BNX CONVERTING

MADE IN USA

# BNX Converting LLC. Solutions Brief

Supply of N95 Respirator Face Masks
Area of Interest (Aol)

**2022**


**CONTACT**

**Adam Ravat**
adam.ravat@bnx.com
315-790-0466

**BNX Converting LLC.**
16727 Park Row,
Houston, Texas,
77084


**CAGE Code: 8T7Z3**
**DUNS number: 117714784**
**NAICS: 339113, 423450, 561990, 624230**
**Socio-Economic Status: Minority Owned Business**

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# Company Overview

**BNX Converting was launched in 2020 by Amcrest, which has been involved in the manufacture and distribution of security cameras since 2010.**

**BNX Converting is a limited liability company that was founded in Houston, Texas in order to support the public response to the COVID-19 outbreak.**

**Our goal is to supply frontline workers, government employees as well as the general public with high-quality, American made masks at an affordable price.**


## Purpose

Introduce BNX Converting, LLC (BNX) capabilities and solutions that will fulfill requirements, close capability gaps, and provide potential technological advancements in support of the COVID-19 Response Acquisition Task Force (DAF ACT) mission to provide relief, resilience, recovery, and stability to the nation in response to the COVID-19 pandemic.

**Adam Ravat**
CEO of BNX Converting LLC.

**Rachel Leong**
QC Lead
Mechanical Engineer

**Guangli Ma**
Lead Mechanical Engineer

**Yan Tong Ng Zhen**
Quality Control Engineer

**Alex Tan**
Mechanical Engineer

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# Company Evolution

**2010**
Amcrest founded. Importing and distributing security cameras.

**2014**
Amcrest established manufacturing of security cameras in Asia in 2014.

**2015**
Acquired current 94,000 sqft manufacturing and distribution facility in Houston, TX

**Aug, 2020**
BNX Converting launched by Amcrest in 2020 to establish US based manufacturing of N95 masks.
Establishment of Duckbill respirator line.

**Sept, 2020**
Acquired new 79,000 sqft expansion manufacturing facility in Houston, TX in (to meet increased demand and surge requirements)

**Oct, 2020**
Achieved KN95 certification on Duckbill masks.

**Oct, 2020**
Completed NIOSH Application and Issued 3-Digit Manufacturer Number.

**Jan, 2021**
NIOSH N95 On-Site Audit Completed Successfully and Provisional Pass.

**Sep, 2021**
BNX becomes Amazon's best seller Made in USA N95 Respirator Mask.

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# To assist healthcare providers, first responders and frontline workers in our nation's response to COVID-19

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# H95 VERTICAL FOLDING RESPIRATOR (HEADBAND)

95% PFE Filtration / 99% BFE Filtration


N95

MADE IN USA

MADE IN USA FROM GLOBALLY SOURCED COMPONENTS

National Institute for Occupational Safety and Health NIOSH

NIOSH-Approved - see insert

DEPARTMENT OF HEALTH & HUMAN SERVICES · USA

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21.HUS.74590 HOHENSTEIN HTTI

**Vertical Folding Design**

**Blocks 95% Of Airborne Particles**

**Headband Attachment**

**Adjustable Metal Nosepiece**

**Multi-Layer Protection**

- Spunbond Polypropylene
- Hot Air Cotton Polypropylene
- N95 Grade BFE99 Meltblown
- Hot Air Cotton Polypropylene
- Spunbond Polypropylene

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# E95 VERTICAL FOLDING RESPIRATOR (EARLOOP)

95% PFE Filtration / 99% BFE Filtration


KN95
GB2626-2019

MADE IN USA
MADE IN USA FROM GLOBALLY SOURCED COMPONENTS

OEKO-TEX®
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21.HUS.74590 HOHENSTEIN HTTI

**Vertical Folding Design**

**Blocks 95% Of Airborne Particles**

**Earloop Attachment**

**Adjustable Metal Nosepiece**

**Multi-Layer Protection**

- Spunbond Polypropylene
- Hot Air Cotton Polypropylene
- N95 Grade BFE99 Meltblown
- Hot Air Cotton Polypropylene
- Spunbond Polypropylene

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F95

# FOLDING CUP STYLE RESPIRATOR

95% PFE Filtration / 99% BFE Filtration


N95

MADE IN USA

MADE IN USA FROM GLOBALLY SOURCED COMPONENTS

National Institute for Occupational Safety and Health
NIOSH

NIOSH-Approved - see insert

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**Folding Cup Style Design**

**Blocks 95% Of Airborne Particles**

**Headband Attachment**

**Adjustable Metal Nosepiece**

## Multi-Layer Protection

- Spunbond Polypropylene
- Hardshell Stiffer Polypropylene
- N95 Grade BFE99 Meltblown
- Spunbond Polypropylene

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# C95 CUP STYLE RESPIRATOR MASKS

95% PFE Filtration / 99% BFE Filtration


N95

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National Institute for Occupational Safety and Health
NIOSH

NIOSH-Approved - see insert

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**CUP Style Design**

**Blocks 95% Of Airborne Particles**

**Headband Attachment**

**Adjustable Metal Nosepiece**

**Multi-Layer Protection**

Spunbond Polypropylene

N95 Grade BFE99 Meltblown

Needlepunched Polypropylene

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# A96-2 HORIZONTAL FOLDING DUCKBILL RESPIRATOR

95% PFE Filtration / 99% BFE Filtration




N95

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NIOSH

NIOSH-Approved - see insert

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**Horizontal Folding Design**

**Blocks 95% Of Airborne Particles**

**Headband Attachment**

**Adjustable Metal Nosepiece**

**Multi-Layer Protection**

- Spunbond Polypropylene
- N95 Grade BFE99 Meltblown
- Spunbond Polypropylene
- Hydrophilic Spunbond Polypropylene

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# Quality, Safety, Innovation.

