

PROTECT YOUR EMPLOYEES FLAME RESISTANT CLOTHING



CINTAS



Electric Arc
Flash



Flash Fire



Molten Metal
Splash

BE SAFE & COMPLIANT

Cintas is the largest provider of managed flame resistant clothing programs. Over half a million wearers choose their flame resistant clothing (FRC) program from Cintas — making Cintas the most trusted source for FRC apparel in North America. With unparalleled service and diverse options, Cintas offers FRC products from manufacturers who engineer them to be more durable, more comfortable and lighter than any other garments of their type.



HAZARDS ASSESSMENT

OSHA regulations require employers to provide their employees with personal protective equipment (PPE) in certain work environments to reduce employee exposure to hazards.

For example, do your employees or contracted workers...



work on or near electricity or energized parts?



work with flammable liquids or gases?



weld or come into contact with molten metals?

If you answered 'Yes' to any of these, you should consult with a safety professional to determine whether a protective apparel program may be required.

As an employer, it is your responsibility to comply with industry standards and OSHA regulations to protect your employees from hazards they may encounter. Failure to comply can leave your business liable and you may face the risk of litigation and government fines. Cintas can provide your employees with PPE and design a laundry service program to fit your company's needs as determined by you.

ELECTRIC ARC FLASH



2,000

Arc flash sends 2,000 people to burn centers each year

FOURTH

Electrical injuries in general ranked fourth in workplace fatalities

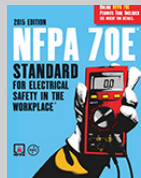
<600v

Most of these fatalities occurred when working with less than 600 volts



Electrical safety is one of the most overlooked work hazards employees face, with electric arc flash being the most prevalent risk when working around energized parts.

Electric arc flash is a dangerous explosion caused by an electrical fault.



NFPA 70E is an industry standard which outlines how to properly protect your employees and create a safe working environment, as well as help your company comply with government regulations.

NFPA 70E applies to all personnel working on energized equipment greater than 50 volts or equipment that could produce an arc flash – which means virtually every industry has employees at risk.

SIMPLIFIED TWO-CATEGORY FLAME RESISTANT CLOTHING SYSTEM



CATEGORY 2 REQUIRED PPE

Also fulfills NFPA 70E
requirement of Level 1

✓	Safety glasses or goggles	✓
✓	Hearing protection (inserts)	✓
✓	Insulated rubber gloves with leather protectors	✓
✓	EH heavy-duty leather footwear	✓
✓	Arc rated long sleeve shirt/coverall (8.0 ATPV or higher)	✓
✓	Arc rated long pants/coverall (8.0 ATPV or higher)	✓
✓	Hard hat with Arc rated face shield and balaclava	✓
	Arc rated coveralls	✓
	Arc rated (40 cal) Arc Flash suit jacket	✓
	Arc rated (40 cal) Arc Flash suit pants	✓
	Arc rated (40 cal) Arc Flash suit hood	✓

CATEGORY 4 REQUIRED PPE

Also fulfills NFPA 70E
requirement of Level 3



FLASH FIRE



16%

Fire and explosions are responsible for 16% of fatalities in oil fields

3 SECONDS

NFPA defines a Flash Fire as 3 seconds or less



Flash fire is an intense flame that erupts without warning and spreads rapidly through a diffuse fuel, like gas or vapors of an ignitable liquid, over a matter of seconds.

Combustible dust is a concentration of airborne particles in a closed area which can be ignited by a spark or even static electricity.



OSHA enforces policy 29 CFR 1910.132(a), the general industry standard for Personal Protective Equipment (PPE), clarifying its position for the failure to provide and use Flame Resistant Clothing (FRC) in oil and gas well drilling, servicing and production-related operations.



NFPA 2112 is the Standard on Flame-Resistant Garments For Protection of Industrial Personnel Against Flash Fire. This standard provides minimum requirements for the design, construction, evaluation and certification of flame-resistant garments. The NFPA 2113 standard specifies the minimum selection, care, use and maintenance requirements for FR garments.

MOLTEN METAL SPLASH



Molten metal splash commonly occurs when moisture or wet materials are introduced causing the metal to explode violently and throw dangerous molten metal into the air.

