



The Safety Company

1000 Cranberry Woods Drive,
Cranberry Township, PA 16066

MSA Declaration of Conformity

In Accordance with ANSI/ISEA 125-2014
IAC-36-001 - Z04 Rev 2

Statement of Conformity: MSA declares that the
Cairns® N5A New Yorker™ Leather Fire Helmet
is in conformity with the requirements of
OSHA 1910.156

Product Code	Model / Part Numbers Covered
IAC-36-001	10175107, 10175108, 10175109, ATO B-LTH-3*

ANSI/ISEA 125-2014 conformity assessment method: Level 1 Level 2

For Level 2, information about ISO 17025-accredited facility in which the product was tested:

The test facility is an independent 3rd Party ISO 17025-accredited facility
ISO Accrediting Agencies:

The test facility is owned or partially owned by an entity within supplier's corporate structure,
or within the manufacturing stream for this product, including subcontractors and sub-
suppliers.

<u>Report</u>	<u>Test Facility Used:</u>	<u>Test Facility Document #</u>
<u>1</u>	<u>MSA</u>	N5A helmet to OSHA 1910.156 11-11-21
<u>2</u>	<u>MSA</u>	N5A Painted leather helmets set AN 2-17-22
<u>3</u>	<u>MSA</u>	N5A with Angelus black paint test results - 9-12-22

For additional information about this product(s), please contact MSA Customer Service at 1-800-MSA-2222. When requesting information, please reference model number(s).

Brooke Conroy

Brooke Conroy (Sep 27, 2022 11:16 EDT)

Sep 27, 2022

QA Rep: Brooke Conroy

Date: MM/DD/YYYY

Performance Details
Revision 2

Report	Standard and Product Requirements	Acceptance Criteria	Pass / Fail
1	OSHA 1910 156(e)(5)(i), model performance criteria for structural firefighter's helmets (1977), Impact Acceleration Resistance Cold (-32°C) Wet Radiant Ambient	Acceleration 19.6 +/- 0.7 ft /sec Max Value = 150Gn Top, 400Gn Front, Sides, Back	Pass
1	OSHA 1910 156(e)(5)(i), model performance criteria for structural firefighter's helmets (1977), Penetration Drop Height Ambient Hot (212°F)	Height of 250cm with 1kg, 60° Striker	Pass
1	OSHA 1910 156(e)(5)(i), model performance criteria for structural firefighter's helmets (1977), Chinstrap/Retention System Ambient	100N 30sec preload, 550N 3min total load	Pass
1	OSHA 1910 156(e)(5)(i), model performance criteria for structural firefighter's helmets (1977), Radiant Flame (1977)	1 min soak at 0.6W/cm ² then 15sec burn with no afterburn >5sec	Pass
1	OSHA 1910 156(e)(5)(i), model performance criteria for structural firefighter's helmets (1977), Heat Resistance	482°F for 3 min max 3 1" on back side and 1 6" on front and sides	Pass
1	OSHA 1910 156(e)(5)(i), model performance criteria for structural firefighter's helmets (1977), Electrical Resistance Procedure A	Inverted helmet 2200 volts for 3 min, max 3mA	Pass
2	OSHA 1910 156(e)(5)(i), model performance criteria for structural firefighter's helmets (1977), Radiant Flame (1977)	1 min soak at 0.6W/cm ² then 15sec burn with no afterburn >5sec	Pass
3	OSHA 1910 156(e)(5)(i), model performance criteria for structural firefighter's helmets (1977), Radiant Flame (1977)	1 min soak at 0.6W/cm ² then 15sec burn with no afterburn >5sec	Pass
3	OSHA 1910 156(e)(5)(i), model performance criteria for structural firefighter's helmets (1977), Heat Resistance	482°F for 3 min max 3 1" on back side and 1 6" on front and sides	Pass
3	OSHA 1910 156(e)(5)(i), model performance criteria for structural firefighter's helmets (1977), Electrical Resistance Procedure A	Inverted helmet 2200 volts for 3 min, max 3mA	Pass