



SAFETY HELMET INSTRUCTIONS FOR USE

ANSI Z89.1 – TYPE I – CLASS C (VENTED)

Product Information:

Product Name : SAFETYWARE Guardian HD™ Industrial Safety Helmet
Helmet Type : Vented
Classification : Type I – Class C
Standard : ANSI/ISEA Z89.1-2014 (R2019)
Application : Industrial head protection (Non-electrical use)

INTRODUCTION

The SAFETYWARE Guardian HD™ Industrial Safety Helmet is designed to provide impact protection to the top of the head (Type I) against falling or flying objects in industrial environments.

This helmet complies with ANSI/ISEA Z89.1-2014 (R2019), Type I, Class C, and is intended for non-electrical applications only.



This is a vented helmet and DOES NOT provide electrical insulation.

IMPORTANT SAFETY INFORMATION

- Read and understand these instructions before use.
- Failure to follow instructions may result in serious injury or death.
- Do not modify the helmet or suspension system.
- Use only original or approved replacement parts.

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LIMITATION OF USE – CLASS C (CRITICAL)



WARNING – NO ELECTRICAL PROTECTION

This helmet is classified as Class C (Conductive):

- ✗ Does NOT provide electrical insulation
- ✗ Do NOT use near live electrical conductors
- ✗ Do NOT rely on this helmet for electrical hazard protection

For electrical hazard environments, **Class E helmets must be used.**

IMPORTANT SAFETY INFORMATION

Suspension Installation

1. Turn the helmet shell upside down.
2. Insert suspension tabs into the corresponding slots inside the shell.
3. Ensure all tabs are fully secured.
4. Confirm brow pad is positioned at the front.

Size Adjustment (Ratchet Suspension)

1. Turn the ratchet knob counter-clockwise to loosen.
2. Place helmet on the head.
3. Turn the ratchet knob clockwise until snug and comfortable.
4. Do not over-tighten.
5. Helmet should sit level and stable.

Suspension Height Adjustment

Suspension height can be adjusted to improve comfort and fit by repositioning the height pegs into the appropriate slots.

PROPER FIT CHECK

- Helmet sits level on the head
- Adequate clearance between shell and head
- Helmet remains stable during head movement

If proper fit cannot be achieved, **do not use the helmet.**

INSPECTION BEFORE USE

Inspect the helmet before each use for

- Cracks, dents, deformation, or brittleness
- Damaged or worn suspension
- Loose or missing components
- Signs of UV or chemical degradation



Replace immediately if any defect is found.

IMPACT AND DAMAGE POLICY

- Replace the helmet **immediately after any impact**, even if no damage is visible.
- Impact may reduce protection without obvious signs.

CLEANING AND MAINTENANCE

- Clean using mild detergent and lukewarm water.
- Air dry naturally.
- Do NOT use solvents, thinners, fuels, paints, or adhesives.

STORAGE

- Store in a cool, dry, and well-ventilated area.
- Keep away from direct sunlight, heat, and UV exposure.
- Avoid contact with chemicals, fuels, oils, paints, and corrosive substances.
- Do not place heavy objects on top of the helmet.
- Use proper packaging during storage and transport.



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USE LIFE AND REPLACEMENT GUIDANCE

Helmet Shell

- For **daily outdoor use**, replacement is recommended after **2 years of use**.
- For **indoor or occasional use**, the helmet may be used for up to **30 months from date of manufacture**, provided:
 - Proper storage
 - Regular inspection
 - No damage or degradation observed

Suspension System

- Inspect regularly.
- Replacement is recommended within 12 months of use, or earlier if:
 - Worn, frayed, cracked
 - Adjustment mechanism fails
 - Fit and stability cannot be maintained

Immediate Replacement Required If:

- Helmet sustains any impact
- Visible damage or deterioration is observed
- Helmet no longer fits securely
- Suspension system is damaged

Prohibited Use

- Not for electrical insulation
- Not for sports or vehicle use
- Do not drill, modify, or alter the helmet
- Do not place objects between shell and suspension

FINAL WARNING

Failure to follow these instructions may result in serious injury or death.

Manufactured For:

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