiece should not be no slide, break or distortion when subjected to an axial tensile force of 250N for 10s.			/		

China Academy of Safety Science and Technology

Test Report of Non-powered air-purifying particle respirator

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Test Result Summary

No.	Test Items	Standard Requirements	Test Results		Conclusion	Remark
13	Eyeglass (Fullfacepiece)	After each [illegible] by a steel ball, No eyeglass [illegible] the sample shall be broken or in crack;	/		/	/
		Tested by the air tightness of the sample after the impact of the steel ball, the negative pressure drop in each sample within 60S should not be greater than 100Pa	/			
14	Air tightness (Fullfacepiece)	The negative pressure drop in each sample within 60S should not be greater than 100Pa	/		/	/
15	Flammability	After being removed from the flame, Various parts exposed to the flame should not burn; if burned, the after burning time should not exceed 5S.	[illegible]	[illegible]	Pass	/
			[illegible]	[illegible]		
			[illegible]	0.5s		
16	Information to be provided by the manufacturer	Such information should be [illegible] along with the minimum package for sales; There shall be Chinese explanation. The information should be clear and help explanations such as explanations, part numbers, and labels can be added.			/	/
		[illegible] the following information that users must know: a) Scope of application and restriction; b) For replaceable filter elements, there should be explanations on the method for use together with full or half facepiece, and if multiple filer materials, there should be indications; c) Method of assemblage of the replaceable facepiece; d) Method of inspection before use; e) Method of wearing and method of inspection of the wearing air tightness; f) Suggestions as to when to replace the filter elements; g) If applicable, the method of maintenance (for instance, method of cleaning and sterilization); h) Methods of storage; i) Meaning of any of the symbols and icons used;	/			
		Provide warnings about problems that may be encountered during use, such as: a) Adaptability b) Hair under the close frame can cause the mask to leak c) Air quality (pollutants, hypoxia, etc.)	/			

China Academy of Safety Science and Technology

Test Report of Non-powered air-purifying particle respirator

No.: WUH0177-2020 6/6

Test Result Summary

No.	Test Items	Standard Requirements	Test Results	Conclusion	Remark
17	Mark	The product body should have the product name, trademark or other manufacturer's identification, type or model (if applicable), implementation standard and year number, filter element filter grade	/	/	/
		Product packaging should have the product name, trademark, or other manufacturer-identifiable label, type or model number (if applicable), implementation standard and year number, filter element filter grade, product license number, production date, or production batch number, Storage life, "see information provided by manufacturer", manufacturer's recommended storage conditions.	/		

Main test equipment	Equipment No.	Equipment Name	Verification period
	20100728	High and Low Temperature Humidity Test Chamber [illegible]	2019.04.19~2020.04.18
	GJ-SB353	TSI8130 Filtration Efficiency Tester	/
	GJ-SB413	[illegible] leakage test cabin	/
	GJ-SB369	[illegible] Aerosol Generator	/
	GJ-SB[illegible]	[illegible] Aerosol Photometer	/
	GJ-SB[illegible]	TSI8587A Aerosol Photometer	/
	GJ-SB415	Breathing Resistance Test Device	2020.02.14~2021.02.13
	GJ-SB505	Microcomputer Controlled Universal Testing Machine	2019.04.19~2020.04.18
	GJ-SB[illegible]	INSPEC Anemometer	/
	GJ-SB417	Dead space test device	2020.02.17~2021.02.[illegible]
	GJ-SB381	Face mask flammability rig	2020.02.03~2021.[illegible]

Test Date: Apr 09 2020 ~ [illegible]