**BNX's parent company, Amcrest, has been at the forefront of manufacturing security and safety products since its inception. BNX has leveraged this expertise and the necessary resources to fulfill its mission to manufacture the highest grade N95 NIOSH certified masks in order to support our great nation in response to the COVID-19 pandemic. BNX has a scalable and viable solution in place utilizing the highest grade materials, latest automated equipment as well as the talent, people, drive and unrelenting determination to fulfill our commitment.**

## 01

**Competitively priced** with **highest level quality**

## 02

**Made in USA.** **Currently employ 125 people in Houston, TX.** Projected to add at least 160 new local jobs upon expansion.

## 03

**Our focus is on automated manufacturing in the US**

## 04

**Large investment in automation of systems and processes,** long term sustainability and viability in the US

## 05

**Wide array of products (4 unique N95 mask styles) to fit faces of all shapes, sizes and preferences.** We also have Earloop KN95 vertical folding and FFP2/CE versions for convenience

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## 06

**Manufacturing capacity, we can scale up to 8million+ masks** per month based on our current facility and machines

## 07

**Supports local US jobs and building up strategic medical manufacturing facilities in Houston, TX**

## 08

**Profits are being used to re-invest in further US manufacturing. We have meltblown line on the way and are setting up for** Air filter and water filter manufacturing in Houston.

## 09

**Vertical integration for most competitive pricing and direct control over quality of input materials. We will be producing our own meltblown** (the active filter ingredient) **in our masks and thus we will be able to pass those cost efficiencies on to our customers**

## 10

**We have invested in 2 x TSI 8130A filter testing machines for our quality control. We have a third equivalent machine on the way**

## 11

**We are in the process of implementing our ISO13485 quality control system and will seek surgical 510K rating on all of our N95 masks**

## 12

**We have completed our NIOSH on-site Site Qualification visit and have been successfully granted provisional authorization for the production of our Duckbill N95 respirator**

## 13

**Operate out of a 94,000 sqft facility and acquired new 79,000 sqft adjacent facility** to meet increased demand and surge requirements

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# Current Production Capacity & Scaling Requirements

**October 2020**
Establishment of
**Duckbill Mask Line**
with capacity up to

**680,400**
masks per month

**December 2020**
Establishment of
**Cup Mask Line**
with capacity up to

**1,260,000**
masks per month

**January 2021**
Establishment of
**Vertical Headband Mask Line**
with capacity up to

**3,528,000**
per month

**January 2021**
Establishment of
**Folding Cup Mask Line**
with capacity up to

**1,296,000**
masks per month

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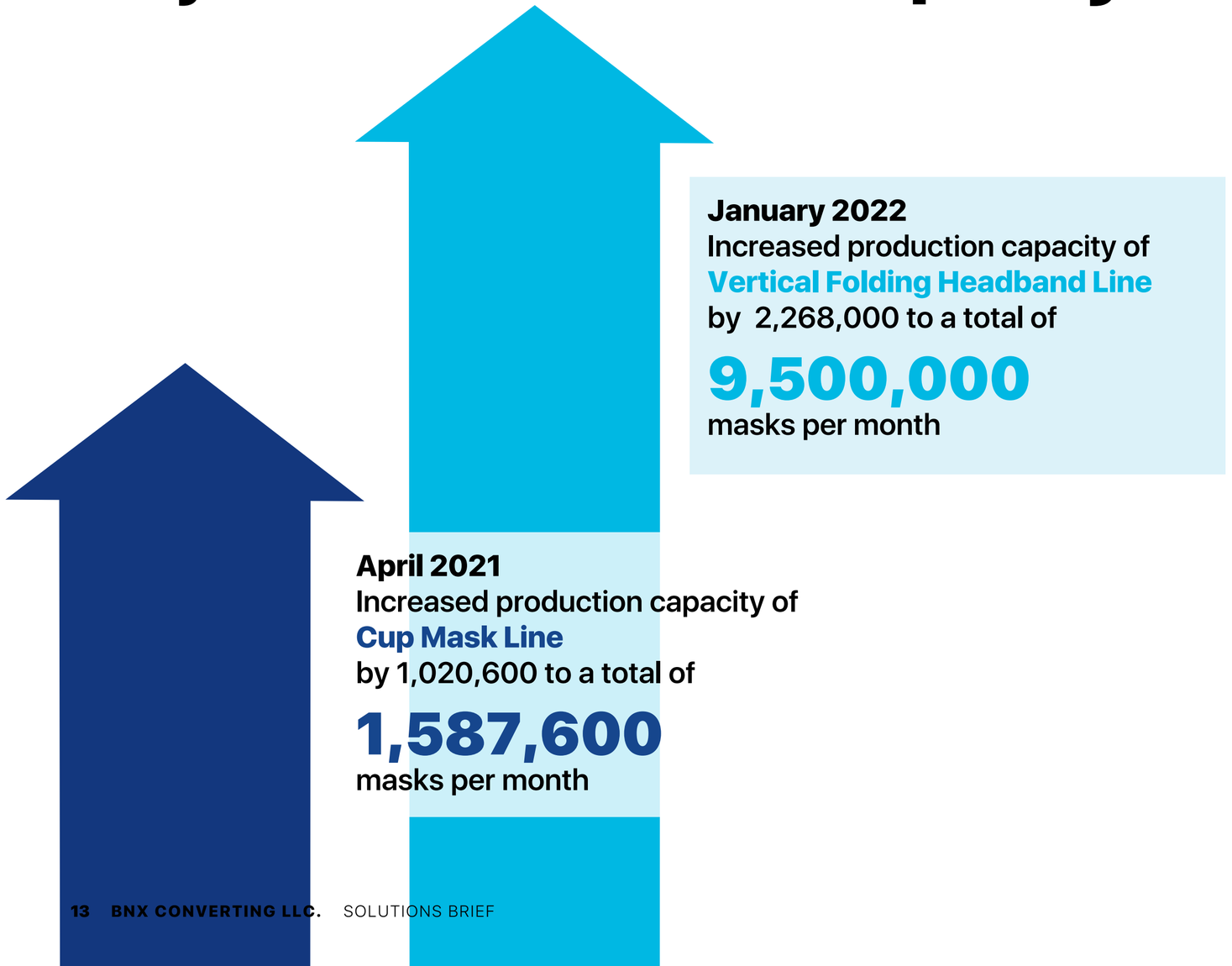
# Projected Production Capacity