3,000°F

Molten metal can reach temperatures up to 3,000°F and above causing severe injury or death

Failure to provide personal protective equipment designed for molten metal splash hazard is a serious infraction of OSHA standard 29 CFR 1910.132, the Occupational Safety and Health Act of 1970, and other regulations which can lead to convictions and fines.



MANAGING YOUR FRC PROGRAM



Partnering with Cintas for your flame resistant clothing options delivers you three key benefits: **comfort**, **convenience** and **care**.

COMFORT

We offer a full line of retail inspired protective apparel from the best brands and fabrics. We individually fit uniforms for each employee to ensure the right look and fit.

CONVENIENCE

We save you time with weekly route services to collect soiled garments and return them after being professionally laundered according to industry best practices.

CARE

We comply with industry best practices regarding the proper laundering, repair and replacement of flame resistant clothing.

With the help of your employees, Cintas will work with your company to ensure compliance with these industry best practices to protect your employees.

Advantages of a managed industrial laundry program:

Proper Laundering

Using appropriate water temperatures, water softness and chemical formulas.

Weekly inspection and repair

Searching garments for holes, missing buttons and broken zippers and repairing with FR materials.

Proactive replacement

Retiring garments from service.





A TAILORED PROGRAM TO MEET YOUR NEEDS

Once you have identified the appropriate PPE for your employees, you can choose a rental, lease or purchase program based on your workforce and budget.

RESPONSIBILITIES	RENT	LEASE	PURCHASE
Weekly Laundering	Cintas	Employee	Employee
Weekly Inspections	Cintas	Employee	Employee
Repairs	Cintas	Cintas	Employee
Delivery	Cintas	Cintas	Company
Size Changes	Cintas	Cintas	Company
New Orders/Replacements	Cintas	Cintas	Company
Management of Program	Cintas	Cintas	Company
Initial Fitting	Cintas	Cintas	Company

We can add logos and names to your garments for a custom look. If the size of your workforce increases, we add additional uniforms.

Contact us today to learn more about how Cintas can help you with your Personal Protective Equipment Program.

CARHARTT FR RENTAL WORKWEAR



**294 Carhartt 88/12
Long Sleeve Shirt**
6.5 oz,
Khaki (62), Light blue (80), Navy (20)
ATPV 9.5, ARC 2
ASTM 1506, UL 2112 Certified

Light Blue
(80)

Navy
(20)



Rental FR Workwear
Only from **CINTAS**



**297 Carhartt Long
Sleeve T-Shirt**
6.7 oz, Heather Gray (31)
ATPV 8.2, ARC 2



371 Carhartt 88/12 Pant
9 oz, Navy (20)
ATPV 12, ARC 2
ASTM 1506, UL 2112 Certified



290 Carhartt Carpenter Jean
11.75 oz, 100% Cotton,
Denim (83)
ATPV 15.2, ARC 2
UL 2112 Certified



280 Carhartt Jean
14.75 oz, 100% Cotton,
Denim (83)
ATPV 23.8, ARC 2
UL 2112 Certified



391 Carhartt 88/12 Coverall
7 oz, Navy (20)
ATPV 8.6, ARC 2
ASTM 1506, UL 2112 Certified

PROTECTIVE CLOTHING



7733
Khaki (62)

Light Blue
(80)

Navy
(20)

7733 Tecasafe™ Plus Shirt

7 oz, Khaki (62), Light Blue (80), Navy (20)
ATPV 10 (Navy), 9 (Light Blue, Khaki)
ARC 2, UL 2112 Certified

8803 Tecasafe™ Plus Pant

8.5 oz, Navy (20)
ATPV 10.2, ARC 2, UL 2112 Certified

8066 Tecasafe™ Knit Polo

6.7 oz, Navy (20)
ATPV 8.2, ARC 2, UL 2112 Certified



8066 Navy (20)



8803 Navy (20)



60694
Light Blue (80)

Navy
(20)