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认证及检测报告

Authentication & Test report

检 验 报 告

报 告 编 号：WLH0177-2020

产 品 名 称：自吸过滤式防颗粒物呼吸器

送 检 单 位：广州市威尼科技发展有限公司

检 验 类 别：企业委托检验

中国安全生产科学研究院

声 明

1、报告无检验单位“检验检测专用章”或公章无效；多页检验报告未加盖骑缝章无效。

2、报告无授权签字人批准无效。

3、报告涂改无效。

4、报告部分复制无效，经本机构同意复制的报告需重新加盖“检验检测专用章”确认。

5、委托检验仅对来样负责，检测结果供委托方了解样品质量之用。

6、对检验报告如有异议，应于收到报告之日起 15 日内提出，逾期不予受理。

地址：北京市朝阳区惠新西街 17 号

邮编：100029

电话：010-64941264，64862434

传真：010-64812561

邮箱：ldfh@chinasafety.ac.cn

安全生产科学研究院

过滤式防颗粒物呼吸器检验报告

编号：WLH0177-2020 第 1 页 共 7 页

产品名称	自吸过滤式防颗粒物呼吸器	企业产品规格型号	951
产品类别	随弃式面罩（无呼气阀 KN95）		
生产单位	广州市威尼科技发展有限公司	商 标	WN
任务来源	广州市威尼科技发展有限公司委托	到样日期	2020 年 04 月 09 日
通讯地址	广州市白云区人和镇西成工业区兴业路 2 号	邮政编码	510470
联 系 人	曹海华	联系电话	13928893464
样品数量	呼吸器 50 个	送 样 者	曹奇
样品状态	完好	生产编号	2020WHKN95001
检验类别	企业委托检验	安全标志标识编号	/
检验依据	GB 2626-2006《呼吸防护用品 自吸过滤式防颗粒物呼吸器》		
检验项目	一般要求、外观检查、过滤效率、总泄漏率、吸气阻力、呼气阻力、死腔、视野、气流、可燃性		
样品照片			
检验结论	该样品依据 GB 2626-2006《呼吸防护用品 自吸过滤式防颗粒物呼吸器》，经检验，所检项目均符合 KN95 级标准技术要求。 检验检测专用章 签发日期：2020 年 04 月 17 日		
备 注	① 样品编号：WLH0177-2020； ② 原始记录编号：WLH0177-2020； ③ 样品外观描述：白色折叠式面罩，白色耳戴式头带，内置鼻夹条。		
批准：	审核：	主检：	

认证及检测报告

Authentication & Test report

中国安全生产科学研究院
自吸过滤式防颗粒物呼吸器检验报告

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检验结果汇总

序号	检验项目	标准要求	检验结果	本项结论	备注
1	一般要求	直接与面部接触的材料对皮肤应无害；	直接与面部接触的材料对皮肤无害	符合	/
		滤材对人体应无害；	滤材对人体无害		
		所用的材料应具有足够的强度，在正常使用寿命中，不应出现破损及变形；	材料具有足够强度，不易出现破损及变形		
		应不易产生结构性破损，部件的设计、组成和安装不应对使用者构成任何危险；	不易产生结构性破损，部件的设计、组成和安装不会对使用者构成任何危险		
		头带应可调，便于佩戴和摘除，应能将面罩牢固地固定在脸上，且佩戴时不应出现明显的压迫和压痛现象，可更换式面罩头带应可更换；	头带弹性良好，便于佩戴和摘除，佩戴牢固，无明显压迫和压痛		
		应尽可能具有较小的死腔和较大的视野；	符合标准要求		
		佩戴时，全面罩的镜片不应出现结雾等影响视觉的情况；	/		
		使用可更换式过滤元件、吸气阀、呼气阀及头带的呼吸防护用品应采用更换的设计，并且能使使用者方便地检查面罩与面部的佩戴气密性；	/		
		呼吸导管不应限制头部活动和使用者行动，不应影响面罩的密合性，不应出现限制气流的情况；	/		
		随弃式面罩的结构应能保证与面部密合，且应在使用寿命期内不出现变形。	能保证与面部密合，不易变形		
2	外观检查	样品表面不应破损、变形和有明显的其他缺陷；	无破损、无变形、无其他明显缺陷	符合	/
		部件材料和结构应能耐受正常使用条件及可能遇到的温度、湿度和机械冲击；	符合标准要求		
		头带应可调，可更换式面罩的头带设计应为可更换。	头带可调节		
		经温度、湿度预处理和机械强度预处理后，部件不应脱落、损坏和变形。	预处理后无脱落、无损坏、无变形		

中国安全生产科学研究院
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检验结果汇总

序号	检验项目	标准要求		检验结果		本项结论	备注
3	过滤效率	KN 类	≥90.0%（KN90）；	/		符合	/
			≥95.0%（KN95）；	未处理样			
				99.23%	99.36%		
				99.17%	[illegible]		
				98.96%	[illegible]		
				[illegible]	99.24%		
				99.14%	99.11%		
				温湿度预处理样	机械强度预处理样		
				99.38%	/		
				[illegible]	/		
				98.92%	/		
				99.03%	/		
				99.25%	/		
			≥99.97%（KN100）。	/			
			环境温度：(25±5)℃；相对湿度：(30±10)%。	24℃ 32%			
		KP 类	≥90.0%（KP90）；	/			
			≥95.0%（KP95）；	/			
			≥99.97%（KP100）。	/			
			环境温度：(25±5)℃	/			

