

Buckingham

Has You Covered!

OSHA

New Sub Part V and 1910.269 Regulations



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OSHA's New Sub Part V and 1910.269 Regulations

OSHA FINAL RULE SUMMARY (In respect to PPE)

The Electrical Protective Equipment for Construction Regulation applies to all construction and maintenance in electrical power generation, transmission, and distribution work. That regulation also replaces the existing construction regulations incorporation of out-of-date consensus standards with a set of performance-oriented requirements that is consistent with the latest revisions of the relevant consensus standards.

Revised §1910.269 and Subpart V became effective on July 10, 2014. However, the compliance deadline for some provisions on fall protection, minimum approach distances, and arc-flash protection is April 1, 2015 and after as indicated below.

On and after April 1, 2015:

- Qualified workers must use fall protection when climbing or changing location on poles, towers, or similar structures unless climbing or changing location with fall protection is infeasible or creates a greater hazard (as proven by the employer) than climbing or changing location without it. Until May 31, 2015, no citation will be issued under 29 CFR 1910.269(g)(2)(iv)(C)(2) or (3) or 29 CFR 1926.954(b)(3)(iii)(B) or (C) for qualified workers climbing or changing location on poles, towers, or similar structures that do not need to use fall protection equipment unless conditions could cause the employee to lose his or her grip or footing, provided that they are in compliance with 1910.269(g)(2)(v) which was in effect on April 11, 2014.
- During work on concrete & steel poles, an employee may use work-positioning equipment to climb to the work location using step bolts located on the pole.
- Under 29 CFR 1910.269(g)(2)(ii) and 29 CFR 1926.954(b)(1)(ii), fall arrest equipment must be capable of passing a drop test after exposure to an electric arc with a heat energy of 40 ± 5 cal/cm² if the workers using the fall protection are exposed to flames or electric arc hazards.
- Each employee working from an aerial lift shall use a fall restraint system or a personal fall arrest system. For a fall restraint system the lanyard and anchor are arranged so that the employee is not exposed to falling any distance. Under (29 CFR 1910.269(g)(2)(iv)(C)(1)), from March 31 to December 31, 2015, no citations will be issued for line clearance tree trimming in an aerial lift, using a body belt & lanyard attached to a boom, if ACTIVELY testing the use of a fall restraint system on the same type of lifts. Actively means having coordinated with a manufacturer of a fall restraint system, testing of that equipment in the field, and training has been provided to those crews. (Note: The only line clearance tree trimming OSHA intended to cover under 29 CFR 1910.269 is line-clearance tree trimming performed: (1) for the purpose of clearing space around electric power generation, transmission, or distribution lines or equipment and (2) on behalf of an organization that operates/controls those lines/equipment.)
- As referenced in 29 CFR 1926.502(d)(16)(iii), a Personal Fall Arrest system, when stopping a fall, shall be rigged such that, an employee can neither free fall more than 6 ft. (1.8 meters) nor contact any lower level. OSHA has clarified that the agency does not treat tree branches or utility line conductors / cables as lower levels. Additionally, OSHA does not treat a tower leg, cross bracing, or lattice work of a type commonly found on a tower, a substation structure, or a similar structure as a lower level for purposes of assessing compliance with 29 CFR 1926.502(d)(16)(iii), as incorporated in 29 CFR 1910.269(g)(2)(iv)(B) and 29 CFR 1926.954(b)(3)(ii).

Until further notice, no citation will be issued (29 CFR 1910.269, 29 CFR Part 1926, Subpart V, or 29 CFR 1926.502(d)(16)(iii)):

- While the bucket is being ascended /descended if the fall arrest system is 29CFR 1926 Subpart M compliant, vehicle brakes are set & outriggers extended (29 CFR 1910.269(p)(2) and 29 CFR 1926.959(b)), and employer has taken necessary precautions against ejection hazards.
- For a fall arrest system being used in a bucket-type lift that could permit an employee to strike a structure in the event of a fall provided the fall arrest system is 29CFR 1926 Subpart M compliant, vehicle brakes are set & outriggers extended, employer has taken necessary precautions against ejection hazards, and employer can demonstrate that it is not possible to perform the work in compliance. OSHA suggests that workers use the shortest lanyard practicable during ascent, descent and when working over structures to maximize worker protection.
- For a fall arrest system being used on a tower which in the event of a fall, could allow a worker to strike a tower arm that is a lower level provided the fall arrest system is 29CFR 1926 Subpart M compliant, and employer can demonstrate that it is not possible to perform the work using a work position and compliant fall protection equipment that together would prevent the employee from striking the lower arm.