**January 2022**
Increased production capacity of
**Vertical Folding Headband Line**
by 2,268,000 to a total of

**9,500,000**
masks per month

**April 2021**
Increased production capacity of
**Cup Mask Line**
by 1,020,600 to a total of

**1,587,600**
masks per month

# Testing Capacity

**October 2020**
Secured filter testing equipment **TSI 8130A** and **TSI** fit testing machine

**November 2020**
Secured backup filter testing as well as **Inhalation Exhalation** testing equipment

**April 2021**
Projected to receive second **TSI 8130A** machine

# Certifications

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FDA Registration #: 3017489417

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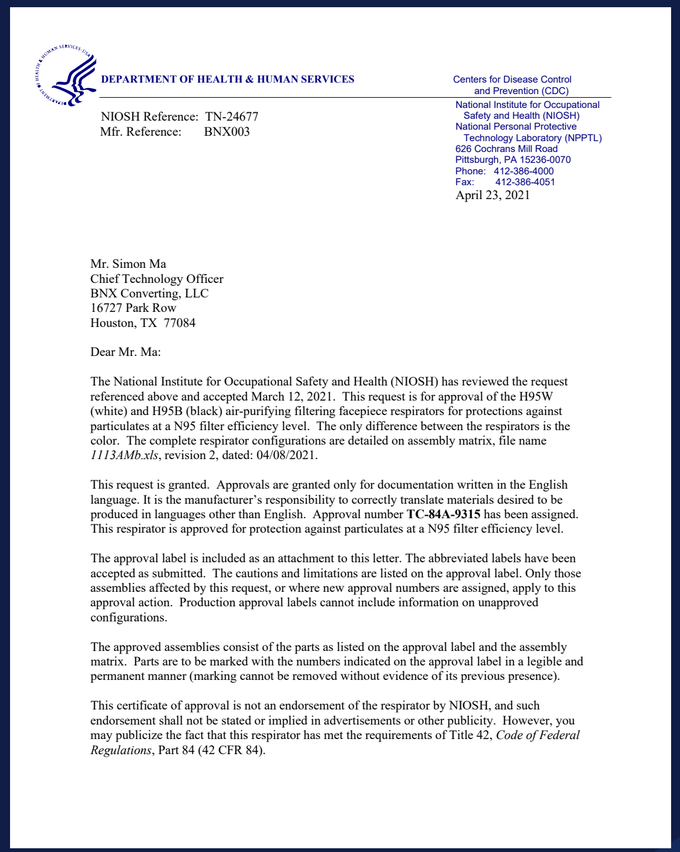


DEPARTMENT OF HEALTH & HUMAN SERVICES

Centers for Disease Control and Prevention (CDC)
National Institute for Occupational Safety and Health (NIOSH)
National Personal Protective Technology Laboratory (NPPTL)
626 Cochrans Mill Road
Pittsburgh, PA 15236-0070
Phone: 412-386-4000
Fax: 412-386-4051

NIOSH Reference: TN-24677
Mfr. Reference: BNX003

April 23, 2021

Mr. Simon Ma
Chief Technology Officer
BNX Converting, LLC
16727 Park Row
Houston, TX 77084

Dear Mr. Ma:

The National Institute for Occupational Safety and Health (NIOSH) has reviewed the request referenced above and accepted March 12, 2021. This request is for approval of the H95W (white) and H95B (black) air-purifying filtering facepiece respirators for protections against particulates at a N95 filter efficiency level. The only difference between the respirators is the color. The complete respirator configurations are detailed on assembly matrix, file name *1113AMb.xls*, revision 2, dated: 04/08/2021.

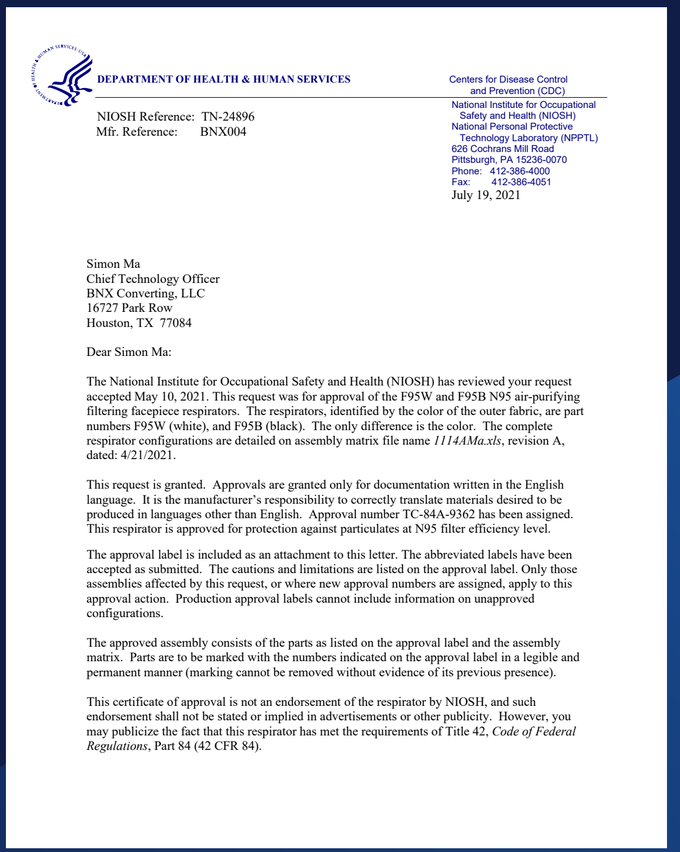
This request is granted. Approvals are granted only for documentation written in the English language. It is the manufacturer's responsibility to correctly translate materials desired to be produced in languages other than English. Approval number **TC-84A-9315** has been assigned. This respirator is approved for protection against particulates at a N95 filter efficiency level.

The approval label is included as an attachment to this letter. The abbreviated labels have been accepted as submitted. The cautions and limitations are listed on the approval label. Only those assemblies affected by this request, or where new approval numbers are assigned, apply to this approval action. Production approval labels cannot include information on unapproved configurations.