中国安全生产科学研究院
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检验结果汇总

序号	检验项目	标准要求		检验结果		本项结论	备注
4	总泄漏率（TIL）（随弃式面罩）	以每个动作的 TIL 为评价基础时（即 10 人×5 个动作），50 个动作中至少有 46 个动作的 TIL。	<13%（KN90/KP90）；	/		符合	KN95
			<11%（KN95/KP95）；	50 个动作的 TIL 值均小于 6.9%			
			<5%（KN100/KP100）。	/			
		以人的总体 TIL 为评价基础时，10 个受试者中至少有 8 个人的总体 TIL。	<10%（KN90/KP90）；	/			
			<8%（KN95/KP95）；	10 名受试者的总体 TIL 值均小于 4.9%			
			<2%（KN100/KP100）。	/			
4-1	泄漏率（IL）（可更换式半面罩）	以每个动作的 IL 为评价基础时（即 10 人×5 个动作），50 个动作中至少有 46 个动作的 IL 应小于 5%；		/		/	不适用
		以人的总体 IL 为评价基础时，10 个受试者中至少有 8 个人的总体 IL 应小于 2%。		/			
4-2	泄漏率（IL）（可更换式全面罩）	当以每个动作的 IL 为评价基础时（即 10 人×5 个动作），50 个动作中至少有 46 个动作的 IL 应小于 0.05%。		/		/	不适用
5	吸气阻力	每个样品的总吸气阻力≤350Pa。		未处理样	温湿度预处理样	符合	/
				[illegible] Pa	[illegible] Pa		
				64 Pa	60 Pa		
6	呼气阻力	每个样品的总呼气阻力≤250Pa。		未处理样	温湿度预处理样	符合	/
				60 Pa	58 Pa		
				64 Pa	58 Pa		
7	呼气阀气密性	a）抽气流速已达到 500mL/min 时，系统负压不低于 1180 Pa。		/		/	未带气阀
		b）呼气阀恢复至常压时间不小于 20s。		未处理样	温湿度预处理样		
				/	/		
				/	/		
		常温、常压相对湿度<75%。		/			

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序号	检验项目	标准要求		检验结果		本项结论	备注
8	呼气阀盖	随弃式面罩的呼气阀盖在承受 10N 的轴向拉力，持续 10 秒，不应出现滑脱、断裂和变形；		/		/	无呼气阀
		可更换式面罩的呼气阀盖在承受 50N 的轴向拉力，持续 10 秒，不应出现滑脱、断裂和变形。		/			
9	死腔	以吸入气中二氧化碳体积分数表示时，结果平均值应≤1%。		0.40%		符合	/
		环境温度：(16～32)℃。		24℃			
10	视野	随弃式	下方视野≥60°；	79°		符合	/
		全面罩 大眼窗	总视野≥70%；	/			
			双目视野≥80%；	/			
		全面罩 小眼窗	总视野≥70%；	/			
			双目视野≥20%	/			
11	头带	随弃式面罩的每条头带、带扣及其它调节部件在承受 10N，持续时间 10s 的拉力时，不应出现滑脱或断裂。		未处理样	10N 拉力持续 10s，未出现滑脱和断裂	符合	/
				温湿度预处理样	10N 拉力持续 10s，未出现滑脱和断裂		
		可更换式半面罩的每条头带、带扣及其它调节部件在承受 50N，持续时间 10s 的拉力时，不应出现滑脱或断裂。		/			
		全面罩的每条头带、带扣及其它调节部件在承受 150N，持续时间 10s 的拉力时，不应出现滑脱或断裂。		/			
12	连接和连接部件	在规定检测条件下，可更换式过滤元件与半面罩之间的所有连接和连接部件，在承受 50N，持续时间 10s 的轴向拉力时，不应出现滑脱、断裂或变形。		/		/	不适用
		在规定检测条件下，可更换式过滤元件与全面罩之间，呼吸导管与过滤元件及全面罩之间的所有连接和连接部件，在承受 250N，持续时间 10s 的轴向拉力时，不应出现滑脱、断裂或变形。		/			

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检验结果汇总

序号	检验项目	标准要求	检验结果		本项结论	备注
13	镜片（全面罩）	每个样品经钢球冲击后，镜片不应破碎或产生裂纹；	/		/	不适用
		经钢球冲击后的样品按气密性方法检测，60s 内每个样品内的负压下降应不大于 100Pa。	/			
14	气密性（全面罩）	60s 内每个样品内的负压下降应不大于 100Pa。	/		/	不适用
15	可燃性	暴露于火焰的各部件在从火焰移开后，不应燃烧；如果燃烧，续燃时间不应超过 5s。	未处理样	温湿度预处理样	符合	/
			0.8s	0.4s		
			0.7s	0.5s		
16	制造商应提供的信息	随最小销售包装一起提供	/		/	/
		应有中文说明。	/			
		应包括使用者必须了解的以下信息： a）适用范围与限制； b）对可更换过滤元件，说明其与全面罩或半面罩一起使用的方法，若为多重滤料，应标明； c）可更换式面罩的组装方法； d）使用前的检查方法； e）佩戴方法和佩戴气密性检查方法； f）何时更换过滤元件的建议； g）如果适用，维护方法（如清洗和消毒方法）； h）储存方法； i）使用的任何符号和图标的含义。	/			
		应对使用中可能遇到的问题提供警示，如： a）适合性； b）胡须等下的毛发会导致面罩泄漏； c）空气质量（污染物、缺氧等）。	/			
		信息应明确，可增加解说、部件号和标注等借助说明。	/			