Buckingham has all the products you need to comply with the New OSHA Regulations. Create your own package! Pick your favorite SuperSqueeze, Secondary APL (Adjustable Positioning Lanyard), and Body Belt to keep you fall protected!

The SuperSqueeze™



BENEFITS & FEATURES

- Easy One Handed Brown Strap & Green Woven Strap Adjustment with the New Buck WebGrab™
- Same Adjustability as the Rope BuckGrab™ but on Web
- Modular Design for Easy Strap Change Out
- Can Easily Change Out Worn or Damaged Components or Straps in the Field
- Can Easily Be Configured to Use A Rope or Web Strap
- One Disconnect to Climb Over An Obstruction
- Can Be Configured for Right Handed or Left Handed Individuals

WATCH THE VIDEO



The SuperSqueeze™

GENERATE A CODE



The Configurator

- Outstanding Factory Support - Follow Up Training After The Sale
- Lightweight Design: Rope Model = 4.5 lbs & Web Model = 4.85 lbs
- Meets ASTM F887-13 Including Dry Pole, Wet Pole, Conduit & Iced Pole
- CSA AB Certified
- All Straps & Rope Have Red Warning Center
- 3600 lb. Gate Rated Hardware



Buck WebGrab™

Easiest Adjustment for the Circumference of the Pole and Distance from the Pole

The SuperSqueeze™ Configurator allows the user to generate a SuperSqueeze™ based on preference for the inner and outer strap size, inner strap material and the connectors. Visit our website at www.buckinghammfg.com and look for the SuperSqueeze™ Configurator button or scan the QR code to the left.



Model 488DWMS



Model 488R



Model 488DWMC



Model 488RQ4

MODEL NUMBER	DISTRIBUTION	TRANSMISSION	CARABINER/WEB	CARABINER/ROPE	SNAP/WEB	SNAP/ROPE	CSA (PREFIX C)*
488DWMS	✓				✓		
488TW2Q3		✓			✓		
488DWMC	✓		✓				
488TW2		✓	✓				
488RQ4	✓					✓	
488RTQ4		✓				✓	
488R	✓			✓			CSA
488RT		✓		✓			

More Configurations Available. Please visit www.buckinghammfg.com and click on the SuperSqueeze™ Configurator

Work Positioning

• On and after April 1, 2015, each qualified employee climbing or changing location on poles, towers, or similar structures must use fall protection equipment unless the employer can demonstrate that climbing or changing location with fall protection is infeasible or creates a greater hazard than climbing or changing location without it. [1926.954(b)(3)(iii)(c)]

Adjustable Positioning Lanyards (APL)



Model 9M7-8 - Buck EasyJust™ Lanyard

- Adjustable positioning lanyard (APL) with one handed length adjusting device (LAD)
- Can easily be lengthened without removing weight from lanyard
- Consists of 7/16" Kernmantle rope with red wear indicating core
- 24" SuperFabric™ wear guard and aluminum hardware
- Can also be used as a descent device in the event of an emergency
- 8' overall length
- Also available in 6', 7', 9' and 10' lengths

BuckAdjuster™ with All Aluminum Components and Super Fabric Model 9A4+R-8

- A fabric wear guard to protect the rope from excessive wear
- Rubber washer prevents wear guard from getting jammed in the LAD
- Ideal for use on towers or other steel structures



Model 48129W2Y - SuperStrap™

- Features the patent pending WebGrab™ for easy adjustment.
- Has all the benefits of web combined with the easy adjustment of rope.
- Designed for use as a primary positioning device or transitioning above/below obstructions.

Model 48129W2Y-6 - 6'

Model 48129W2Y-7 - 7'

Model 48129W2Y-8 - 8'

Model 48129W2Y-9 - 9'

All Buckingham Adjustable Positioning Lanyards (APL) are manufactured in accordance to ASTM F887-13 and meet OSHA Dielectric and Current Leakage requirements. Note: Adjustable Positioning Lanyards (APL) are not considered Fall Arrest, therefore are not required to meet the Arc Flash requirement in OSHA 1926.954(b)(1)(ii).