The approved assemblies consist of the parts as listed on the approval label and the assembly matrix. Parts are to be marked with the numbers indicated on the approval label in a legible and permanent manner (marking cannot be removed without evidence of its previous presence).

This certificate of approval is not an endorsement of the respirator by NIOSH, and such endorsement shall not be stated or implied in advertisements or other publicity. However, you may publicize the fact that this respirator has met the requirements of Title 42, *Code of Federal Regulations*, Part 84 (42 CFR 84).

**TC-84A-9315**



DEPARTMENT OF HEALTH & HUMAN SERVICES

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National Institute for Occupational Safety and Health (NIOSH)
National Personal Protective Technology Laboratory (NPPTL)
626 Cochrans Mill Road
Pittsburgh, PA 15236-0070
Phone: 412-386-4000
Fax: 412-386-4051

NIOSH Reference: TN-24896
Mfr. Reference: BNX004

July 19, 2021

Simon Ma
Chief Technology Officer
BNX Converting, LLC
16727 Park Row
Houston, TX 77084

Dear Simon Ma:

The National Institute for Occupational Safety and Health (NIOSH) has reviewed your request accepted May 10, 2021. This request was for approval of the F95W and F95B N95 air-purifying filtering facepiece respirators. The respirators, identified by the color of the outer fabric, are part numbers F95W (white), and F95B (black). The only difference is the color. The complete respirator configurations are detailed on assembly matrix file name *1114AMa.xls*, revision A, dated: 4/21/2021.

This request is granted. Approvals are granted only for documentation written in the English language. It is the manufacturer's responsibility to correctly translate materials desired to be produced in languages other than English. Approval number TC-84A-9362 has been assigned. This respirator is approved for protection against particulates at N95 filter efficiency level.

The approval label is included as an attachment to this letter. The abbreviated labels have been accepted as submitted. The cautions and limitations are listed on the approval label. Only those assemblies affected by this request, or where new approval numbers are assigned, apply to this approval action. Production approval labels cannot include information on unapproved configurations.

The approved assembly consists of the parts as listed on the approval label and the assembly matrix. Parts are to be marked with the numbers indicated on the approval label in a legible and permanent manner (marking cannot be removed without evidence of its previous presence).

This certificate of approval is not an endorsement of the respirator by NIOSH, and such endorsement shall not be stated or implied in advertisements or other publicity. However, you may publicize the fact that this respirator has met the requirements of Title 42, *Code of Federal Regulations*, Part 84 (42 CFR 84).

**TC-84A-9362**

# Certifications

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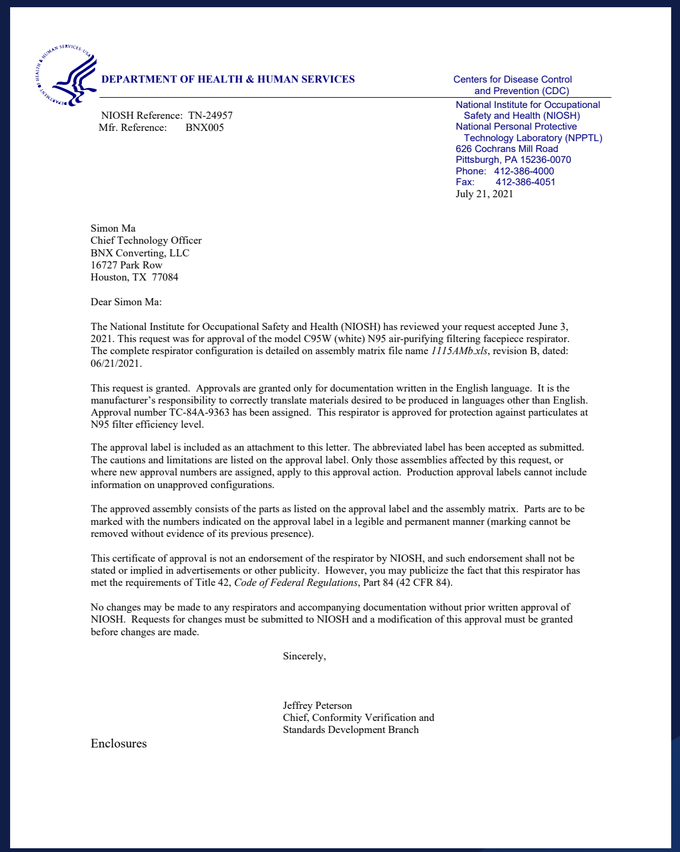


DEPARTMENT OF HEALTH & HUMAN SERVICES

Centers for Disease Control and Prevention (CDC)
National Institute for Occupational Safety and Health (NIOSH)
National Personal Protective Technology Laboratory (NPPTL)
626 Cochrans Mill Road
Pittsburgh, PA 15236-0070
Phone: 412-386-4000
Fax: 412-386-4051

NIOSH Reference: TN-24957
Mfr. Reference: BNX005

July 21, 2021

Simon Ma
Chief Technology Officer
BNX Converting, LLC
16727 Park Row
Houston, TX 77084

Dear Simon Ma:

The National Institute for Occupational Safety and Health (NIOSH) has reviewed your request accepted June 3, 2021. This request was for approval of the model C95W (white) N95 air-purifying filtering facepiece respirator. The complete respirator configuration is detailed on assembly matrix file name *1115AMb.xls*, revision B, dated: 06/21/2021.

This request is granted. Approvals are granted only for documentation written in the English language. It is the manufacturer's responsibility to correctly translate materials desired to be produced in languages other than English. Approval number TC-84A-9363 has been assigned. This respirator is approved for protection against particulates at N95 filter efficiency level.

The approval label is included as an attachment to this letter. The abbreviated label has been accepted as submitted. The cautions and limitations are listed on the approval label. Only those assemblies affected by this request, or where new approval numbers are assigned, apply to this approval action. Production approval labels cannot include information on unapproved configurations.