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检验结果汇总

序号	检验项目	标准要求	检验结果	本项结论	备注
17	标识	产品本体上应有产品名称、商标或其他可辨别制造商的标注、号型或型号（如果适用）、执行标准和年号、过滤元件的滤料级别；	/	/	/
		产品包装上应有产品名称、商标或其他可辨别制造商的标注、号型或型号（如果适用）、执行标准和年号、过滤元件的滤料级别、产品许可证号、生产日期或生产批号、储存寿命、"参见制造商提供的信息"字样、制造商建议的储存条件。	/		

主要检验设备	编号	设备名称	检定有效期
	2019072S	高低温湿热试验箱SH-641	2019.04.19–2020.04.18
	GJ-SB353	TSI8130过滤效率测试仪	/
	GJ-SB413	泄漏性测试仓	/
	GJ-SB370	TSI9306A气溶胶发生器	/
	GJ-SB371、372	TSI8587A气溶胶光度计	/
	GJ-SB417	死腔测试装置	2020.02.17–2021.02.16
	GJ-SB381	模拟燃烧检装置	2020.02.03–2021.02.02
	GJ-SB415	呼吸阻力测试装置	2020.02.14–2021.02.13
	GJ-SB505	微机控制万能试验机	2019.04.19–2020.04.18
	GJ-SB380	视野计	/

检验日期：2020 年 04 月 09 日—2020 年 04 月 17 日

（以下空白）

公司资质

Company Qualification

广州市威尼科技发展有限公司

Weini Technology Development Co., Ltd

地址：广州市白云区人和镇西成工业区兴业路2号
Address: Xingye Rd2#, Xicheng Industrial Zone, Renhe Town Baiyun Dist, Guangzhou
电话(Tel)：+86-020-86457063　　网址(Website)：www.n95.cn

专业呼吸防护 Professional Respiratory Protection

广州市威尼科技发展有限公司

Weini Technology Development CO.,LTD.

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公司简介

Company profile

广州市威尼科技发展有限公司位于中国广州，是集研发、生产和销售于一体的专业防护口罩企业。公司在广州白云区和花都新扩建厂房总面积达135800平方米，其中包含面积达500平方米的中央检测实验室。企业人数规模高层管理387人，产线员工达3690人，在2020年新冠疫情期间属于广州市政府重点扶持和国际推广龙头工业民用防护口罩龙头企业。

公司主要生产销售工业防护口罩、专业防雾霾口罩、民用口罩和运动口罩四大系列，所生产的产品都通过ISO9001质量管理体系认证，并严格执行ISO质量体系生产运作，确保产品质量合格。所生产口罩都达到国家制定的GB2626-2006《呼吸防护用品自吸过滤式防颗粒物呼吸器》标准。公司拥有全国工业产品生产许可证、特种劳动防护用品安全标志证书，同时获得EN149:2001：A1+2009欧洲防护口罩的生产资格，有61款口罩型号分别获得FFP1、FFP2和FFP3的品质等级认证。威尼运动口罩也获国家专利局双专利。公司董事长曹浩权先生获得中国口罩行业专家委员会主任委员，中国保护消费者基金会打假工作委员会委员等名誉称号。

公司拥有一流的生产及检测设备，能够满足不同类型产品的生产需求，有应用于杯型口罩生产的成型机、复合机、灯罩机、切割机、封边机、点带机、移印机；应用于折叠口罩的有打片机、自动点带机、自动包装机共355条生产线，另外还有美国专业检测设备TSI 8130五台，从品质和产能完全能满足突发性的市场生产需求。

品质管控严格，拥有高素质的品质管控队伍，先进的检测仪器也一应俱全。

威尼口罩全部采用无毒无味、无过敏、无刺激材料，人性化设计，高标准选材，高过滤效率、低呼吸阻力是我们的制造标准，同时满足佩戴安全，呼吸顺畅的要求。多规格生产，满足多元化的全球市场。

因有威尼、雾霾来时，不再可怕。威尼美好明天与你同在，携手共创辉煌！欢迎广大新老客户来电咨询合作！（+86-20-31922361）

Guangzhou Weini Technology Development Co., Ltd., located in Guangzhou, China, is a professional respirator company integrating R & D, production and sales. The company's newly expanded workshops cover a total area of 135800 square meters, including a central testing laboratory with an area of 500 square meters in Baiyun District and Huadu District of Guangzhou. The company has the high-level management with 387 people and production line employees with 3690 people. During the period of Xinguan epidemic in 2020, it is a leading industrial and civil protective mask enterprise supported and promoted by the Guangzhou municipal government.

