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## Portwest BZ30

# Portwest Men's Bizweld Modern Trousers

MODEL: BZ30

Instruction Manual

## INTRODUCTION

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The Portwest Bizweld Modern Trousers, Model BZ30, are designed to provide maximum protection and comfort for the wearer in demanding work environments. These trousers offer certified protection against molten metal splash and are constructed from flame-resistant materials, ensuring safety and durability. They are suitable for various industrial applications requiring protective workwear.

## PRODUCT FEATURES

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- Certified protection against molten metal splash.
- Equipped with side pockets and a rule pocket for utility.
- Features twin-stitched seams for enhanced durability and longevity.
- Fabric rated 40+ UPF to block 98% of UV rays.
- Three pockets provide ample storage capacity.
- Half elasticated waist for a secure and comfortable fit.
- CE certified and CE-CAT III compliant.



Image: Full view of the Portwest Bizweld Modern Trousers, showcasing their design and pocket configuration.

## SETUP AND WEARING INSTRUCTIONS

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To ensure optimal comfort and protection, select the correct size from the available range (XS to 5XL). The trousers feature a half elasticated waist for a secure fit. Fasten the zipper and button closure securely. Ensure the trousers allow for full range of motion without restriction, which is crucial for work activities.



Image: Close-up detail of the trouser waist, showing the zipper and button closure for proper fitting.

## OPERATING PRINCIPLES AND PROTECTIVE QUALITIES

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These trousers are engineered with flame-resistant properties to protect against thermal hazards, including molten metal splash. The Bizweld fabric, composed of 99% Cotton and 1% Carbon with an FR finish, is designed to self-extinguish and prevent further burning, thereby reducing the risk of injury from heat and flame exposure.

### Compliance Standards:

- **EN ISO 11612:** Protection against heat and flame (A1+A2, B1, C1, E2, F1).
- **EN ISO 11611 Class 1:** Protective clothing for use in welding and allied processes (A1+A2).
- **IEC 61482-2:** Protective clothing against the thermal hazards of an electric arc (IEC 61482-1-1 (Elim 8.3 CAL/CM<sup>2</sup>)).
- **ASTM F1959/F1959M-12:** Standard Test Method for Determining the Arc Rating of Materials for Clothing (ATPV 11.2 CAL/CM<sup>2</sup> (HAF = 80.4%)).

## MAINTENANCE AND CARE

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### Washing Instructions:

- Maximum wash temperature 40°C, mild process.
- Do not use bleach.
- Do not tumble dry.
- Line dry only.
- Iron at a maximum temperature of 150°C.
- Do not dry clean.

Adhering to these care instructions is essential to maintain the flame-resistant properties and overall durability of the trousers.

## SPECIFICATIONS

Attribute	Detail
Model Number	BZ30
Product Dimensions	19.99 x 30 x 5 cm
Material Composition	99% Cotton, 1% Carbon (with FR Finish)
Closure Type	Zipper
Inseam	30 Inches
Manufacturer	Portwest Clothing Ltd
First Available Date	17 February 2022

## TROUBLESHOOTING

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### Durability Concerns:

If the trousers show signs of premature wear, such as holes or split seams, ensure that the product is being used within its intended protective scope and that all care instructions are strictly followed. Exposure to extreme conditions beyond the product's specifications or improper washing can affect material integrity. For issues related to manufacturing defects, please refer to the warranty information.

### Fit Issues:

If the trousers do not fit comfortably or restrict movement, verify that the correct size was selected based on the Portwest size guide. An improper fit can compromise both comfort and the effectiveness of the protective features.

## WARRANTY AND SUPPORT

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For information regarding product warranty, please contact Portwest directly or refer to the warranty details provided at the point of purchase. Portwest products are manufactured to high standards, and any manufacturing defects should be addressed through their official support channels.

For further assistance or inquiries, you may visit the official Portwest store on Amazon: [Portwest Store](#).