The approved assembly consists of the parts as listed on the approval label and the assembly matrix. Parts are to be marked with the numbers indicated on the approval label in a legible and permanent manner (marking cannot be removed without evidence of its previous presence).

This certificate of approval is not an endorsement of the respirator by NIOSH, and such endorsement shall not be stated or implied in advertisements or other publicity. However, you may publicize the fact that this respirator has met the requirements of Title 42, *Code of Federal Regulations*, Part 84 (42 CFR 84).

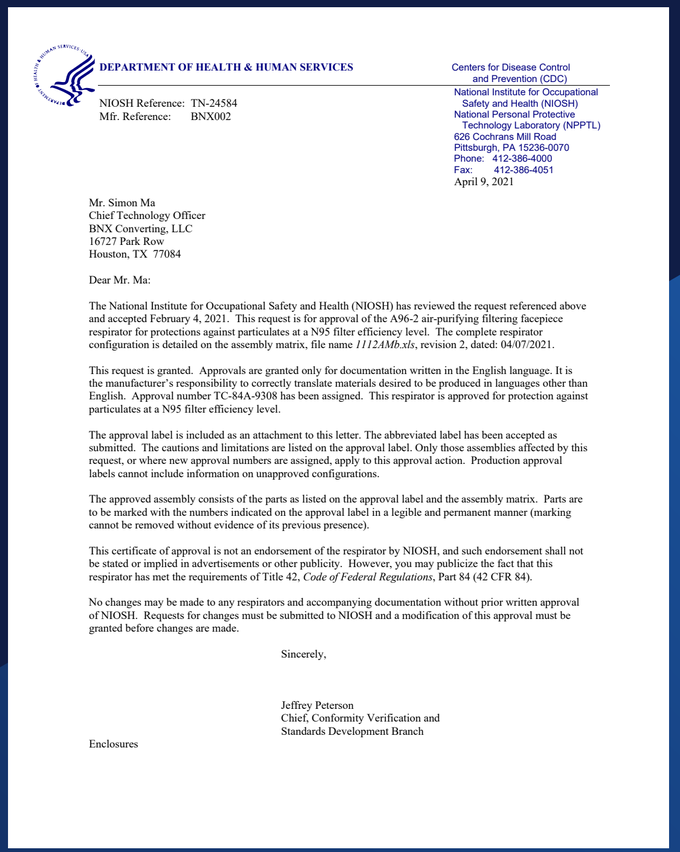
No changes may be made to any respirators and accompanying documentation without prior written approval of NIOSH. Requests for changes must be submitted to NIOSH and a modification of this approval must be granted before changes are made.

Sincerely,

Jeffrey Peterson
Chief, Conformity Verification and Standards Development Branch

Enclosures

TC-84A-9363



DEPARTMENT OF HEALTH & HUMAN SERVICES

Centers for Disease Control and Prevention (CDC)
National Institute for Occupational Safety and Health (NIOSH)
National Personal Protective Technology Laboratory (NPPTL)
626 Cochrans Mill Road
Pittsburgh, PA 15236-0070
Phone: 412-386-4000
Fax: 412-386-4051

NIOSH Reference: TN-24584
Mfr. Reference: BNX002

April 9, 2021

Mr. Simon Ma
Chief Technology Officer
BNX Converting, LLC
16727 Park Row
Houston, TX 77084

Dear Mr. Ma:

The National Institute for Occupational Safety and Health (NIOSH) has reviewed the request referenced above and accepted February 4, 2021. This request is for approval of the A96-2 air-purifying filtering facepiece respirator for protections against particulates at a N95 filter efficiency level. The complete respirator configuration is detailed on the assembly matrix, file name *1112AMb.xls*, revision 2, dated: 04/07/2021.

This request is granted. Approvals are granted only for documentation written in the English language. It is the manufacturer's responsibility to correctly translate materials desired to be produced in languages other than English. Approval number TC-84A-9308 has been assigned. This respirator is approved for protection against particulates at a N95 filter efficiency level.

The approval label is included as an attachment to this letter. The abbreviated label has been accepted as submitted. The cautions and limitations are listed on the approval label. Only those assemblies affected by this request, or where new approval numbers are assigned, apply to this approval action. Production approval labels cannot include information on unapproved configurations.

The approved assembly consists of the parts as listed on the approval label and the assembly matrix. Parts are to be marked with the numbers indicated on the approval label in a legible and permanent manner (marking cannot be removed without evidence of its previous presence).

This certificate of approval is not an endorsement of the respirator by NIOSH, and such endorsement shall not be stated or implied in advertisements or other publicity. However, you may publicize the fact that this respirator has met the requirements of Title 42, *Code of Federal Regulations*, Part 84 (42 CFR 84).

No changes may be made to any respirators and accompanying documentation without prior written approval of NIOSH. Requests for changes must be submitted to NIOSH and a modification of this approval must be granted before changes are made.

Sincerely,

Jeffrey Peterson
Chief, Conformity Verification and Standards Development Branch

Enclosures

TC-84A-9308

## Certifications

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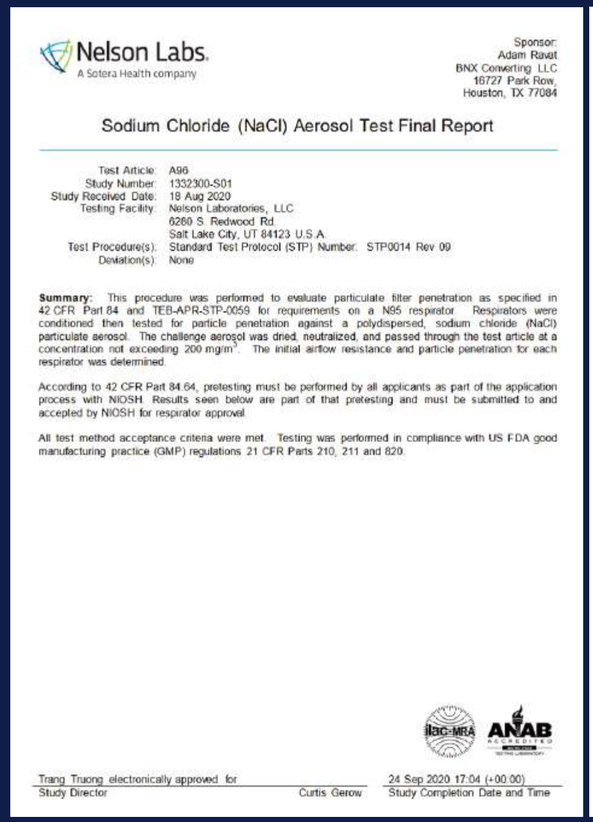