The company mainly produces and sells four series of industrial protective masks, professional anti haze masks, civil masks and sports masks. All the products have passed the ISO9001 quality management system certification, and strictly implement the ISO quality system production operation to ensure the quality of products. All the masks meet the national standard gb2626-2006 "respiratory protective equipment self-priming filter respirator". The company has the national industrial product production license, special labor protection equipment safety mark certificate, and the production qualification of en149:2001:a1 + 2009 European protective mask. 61 kinds of mask models have obtained the quality grade certification of FFP1, FFP2 and FFP3 respectively. Weini sports mask has won double patent at the national patent office . Mr. Cao hao quan, chairman of the company, was awarded the honorary titles of chairman of China mask industry expert committee and member of anti counterfeiting Working Committee of China Consumer Protection Foundation.

The company has the best production and testing equipment, which can meet the production needs of different types of products. There are molding machine, compound machine, lampshade machine, cutting machine, edge banding machine, dot tape machine and pad printing machine for cup mask production; there are 355 production lines for folding mask, such as film making machine, automatic belt printing machine, automatic packaging machine, etc., which can meet all kinds of market demand.

Strict quality control, with high-quality control team, advanced detection equipment is also available.

Weini masks are all non-toxic, tasteless, non-allergic, non-irritating materials, humanized design, high standard material selection, high filtration efficiency, low respiratory resistance are our manufacturing standards,as well as to meet the requirements of safe wear and smooth breathing. And multi specification production to meet the diversified global market.

Whenever disease, disaster or haze come, Weini will always be with you to expect we to create brilliance hand in hand . Weini sincerely welcome the customers to visit, understand the company, sincerely negotiate cooperation matters!

Company name: Guangzhou Weini technology development co, ltd. (+86-20-31922361)

车间及设备

Workshop and equipment

355条生产线

高层管理387人
产线员工达3690人

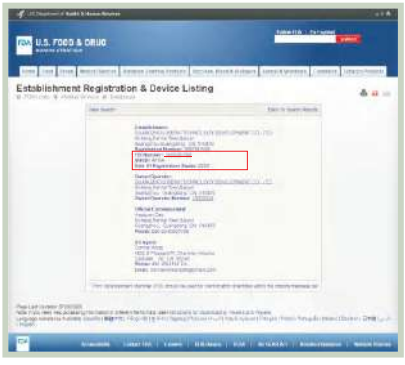
美国专业检测设备
TSI 8130五台

TSI公司生产的8127/8130自动滤料检测仪可快速、准确地测量滤料及面罩的过滤效率。8130型产生钠盐或油性气溶胶作测试载体，而8127型产生的是油性气溶胶。以上两种型号均可对过滤效率为99.999%的滤料及面罩进行测试，并符合美国职业安全健康局（NIOSH regulation 42 CFR,part 84）的规范。在2003年“非典”爆发其间，8130的技术规格被正式列为医用防护口罩技术要求国家标准GB 19083-2003。

The 8127/8130 automatic filter material detector produced by TSI can quickly and accurately measure the degree of filtration of the filter material and mask. Type 8130 produces sodium salt or oily aerosol as a test carrier, while Type 8127 produces oily aerosol. The above two models can test the filter material and fabric with a filtering effect of 99.999%, and comply with the regulations of the US Occupational Safety and Health Administration (NIOSH regulation 42 CFR part 84). During the SARS outbreak in 2003, the technical specifications of 8130 were officially listed as the national standard GB 19083-2003 for technical requirements for medical protective masks.

Company qualification

公司资质



欧盟 BSI CE

美国 FDA EUA

用汗水铸就品牌
用实力赢取荣誉
不断超越 追求完美

Use sweat to make a brand
Use strength to win honor
Go beyond and pursue perfection.