60694 UltraSoft® Shirt

7 oz, Navy (20), Light Blue (80)
ATPV 8.7, ARC 2, UL 2112 Certified

70644 UltraSoft® Pant

9.5 oz, Navy (20)
ATPV 12.4, ARC 2, UL 2112 Certified



70644 Navy (20)



80309 Nomex® IIIA
Vest/Jacket Liner
 Navy (20)
 ATPV 37, ARC 3
 UL 2112 Certified
 (Can be worn with 80308)

80308 Nomex® IIIA
Bomber Jacket
 5.3 oz, Navy (20)
 ATPV 12.6, ARC 2
 UL 2112 Certified



6724 UltraSoft®
Bomber Jacket
 10 oz, Navy (20)
 ATPV 12.4, ARC 2
 UL 2112 Certified



6728 UltraSoft® Liner/Jacket
 10 oz, Black (35)
 ATPV 30.8, ARC 3
 UL 2112 Certified



Khaki (62)

Light Blue
(80)

Navy
(20)

656 Nomex® IIIA Shirt
 4.5 oz, Light Blue (80)
 Khaki (60), Navy (2)
 ATPV 4.5, ARC 1
 UL 2112 Certified



60698 Nomex®/Rayon Shirt
 4.5 oz, Denim (83)
 ATPV 4.5, ARC 1
 UL 2112 Certified



746 Nomex® IIIA Pants
 7.5 oz, Navy (20)
 ATPV 7.0, ARC 1
 UL 2112 Certified



82302 UltraSoft® Coverall
 9.5 oz, Navy (20)
 ATPV 12.4, ARC 2
 UL 2112 Certified

8723 Tecasafe™ Plus Coverall
 7 oz, Navy (20)
 ATPV 10.2, ARC 2
 UL 2112 Certified
 (not shown)

737 Nomex® IIIA Coveralls
 6 oz, Navy (20), Liberty Blue (26)
 ATPV 5.6, ARC 1
 UL 2112 Certified
 (not shown)

82302 Navy (20)

ENHANCED VISIBILITY



60079

**61286 Orange E-Vis
88/12 Workshirt**
7 oz, Orange
ATPV 8.6, ARC 2, UL 2112 Certified

**60079 Orange E-Vis
88/12 Jacket**
9 oz, Orange
ATPV 12.2, ARC 2

60078 Jacket Liner
15.5 oz, Grey
Arc Rating N/A when worn alone.
When worn with 60079, ATPV 61.3
(not shown)



61286

64302
Navy (20)
Light Blue (80)



**64302 88/12 Shirt
with Reflective Trim**
7 oz, Navy (20), Light Blue (80)
ATPV 8.7, ARC 2, UL 2112 Certified

**64303 88/12 Pant
with Reflective Trim**
9 oz, Navy (20)
ATPV 12.4, ARC 2
UL 2112 Certified



64303



64308

**64308 Tecasafe™ Plus Shirt
with Reflective Trim**
7 oz, Khaki (62)
ATPV 9.0, ARC 2, UL 2112 Certified

**64307 Tecasafe™ Plus
Coverall with Reflective Trim**
7 oz, Navy (20)
ATPV 10.1, ARC 2, UL 2112 Certified



64307

PERSONAL PROTECTIVE EQUIPMENT



Arc Flash Suit



63545
Insulated Hand Tools



86935
Rubber Insulated
Gloves Covers
Classes 00, 0, 1, 2



86938
Leather Glove
Protectors
10" and 12"



82337
Indura UltraSoft®
Balaclava



89512
Arc Flash Protective
Face Shield

Additional PPE products available upon request.



Trust The Team with the White Truck.™

UNIFORMS SERVICES · FACILITY SERVICES · FIRST AID & SAFETY · FIRE PROTECTION · PROMOTIONAL PRODUCTS

1.800.CINTAS1 · www.Cintas.com/ProtectiveApparel

Pursuant to OSHA regulations, 29 CFR 1910.132 (Subpart I), an employer bears sole responsibility for selecting the type(s) of personal protective equipment to be used by its employees. All purchasers of FRC garments and/or laundering services from Cintas bear full responsibility for selecting the PPE appropriate for use by their employees. Cintas makes no representation, warranty, or covenant with

respect to the flame-resistant qualities of the garments or with respect to the fitness or suitability of the garments for any particular use or purpose. The purchase of any goods or services from Cintas is subject to Cintas's Standard Terms and Conditions and/or any other applicable written contract executed between the purchaser and Cintas relating to such purchase.