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Sponsor:
Adam Ravet
BNX Converting, LLC
16727 Park Row,
Houston, TX 77084

### Sodium Chloride (NaCl) Aerosol Test Final Report

Test Article: A96
Study Number: 1332300-S01
Study Received Date: 18 Aug 2020
Testing Facility: Nelson Laboratories, LLC
6280 S. Redwood Rd.
Salt Lake City, UT 84123 U.S.A.
Test Procedure(s): Standard Test Protocol (STP) Number: STP0014 Rev 09
Deviation(s): None

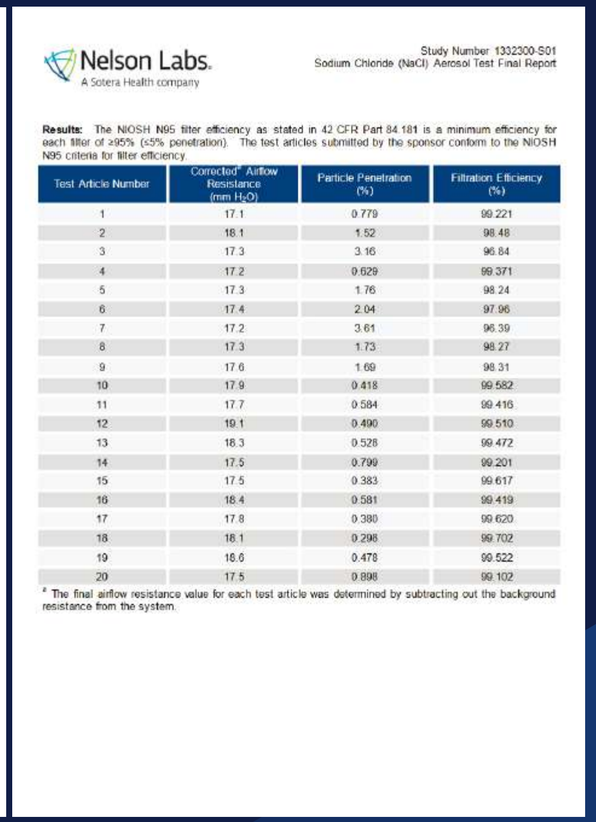
**Summary:** This procedure was performed to evaluate particulate filter penetration as specified in 42 CFR Part 84 and TEB-APR-STP-0059 for requirements on a N95 respirator. Respirators were conditioned then tested for particle penetration against a polydispersed, sodium chloride (NaCl) particulate aerosol. The challenge aerosol was dried, neutralized, and passed through the test article at a concentration not exceeding 200 mg/m$^3$. The initial airflow resistance and particle penetration for each respirator was determined.

According to 42 CFR Part 84.64, pretesting must be performed by all applicants as part of the application process with NIOSH. Results seen below are part of that pretesting and must be submitted to and accepted by NIOSH for respirator approval.

All test method acceptance criteria were met. Testing was performed in compliance with US FDA good manufacturing practice (GMP) regulations 21 CFR Parts 210, 211 and 820.

Trang Truong electronically approved for
Study Director — Curtis Gerow

24 Sep 2020 17:04 (+00:00)
Study Completion Date and Time



Nelson Labs
A Sotera Health company

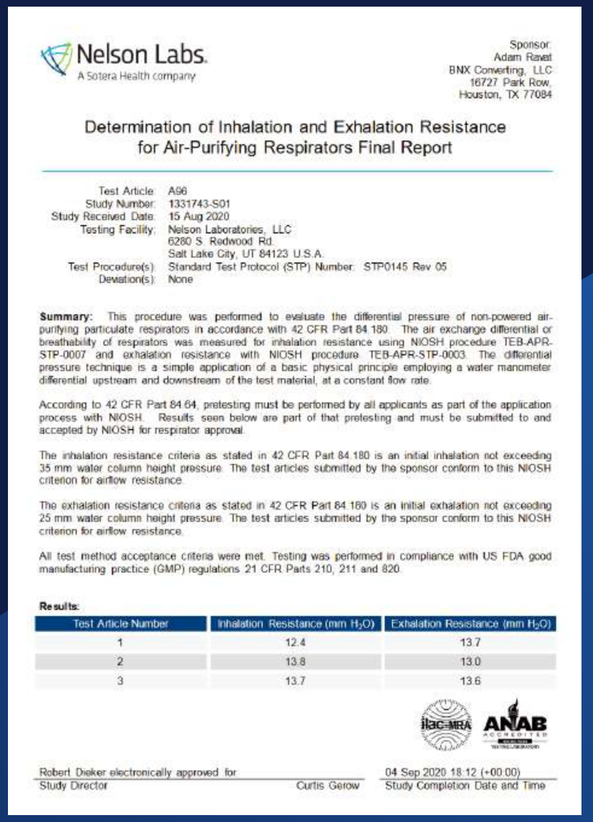
Study Number 1332300-S01
Sodium Chloride (NaCl) Aerosol Test Final Report

**Results:** The NIOSH N95 filter efficiency as stated in 42 CFR Part 84.181 is a minimum efficiency for each filter of ≥95% (≤5% penetration). The test articles submitted by the sponsor conform to the NIOSH N95 criteria for filter efficiency.