产品介绍
Product introduction

FFP3系列
FFP3/Filtering efficiency above 99%

Product introduction

产品介绍

FFP3系列

型号
model
E-340V

CE/EN149:2001+A1:2009 执行标准
Certificate

FFP3/Filtering efficiency above 99% 产品说明
specification

胶袋尺寸 Inner Bag	27x19CM
外箱尺寸 Carton	53x38.5x24.5CM
包装 Package	50pcs/carton
毛重 Gross Weight	2.34KGS
净重 Net Weight	1.37KGS

产品介绍 Product introduction

FFP3系列

型号
model
E-830V

执行标准 CE/EN149:2001+A1:2009
Certificate

产品说明 FFP3/Filtering efficiency above 99%
specification

内盒尺寸 Inner Box	21x9x19CM
外箱尺寸 Carton	47x44x40CM
包装 Package	20pcs/box,20boxes/carton
毛重 Gross Weight	4.54KGS
净重 Net Weight	3.17KGS

Product introduction

产品介绍

FFP3系列

型号
model

992V

CE/EN149:2001+A1:2009 执行标准
Certificate

FFP3/Filtering efficiency above 99% 产品说明
specification

内盒尺寸 Inner Box	15x13x17.5CM
外箱尺寸 Carton	66.5x31.5x36.5CM
包装 Package	25pcs/box,20boxes/carton
毛重 Gross Weight	6.73KGS
净重 Net Weight	5KGS

产品介绍 Product introduction

FFP3系列

型号
model
992

执行标准 CE/EN149:2001+A1:2009
Certificate

产品说明 FFP3/Filtering efficiency above 99%
specification

15X15X16CM	内盒尺寸 Inner Box
77x32x34CM	外箱尺寸 Carton
50pcs/box,20boxes/carton	包装 Package

FFP3系列

型号
model
9332V

CE/EN149:2001+A1:2009 执行标准
Certificate

FFP3/Filtering efficiency above 99% 产品说明
specification

产品介绍 Product introduction

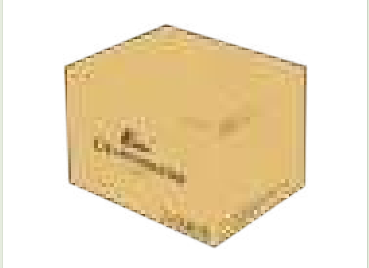
FFP3系列

型号
model
9322

执行标准 CE/EN149:2001+A1:2009
Certificate

产品说明 FFP3/Filtering efficiency above 99%
specification

21X7X17CM	内盒尺寸 Inner Box
43.5x37x35.5CM	外箱尺寸 Carton
25pcs/box,20boxes/carton	包装 Package



Product introduction

产品介绍

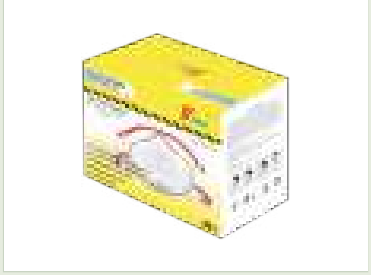
FFP3系列

型号
model

E-340

CE/EN149:2001+A1:2009 执行标准
Certificate

FFP3/Filtering efficiency above 99% 产品说明
specification



内盒尺寸 Inner Box	20x13.5x18CM
外箱尺寸 Carton	69.5x41.5x37.5CM
包装 Package	5pcs/box,20boxes/carton

产品介绍 Product introduction

FFP3系列

型号
model
A383V

执行标准 CE/EN149:2001+A1:2009
Certificate

产品说明 FFP3/Filtering efficiency above 99%
specification

FFP3系列

型号
model

A-380

CE/EN149:2001+A1:2009 执行标准
Certificate

FFP3/Filtering efficiency above 99% 产品说明
specification



产品介绍
Product introduction

FFP2系列
FFP2/Filtering efficiency above 94%







FFP2系列

型号
model

K-220V

CE/EN149:2001+A1:2009 执行标准
Certificate

FFP2/Filtering efficiency above 94% 产品说明
specification

内盒尺寸 Inner Box	14.5x12.5x23CM
外箱尺寸 Carton	64.5x30.5x47.5CM
包装 Package	20pcs/box,20boxes/carton
毛重 Gross Weight	9.86KGS
净重 Net Weight	8.42KGS

产品介绍 Product introduction

FFP2系列

型号
model
K-220

执行标准 CE/EN149:2001+A1:2009
Certificate

产品说明 FFP2/Filtering efficiency above 94%
specification

内盒尺寸 Inner Box	18x14.5x12.5CM
外箱尺寸 Carton	64.5x30.5x37.5CM
包装 Package	20pcs/box,20boxes/carton
毛重 Gross Weight	8.62KGS
净重 Net Weight	7.68KGS

FFP2系列

型号
model
F-820V

CE/EN149:2001+A1:2009 执行标准
Certificate

FFP2/Filtering efficiency above 94% 产品说明
specification

内盒尺寸 Inner Box	20X8.5X17.5CM
外箱尺寸 Carton	44.5x41.5x36.5CM
包装 Package	20pcs/box,20boxes/carton