Body Belts

Buckingham Body Belts - Your Back will Thank You!



Model 20182M - Mobility™ Belt

- 4 Stack Dee rings
- Fully padded 9" high back wrapped in quality ultra-soft leather for that instant "broke in" feel
- Class 1 sizing



Model 20192M - Short Back Mobility Belt™

- 4 stacked Dee rings
- Fully padded 7.5" high back wrapped in quality ultra-soft leather for that instant "broke in" feel
- Class 1 sizing



Model 20193M - Lightweight Full Float Glove Leather Belt

- Quality ultra-soft leather for that instant "broke in" feel and flexibility right out of the box
- Fully padded 9" high back support
- Lined with quality ultra-soft leather
- Super soft padding
- Class 1 sizing
- Available in Black (BL) and Brown (BR)



Model 20122M - Ultra Soft Light Weight Full Float Body Belts

- Wrapped in quality ultra-soft leather for that instant "broke in" feel and flexibility right out of the box
- Offers superior comfort with extra padding
- Available in black (BL) only



Body Belts

NEW



Model 4300 - BuckLite LinePro™

- Lightweight version of the Buck Ergo™ Belt
- Designed to be worn the same as a traditional line belt
- Includes a lower seat section supporting the user around the buttocks (not thighs) when using the SuperSqueeze™ WPFRD
- Large upper and lower dee rings provides versatility when attaching a WPFRD and secondary lanyard
- Made from quality ultra-soft leather for that instant "broke in" feel
- Sized like a traditional line belt



Add on Gut Strap for 2 Dee Ring Belts

Have a Two Dee Ring Belt? Make it a Four Dee Ring Belt!

Model 4202 - Buck Ergo™ LineBacker

The Buck Ergo™ LineBacker turns a two dee ring body belt into a four dee ring belt with ergonomic comfort. Man Rated Connection Straps connect LineBacker to a two dee ring body belt using interlocking buckles. LineBacker features a permanent abdominal stabilizer strap, lumbar pad and an extra set of dee rings for climbing over obstructions. WPFR system, like the Supersqueeze™, connects to the lower dee rings for increased comfort while climbing.

For large dee rings order **Model 4202D1**.



Belt Size	Waist Size
Small	28-32
Medium	32-36
Large	36-40
X-Large	40-44

Model 6263 - Man Rated Gut Strap

This Man Rated Gut Strap turns a two dee ring body belt into a four dee ring belt and is completely adjustable for users comfort. Belt features 5000lb man rated connections, leather lined strap, and standard tongue buckle.



Belt Size	Waist Size
Small	28-32
Medium	32-36
Large	36-40
X-Large	40-44

Buckets & Aerial Lifts:

- Each employee working from an aerial lift shall use a fall restraint system or a personal fall arrest system. For a fall restraint system the lanyard and anchor are arranged so that the employee is not exposed to falling any distance.
- The Personal Fall Arrest system, when stopping a fall, shall be rigged such that an employee can neither free fall more than 6 ft. (1.8 meters) nor contact any lower level. [1926.954(b)(3)(iii)(a)]

BuckIt Restraint System

BuckIt™ Restraint with Dual Attachment

Model 126R

Buckingham has developed a bucket restraint system to address the concern of the OSHA compliance officers allowing a full body harness and 6 foot lanyard to fall from the basket and hit an object below. This unit keeps the user secure in the bucket, while allowing freedom to move and work. In the event of a flash, the BuckIt restraint system allows the user to duck to the inside of the bucket for safety.

System Concept:

- A 10,000 lb. rated nylon strap attached with a ratchet buckle and cotter pin that places the anchor point at the basket.
- Two attachment points that attach to a retrofit waist belt and harness dorsal attachment allows freedom of movement while working.
- In addition, an energy absorber is attached between the BuckIt™ Restraint strap and the anchor point on the boom. This unique feature will keep the operator, the basket and the boom from hitting the ground in the event of a catastrophic separation of the bucket from the boom.
- Anchor point attachment strap is independent of the webbing around the basket, and serves as a backup in the event of a failure during a basket/boom separation.



Dual BuckIt™ Restraint System Model 126DR



BuckIt™ Restraint System Model 126R



Attachment Back to Anchor



Allows user freedom of movement to complete work.



User can turn 180 degrees in the Bucket.