| Test Article Number | Corrected[a] Airflow Resistance (mm $H_2O$) | Particle Penetration (%) | Filtration Efficiency (%) |
|---|---|---|---|
| 1 | 17.1 | 0.779 | 99.221 |
| 2 | 18.1 | 1.52 | 98.48 |
| 3 | 17.3 | 3.16 | 96.84 |
| 4 | 17.2 | 0.629 | 99.371 |
| 5 | 17.3 | 1.76 | 98.24 |
| 6 | 17.4 | 2.04 | 97.96 |
| 7 | 17.2 | 3.61 | 96.39 |
| 8 | 17.3 | 1.73 | 98.27 |
| 9 | 17.6 | 1.69 | 98.31 |
| 10 | 17.9 | 0.418 | 99.582 |
| 11 | 17.7 | 0.584 | 99.416 |
| 12 | 19.1 | 0.490 | 99.510 |
| 13 | 18.3 | 0.528 | 99.472 |
| 14 | 17.5 | 0.799 | 99.201 |
| 15 | 17.5 | 0.383 | 99.617 |
| 16 | 18.4 | 0.581 | 99.419 |
| 17 | 17.8 | 0.380 | 99.620 |
| 18 | 18.1 | 0.298 | 99.702 |
| 19 | 16.6 | 0.478 | 99.522 |
| 20 | 17.5 | 0.898 | 99.102 |

[a] The final airflow resistance value for each test article was determined by subtracting out the background resistance from the system.

## Filtration Report



Nelson Labs
A Sotera Health company

Sponsor:
Adam Ravet
BNX Converting, LLC
16727 Park Row,
Houston, TX 77084

### Determination of Inhalation and Exhalation Resistance for Air-Purifying Respirators Final Report

Test Article: A96
Study Number: 1331743-S01
Study Received Date: 15 Aug 2020
Testing Facility: Nelson Laboratories, LLC
6280 S. Redwood Rd.
Salt Lake City, UT 84123 U.S.A.
Test Procedure(s): Standard Test Protocol (STP) Number: STP0145 Rev 05
Deviation(s): None

**Summary:** This procedure was performed to evaluate the differential pressure of non-powered air-purifying particulate respirators in accordance with 42 CFR Part 84.180. The air exchange differential or breathability of respirators was measured for inhalation resistance using NIOSH procedure TEB-APR-STP-0007 and exhalation resistance with NIOSH procedure TEB-APR-STP-0003. The differential pressure technique is a simple application of a basic physical principle employing a water manometer differential upstream and downstream of the test material, at a constant flow rate.

According to 42 CFR Part 84.64, pretesting must be performed by all applicants as part of the application process with NIOSH. Results seen below are part of that pretesting and must be submitted to and accepted by NIOSH for respirator approval.

The inhalation resistance criteria as stated in 42 CFR Part 84.180 is an initial inhalation not exceeding 35 mm water column height pressure. The test articles submitted by the sponsor conform to this NIOSH criterion for airflow resistance.

The exhalation resistance criteria as stated in 42 CFR Part 84.180 is an initial exhalation not exceeding 25 mm water column height pressure. The test articles submitted by the sponsor conform to this NIOSH criterion for airflow resistance.

All test method acceptance criteria were met. Testing was performed in compliance with US FDA good manufacturing practice (GMP) regulations 21 CFR Parts 210, 211 and 820.

**Results:**

| Test Article Number | Inhalation Resistance (mm $H_2O$) | Exhalation Resistance (mm $H_2O$) |
|---|---|---|
| 1 | 12.4 | 13.7 |
| 2 | 13.8 | 13.0 |
| 3 | 13.7 | 13.6 |

Robert Dieker electronically approved for
Study Director — Curtis Gerow

04 Sep 2020 18:12 (+00:00)
Study Completion Date and Time

## Inhalation Exhalation Report

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NIOSH-Approved - see insert

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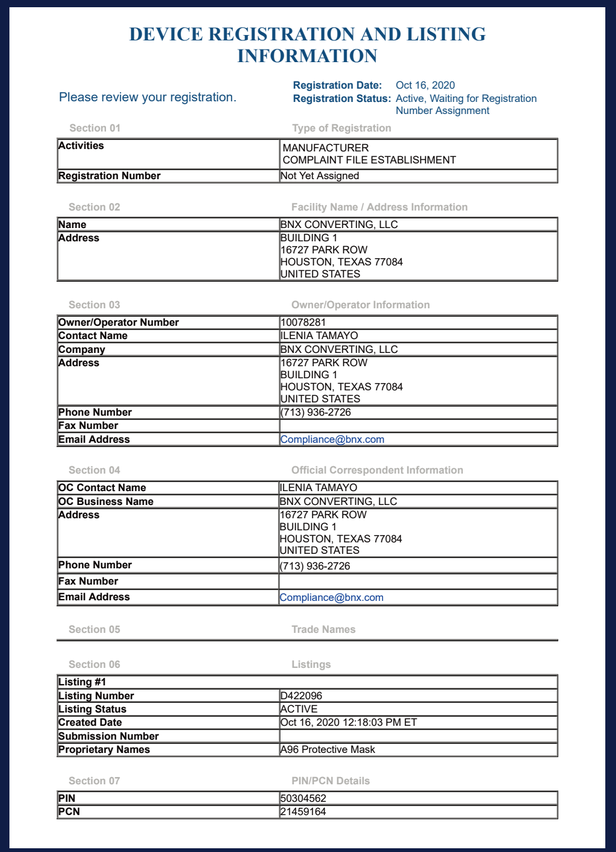

DEVICE REGISTRATION AND LISTING INFORMATION

Please review your registration.

