ANSI Z359.1-2007 Frequently Asked Questions

INTRODUCTION

The American Society of Safety Engineers acknowledges that falls remain the leading cause of on-the-job injuries and fatalities. The new ANSI/ASSE (American National Standard/American Society of Safety Engineers) Code of consensus standards provides organizations with a comprehensive resource for protecting workers at height.

Q: What is a consensus standard, in particular, ANSI Z359-2007?
A: The new ANSI Z359-2007 family of standards is a ***voluntary*** consensus standard and is not a law. The legal requirements for protection against falls from heights are established by applicable regulatory bodies governing occupational safety. OSHA laws and government standards are always mandatory.

Q: What has changed in ANSI Z359 -2007?
A: The new ANSI Z359 -2007 Code includes the following:

- ANSI/ASSE Z359.0-2007: Definitions and Nomenclature Used for Fall Protection and Fall Arrest
- **ANSI/ASSE Z359.1-2007: Safety Requirements for Personal Fall Arrest Systems, Subsystems and Components**

  Section 3.2.1.4 [for snap hooks & carabiners]:
  - **Withstand a minimum gate load of 3600 lbs [up from 220lbs]**
  - **Withstand a minimum side of gate load of 3600 lbs [up from 350 lbs]**
  - **Withstand a minimum minor axis load of 3600 lbs against the gate of a non-captive eye snap hook or carabiner**
  - **Withstand a minimum tensile load of 5000 lbs. [no change]**

Gate Face Test

Side Load Test

Minor Axis Test

- ANSI/ASSE Z359.2-2007: Minimum Requirements for a Comprehensive Managed Fall Protection Program
- ANSI/ASSE Z359.3-2007: Safety Requirements for Positioning and Travel Restraint Systems
- ANSI/ASSE Z359.4-2007: Safety Requirements for Assisted Rescue and Self-Rescue Systems, Sub systems and Components.

Q: When does ANSI Z359 -2007 take effect?
A: November 24, 2007.

Q: What about snap hooks and carabiners in use prior to November 24, 2007?
A: Products labeled ANSI Z359.1 and in use prior to November 24, 2007 ***are in compliance*** with the Z359 standard under which they were manufactured, labeled and shipped.

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Q: What should a user do to comply with the new consensus ANSI Z359.1 -2007 standard effective November 24, 2007?

A: If you choose to implement ANSI Z359.1-2007 on November 24, 2007 for your new Buckingham products, simply advise your sales representative or call our office direct at 800-937-BUCK [2825]. Remember, some products, such as pole straps and non-shock absorbing lanyards are not covered under Personal Fall Arrest Systems, Subsystems and Components.

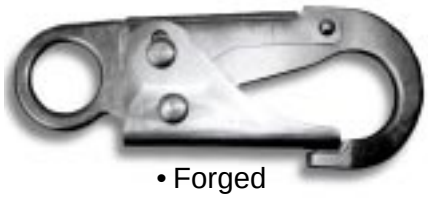
CONCLUSION

Buckingham products meeting ANSI Z359.1-2007 for 3600 lb. gated hardware will be identified by the '+Z' suffix on the part number as well as a product label that identifies adherence to the standard.

Part Number Examples:

SHOCK ABSORBING LANYARDS:	8VV116+Z
	84V716+Z
DUAL SHOCK ABSORBING LANYARD:	546116RDR+Z

New from Buckingham: 17061 Locking Snap Hook with 3600 lb. Gate Load



• Forged
• Proof loaded to 3,600 lb.

Buckingham, a personal protection equipment manufacturer and in compliance with the new **ANSI/ASSE Z359.1-2007 Section 3.2.1.4 Standard,** has developed the **17061** locking snap hook without sacrificing ease of use and functionality. Able to withstand a 5000 lb. tensile test and a 3600 lb. gate load test in all directions, this new snap has the same field proven design and operation as the popular 1706 locking snap hook.

Pricing for Buckingham products with 17061 snap hooks will be calculated based on the additional cost of the hardware. Call us today at 800-937-BUCK [2825] for more information regarding our ANSI Z359-2007 products.

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