产品介绍 Product introduction

FFP2系列

型号
model
F-820

执行标准 CE/EN149:2001+A1:2009
Certificate

产品说明 FFP2/Filtering efficiency above 94%
specification

20X6X15CM	内盒尺寸 Inner Box
41.5x32x31.5CM	外箱尺寸 Carton
20pcs/box,20boxes/carton	包装 Package
3.80KGS	毛重 Gross Weight
2.80KGS	净重 Net Weight

FFP2系列

型号
model

E-820VC

CE/EN149:2001+A1:2009 执行标准
Certificate

FFP2/Filtering efficiency above 94% 产品说明
specification

产品介绍 Product introduction

FFP2系列

型号
model
952

执行标准 CE/EN149:2001+A1:2009
Certificate

产品说明 FFP2/Filtering efficiency above 94%
specification

内盒尺寸 Inner Box	15x15x16CM
外箱尺寸 Carton	77x32x34CM
包装 Package	50pcs/box,20boxes/carton
毛重 Gross Weight	6.89KGS
净重 Net Weight	6.0KGS

Product introduction

产品介绍

FFP2系列

型号
model

E-680

CE/EN149:2001+A1:2009 执行标准
Certificate

FFP2/Filtering efficiency above 94% 产品说明
specification

15X15X17CM	内盒尺寸 Inner Box
77x31.5x35.5CM	外箱尺寸 Carton
50pcs/box,20boxes/carton	包装 Package

产品介绍 Product introduction

FFP2系列

型号
model
E-300

执行标准 CE/EN149:2001+A1:2009
Certificate

产品说明 FFP2/Filtering efficiency above 94%
specification



产品介绍
Product introduction

KN95系列
KN95/Filtering efficiency above 95%

产品介绍 Product introduction

KN95系列

型号
model
951

执行标准 GB 2626-2006
Certificate

产品说明 KN95/Filtering efficiency above 95%
specification

15x13x15CM	内盒尺寸 Inner Box
77x27.5x31.5CM	外箱尺寸 Carton
50pcs/box,20boxes/carton	包装 Package
6.58KGS	毛重 Gross Weight
5.43KGS	净重 Net Weight

Product introduction

产品介绍

KN95系列

型号
model
958

GB 2626-2006 执行标准
Certificate

KN95/Filtering efficiency above 95% 产品说明
specification

内盒尺寸 Inner Box	22X8.5X15.5CM
外箱尺寸 Carton	45.5X44X32.5CM
包装 Package	50pcs/box,20boxes/carton
毛重 Gross Weight	6.62KGS
净重 Net Weight	5.47KGS

产品介绍 Product introduction

运动系列
Sports Series

产品说明

Product description

产品细节 Product details

氨纶松紧带
Spandex elastic belt

精致做工
Exquisite workmanship

冷流防护呼吸阀
Cold flow protective breathing valve

超声波点带
Ultrasonic point band

静电式吸附滤料
Electrostatic adsorption filter material

隐藏式鼻夹
Hidden nose clip

使 用 说 明

1. 在使用口罩之前，佩戴者应首先接受正确使用的培训和密合性检验，并遵循相关的安全及健康标准。
2. 每次使用前检查口罩以确保其处于良好的工作状态，包括整体外观、鼻夹、耳带和呼吸阀，看是否有破损、折断、缺失的迹象。
3. 不得清洗、暴晒、改装、滥用或错误地使用口罩。
4. 当在极其低温下使用口罩时，过多的湿气可能导致呼吸阀冻结。
5. 本口罩用于对在处理建筑、矿山、铸造、木加工、电子、制药、物料处理、打磨、煤、铁矿石及含石英矿物过程中或加工面粉、棉花等其它物料过程中由机械力产生的颗粒物防护。
6. 如口罩聚集过多的堵塞物或损坏，呼吸阻力变得过大时，请丢弃或更换口罩。

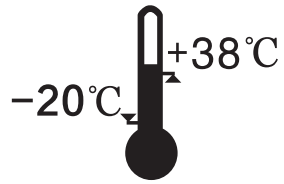
使 用 限 制

在出现以下情况时，请勿使用口罩进入或停留在污染区内：

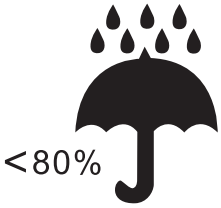
1. 环境中含有油性颗粒物、有害气体和蒸气
2. 本口罩不产生氧气，氧气浓度低于19.5%的环境下
3. 环境中污染物浓度或含量达到立即危害生命或健康浓度时，和其超过政府的最大浓度值或者允许暴露浓度值的10倍
4. 如果胡须、面部毛发或其它面部特征影响面部与口罩边缘的密合性的情况
5. 喷砂、喷漆和石棉工作等作业
6. 当感觉呼吸困难、头晕、刺激或其它不适症状时，应立即离开污染区域