**Registration Date:** Oct 16, 2020
**Registration Status:** Active, Waiting for Registration Number Assignment

Section 01 — Type of Registration

| | |
|---|---|
| **Activities** | MANUFACTURER<br>COMPLAINT FILE ESTABLISHMENT |
| **Registration Number** | Not Yet Assigned |

Section 02 — Facility Name / Address Information

| | |
|---|---|
| **Name** | BNX CONVERTING, LLC |
| **Address** | BUILDING 1<br>16727 PARK ROW<br>HOUSTON, TEXAS 77084<br>UNITED STATES |

Section 03 — Owner/Operator Information

| | |
|---|---|
| **Owner/Operator Number** | 10078281 |
| **Contact Name** | ILENIA TAMAYO |
| **Company** | BNX CONVERTING, LLC |
| **Address** | 16727 PARK ROW<br>BUILDING 1<br>HOUSTON, TEXAS 77084<br>UNITED STATES |
| **Phone Number** | (713) 936-2726 |
| **Fax Number** | |
| **Email Address** | Compliance@bnx.com |

Section 04 — Official Correspondent Information

| | |
|---|---|
| **OC Contact Name** | ILENIA TAMAYO |
| **OC Business Name** | BNX CONVERTING, LLC |
| **Address** | 16727 PARK ROW<br>BUILDING 1<br>HOUSTON, TEXAS 77084<br>UNITED STATES |
| **Phone Number** | (713) 936-2726 |
| **Fax Number** | |
| **Email Address** | Compliance@bnx.com |

Section 05 — Trade Names

Section 06 — Listings

| | |
|---|---|
| **Listing #1** | |
| **Listing Number** | D422096 |
| **Listing Status** | ACTIVE |
| **Created Date** | Oct 16, 2020 12:18:03 PM ET |
| **Submission Number** | |
| **Proprietary Names** | A96 Protective Mask |

Section 07 — PIN/PCN Details

| | |
|---|---|
| **PIN** | 50304562 |
| **PCN** | 21459164 |

## FDA Establishment Registration

CNAS No.002 FCL TESTING
佛山中纺联检验技术服务有限公司
CNTAC Testing Service Co.,Ltd.(Foshan)

| Testing Report | Security website: www.fcl-sz.org.cn<br>Security code: 6245716545 |
|---|---|
| Report No: ZFLJ2642376A | Page 1 of 8 |

**Applicant Information**

Applicant Name : BNX CONVERTING,LLC.
Applicant Address : 16727 Park Row Houston TX 77084 USA
Manufacturer : BNX CONVERTING,LLC.

**Sample Information**

Sample Description : A96 Duckbill mask
Style No. : A96
Brand : BNX Converting LLC
Sample Quantity : 65 pieces
Size specification : 240mmX95mm
Material Components : 6 layers 1. 50gsm spunbond pp 2. 25gsm meltblown 3. 26gsm meltblown 4.15gsm spunbond pp 5. 25gsm skin friendly (hydrophilic) nonwoven 6. 25gsm skin friendly (hydrophilic) nonwoven

- Sample Receiving Date : 2020-08-14
- Report Date : 2020-08-26
- The original sample is sticked on the last paper.

**Test Performed**

Judgement according to:
GB 2626-2019 Respiratory protection— Non-powered air-purifying particle respirator .
- Selected test(s) as requested by applicants. For details, refer to attached page(s).

**Pronounce**

The results shown in this report refer only to sample(s) tested unless otherwise stated.
All the items are performed in the standard conditions, except the noted cases.
Except for the requirement of the client, the test results and the conformity judgement of this report do not take the uncertainty of the test results into account.

Signed for and on behalf of
**CNTAC Testing Service Co.,Ltd.(Foshan)**
Approved by

广东省佛山市南海区西樵镇南方技术创新中心一、三、四楼 1,3&4F., Nanfang Technology Innovation Center, Xiqiao,Nanhai District, Foshan,Guangdong, China
Tel: (86 757)86856633/86896656 Fax: 86859633 Http://www.fcl.org.cn
若对检测报告有异议，应于收到报告之日起 15 日内向检测单位提出，逾期不予受理。

## CNTAC KN95 Test Report

# Certifications

Watch Video

#bnxmadeinusa

National Institute for Occupational Safety and Health
NIOSH
NIOSH-Approved - see insert

Nelson Labs™
A Sotera Health company

FDA Registered | CNTAC
FDA Registration #: 3017489417

OEKO-TEX®
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HOHENSTEIN Textile Testing Institute GmbH & Co. KG
Schlosssteige 1, 74357 Bönnigheim, Germany

OEKO-TEX®
CONFIDENCE IN TEXTILES

CERTIFICATE

The company

BNX Converting LLC
16727 Park Row
Houston, TX - 77084, UNITED STATES

is granted authorisation according to STANDARD 100 by OEKO-TEX® to use the STANDARD 100 by OEKO-TEX® mark, based on our test report 21.0.74590

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100
21.HUS.74590 HOHENSTEIN HTTI
Tested for harmful substances
www.oeko-tex.com/standard100

for the following articles:

Respiratory masks produced from nonwoven fabric made of 100 % polypropylene in white, pink, teal and black; including accessories (elastic tape, metal and plastic wire, pad print in black).

The results of the inspection made according to STANDARD 100 by OEKO-TEX®, Annex 4, product class II have shown that the above mentioned goods meet the human-ecological requirements of the STANDARD 100 by OEKO-TEX® presently established in Annex 4 for products with direct contact to skin.

The certified articles fulfil requirements of Annex XVII of REACH (incl. the use of azo colourants, nickel release, etc.), the American requirement regarding total content of lead in children's articles (CPSIA; with the exception of accessories made from glass) and of the Chinese standard GB 18401:2010 (labelling requirements were not verified).

The holder of the certificate, who has issued a conformity declaration according to ISO 17050-1, is under an obligation to use the STANDARD 100 by OEKO-TEX® mark only in conjunction with products that conform with the sample initially tested. The conformity is verified by audits.

The certificate 21.HUS.74590 is valid until 31.10.2022

Boennigheim, 01.10.2021

Dipl.-Ing. (FH) Yvonne Schramm
Head of Certification Body OEKO-TEX®

OEKO-TEX® Association | Genferstrasse 23 | P.O. Box 2006 | CH-8027 Zurich

OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100
21.HUS.74590 HOHENSTEIN HTTI

BNX CONVERTING


16727 Park Row Houston, TX 77084-5020
Phone: +1 713 936 2726 / +1 315 790 0466
Email: sales@bnx.com

For more information go to **www.BNX.com**

MADE IN USA
MADE IN USA FROM GLOBALLY SOURCED COMPONENTS

National Institute for Occupational Safety and Health
NIOSH
NIOSH-Approved - see insert

FDA
Registered
FDA Registration #: 3017489417

KN95
GB2626-2019

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