In the event of a flash, user can duck into the bucket for safety.

Buckets & Aerial Lifts: ON OR AFTER APRIL 1, 2015

• Personal Fall Arrest equipment used by employees who are exposed to hazards from flames or electrical arcs, as determined by the employer, shall be capable of passing a drop test equivalent to that required by paragraph (b)(2)(xii) of this section after exposure to an electrical arc with heat energy of $40 \pm 5 \text{ cal/cm}^2$. [1926.954(b)(1)(ii)]

Harnesses



'X' Style BuckFit™ Harness

Model 603P8C500CK1

- A Kevlar® mesh shell that is designed to “breathe”
- Foam padded shoulder and leg pads for added overall comfort
- Sternal web loop attachment point
- Patented Quick Connect Buckles with leather chafes on the leg straps
- 18" [45.7cm] dorsal pigtail with small dee ring
- Made from nylon webbing with silver upper and black lower sections
- Meets ASTM F887 Electric Arc Performance Requirements and ANSI Z359.11-14 standards



'H' Style Mini BuckFit™ Harness

Model 6398C700K3

- A web loop dorsal attachment
- Hook & loop chest strap
- Quick connect buckles with leather chafes at leg straps
- Designed with foam padded shoulder and leg pads for added overall comfort
- Made from nylon webbing with silver upper and black lower sections
- Meets ASTM F887 Electric Arc Performance Requirements and ANSI Z359.11-14 standards



'X' Style Mini BuckFit™ Harness

Model 603P8C500CK3

- Features an 18" dorsal pigtail with a small dee dorsal attachment
- Sternal web loop attachment point
- Quick connect buckles with leather chafes
- Designed with foam padded shoulder and leg pads for added overall comfort
- Made from nylon webbing with silver upper and black lower sections
- Meets ASTM F887 Electric Arc Performance Requirements and ANSI Z359.11-14 standards



Indicates meets ASTM F887 and OSHA Electric Arc Performance Requirements.

Harnesses



'H' style full body Harness

Model 6398C700

- Minimal amount of metal above the waist
- Leg straps with the patented Quick Connect Buckles and leather chafes
- Web loop or steel dee dorsal attachment
- Friction buckles mounted on vertical shoulder strap for height adjustment
- Meets ASTM F887 Electric Arc Performance Requirements and ANSI Z359.11-14 standards



'X' Style Full Body Harness

Model 603E3700R3

- Interlocking torso & leg strap buckles
- Web loop dorsal attachment
- Fully adjustable interlocking torso buckles for height adjustment
- Reinforced web front loop that can be used for rescue or rope/cable grab
- Made from nylon webbing with red upper and black lower sections
- No chafes behind buckles
- Meets ASTM F887 Electric Arc Performance Requirements and ANSI Z359.11-14 standards



'H' Style Full Body Buckfit™ Harness

Model 637G8C500CK1

- A Kevlar® mesh shell that is designed to "breathe"
- Foam padded shoulder and leg pads for added overall comfort
- Patented Quick Connect Buckles with leather chafes on the leg straps
- 18" [45.7cm] dorsal pigtail with small dee ring to attach a 4 1/2' [1.37m] energy absorbing lanyard
- Spring loaded friction buckles for height adjustment
- Made from nylon webbing with silver upper and black lower sections
- Meets ASTM F887 Electric Arc Performance Requirements and ANSI Z359.11-14 standards



Indicates meets ASTM F887 and OSHA Electric Arc Performance Requirements.

Energy Absorbing Lanyards



Model 8VV114.5 - Buckyard™ Energy Absorbing Lanyard

- For full body harness with steel ring dorsal attachment.
 - Expands to 48".
 - Reduces average arresting force to less than 900 lbs.
 - Features locking snap hook on both ends.
 - Length 4.5'.
 - Meets ANSI Z359.13-2013 and features a 3600 lb. gate, ASTM F887 and OSHA Electric Arc Performance Requirements.
- For harnesses with a web loop attachment, order Model 84V116S1+Z for lanyard with web loop on one end and snap hook on the other.
- See chart for additional lengths.