密 合 性 检 验

1. 将双手罩于口罩之上，避免影响口罩在脸上的位置。
2. 快速用力吸气，应该可以感觉到口罩有明显的向内塌陷。
3. 快速用力呼气，应该可以感觉到口罩有明显的向外膨胀。
4. 如感觉到空气从鼻梁处或边缘处进入，请重新调节耳带或鼻夹的位置，直至达到必须的密合性。



储 存 条 件



最大的储存相对湿度


请看制造商提供的信息

不含乳胶

警告

本口罩只用于对某些污染物、颗粒物的呼吸防护，不能消除患病或感染的风险。错误使用可导致疾病甚至死亡。与皮肤直接接触的材料可能会引起某些敏感个体的过敏反应。更多信息请参见包装盒上制造商提供的信息，请致电威尼口罩或威尼口罩经销商。

佩带方式 How to wear it

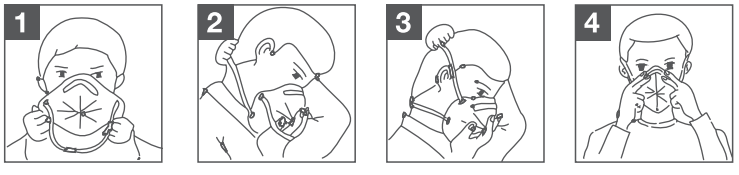
三种佩戴方式

耳带式

1. 打开口罩，鼻夹向上，双手各拉住一边耳带。
2. 戴上口罩，用其抵住下巴，双手将耳带扣于耳后。
3. 调节至舒适位置，使口罩贴合面部。
4. 用手指从中部往两侧按压调节鼻夹，直至紧贴鼻梁。

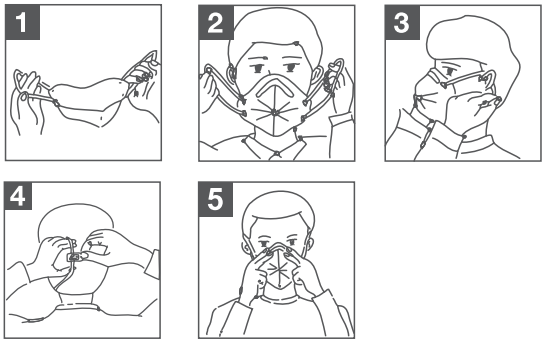
头带式

1. 打开口罩，头带自然下垂，单手穿过头带托起口罩外层。
2. 用口罩抵住下巴，用手先将下端的头带拉向后脑下方。
3. 再将上端的头带拉向后脑，使其套于耳部上方。
4. 调节至舒适位置，使口罩贴合面部，用手指从中部往两侧按压调节鼻夹，直至紧贴鼻梁。



颈带式

1. 打开口罩，鼻夹向上，头带自然下垂。
2. 戴上口罩，用其抵住下巴，使口罩贴合面部。
3. 双手各拉住一边耳带拉向后脑，注意上端耳带置于耳朵上方，下端耳带置于耳朵下方。
4. 扣上调节扣，调节至舒适位置。
5. 用手指从中部往两侧按压调节鼻夹，直至紧贴鼻梁。



⚠警告

如未达到满意的密合性，不能进入有污染的环境。牢固地按压鼻夹于鼻梁上，直至将鼻夹完全按压成鼻梁形状为止，以形成良好的密合是非常重要的。

	标准号	过滤效率分类	过滤效率	防护种类
美标 USA	NIOSH 42CFR84 (1995年版)	N95/R95/P95	95%	N(Non-Oil)： 适用于过滤非油性颗粒物； R(Oil Resistance)： 适用于过滤非油性颗粒物和油性颗粒物，但用于过滤油性颗粒物时使用限制时间为8个工作时； P(Oil Protective)： 适用于过滤油性颗粒物和非油性颗粒物，但用于过滤油性颗粒物时使用限制时间为40个工作时；或开始使用后30天后（以其中提早到达条件为准）更换滤棉。
		N99/R99/P99	99%	
		N100/R100/P100	99.97%	
欧标 Europe	EN149-2001 (2001年版)	FFP1	>=80%	非油性颗粒物 油性颗粒物 兼可用
		FFP2	>=94%	
		FFP3	>=99%	
国标 GB	GB2626-2006	KN90/KP90	>90%	KN-非油性颗粒物 KP-油性颗粒物
		KN95/KP95	>95%	
		KN100/KP100	>99.97%	

注：非油性颗粒物：固体类颗粒物及微生物，如粉尘、煤尘、水泥尘、木屑、酸雾和油漆物等

油性颗粒物：油烟类颗粒物，如沥青烟、油雾、焦炉烟和柴油机尾气中的颗粒物等

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