For Full Body Harness w/ Steel Ring Dorsal Attachment	For Full Body Harness w/ Web Loop Dorsal Attachment	
Model	Model	Length
8VV114S1+Z	84V114S1+Z	4'
8VV114.5S1+Z	84V114.5S1+Z	4.5'
8VV115S1+Z	84V115S1+Z	5'
8VV116S1+Z	84V116S1+Z	6'



BuckYard™ Stretch Energy Absorbing Lanyard - Model 8VV714.5

- Same benefits of the Buckyard™ but with the addition of an elastic core, reducing the length of a lanyard to greatly reduce trip hazards.
 - Features a locking snap hook on both ends.
 - Length 4.5'.
 - Meets ANSI Z359.13-2013 and features a 3600 lb. gate, ASTM F887 and OSHA Electric Arc Performance Requirements.
- For harnesses with a web loop attachment, order Model 84V716S1+Z for lanyard with web loop on one end and snap hook on the other.
- See chart for additional lengths.

For Full Body Harness w/ Steel Ring Dorsal Attachment	For Full Body Harness w/ Web Loop Dorsal Attachment	
Model	Model	Length
8VV714S1+Z	84V714S1+Z	4'
8VV714.5S1+Z	84V714.5S1+Z	4.5'
8VV715S1+Z	84V715S1+Z	5'
8VV716S1+Z	84V716S1+Z	6'



Buck Arrest™ Energy Absorbing Lanyard - Model 64V116S2+Z

- For full body harness w/web dorsal loop attachment.
 - 16" shock pack covered by an arc resistant tube.
 - Lanyard is a fixed length made from woven nylon with a locking snap hook on one end and web loop on the other end.
 - Length 6'. (Additional configurations available)
 - Meets ANSI Z359.13-2013 and features a 3600 lb. gate, ASTM F887 and OSHA Electric Arc Performance Requirements.
- For harnesses with a Steel Ring Dorsal Attachment, order Model 6VV116S2+Z for lanyard with snap hooks on both ends.



Indicates meets ASTM F887 and OSHA Electric Arc Performance Requirements.



Indicates meets gate strength requirement in ANSI Z359.12

Tower Fall Protection:

- From ground to ground, no one offers a wider variety of safety equipment to keep you 100% fall protected on towers and structures.

First Man Up Systems

Buckingham offers a variety of First Man Up Systems to allow the first man to get up the structure efficiently and 100% Fall Protected. Systems include Dual Lanyards, including the versatile ComboYard™, the *NEW* StepClimb™ Lanyard, and the BuckHook™.



Second Man Climbing

Once the first man reaches the highest working point on the structure they can set a vertical lifeline to get the rest of the crew up the tower quickly and 100% Fall Protected. Buckingham has created a unique Tower Vertical Lifeline kit with everything needed to install and ascend the lifeline. Kit even includes special redirect slings to position the lifeline so it conforms to the shape of the structure.



Working / Traversing

While working or traversing a structure, Buckingham offers a variety of options such as the lightweight and easy to adjust BuckAdjuster™ and SuperStrap™ to allow the user to move and transition easily while remaining 100% fall protected.



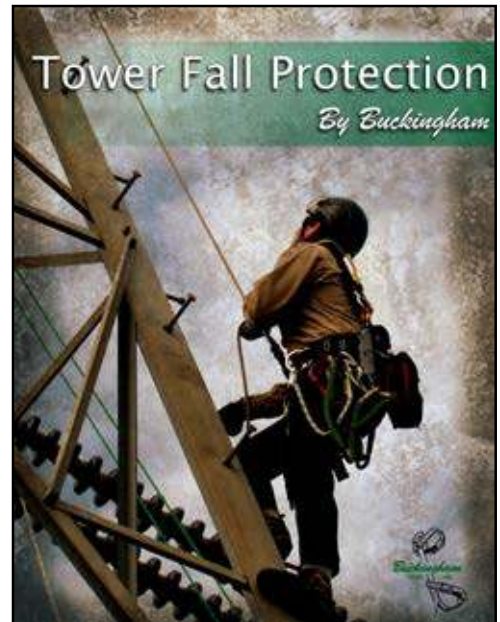
Rescue

Buckingham has developed a variety of self rescue and assisted rescue systems to ensure the quick and easy rescue of an injured worker including the 301SR Compact Self Rescue system and the 108 Tower Rescue Kit that redirects an injured worker away from the structure.





For a complete list of Buckingham products, visit our website or request a full line General Catalog.



To receive information on our Tower Fall Protection products, request a copy of our Tower Brochure



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