

# ARMSTRONG ENERGY

MANUFACTURER AND SUPPLIER  
OF SAFETY EQUIPMENT, TOOLS AND  
ELECTRICAL ACCESSORIES



## ARMSTRONG ENERGY

P.O Box 685 Cloverdale WA 6985

181A Star Street Carlisle WA 6101

Tel +61 (08) 9361 2772

Fax +61 (08) 9361 2761

Web [www.armstrongenergy.com.au](http://www.armstrongenergy.com.au)

**Safety ...  
is OUR  
business**



Bags

Gloves

Insulated Boots

Resin Joint Systems

1000V Insulated Tools

Low Voltage Rescue Kits

Emergency & Safety Kits

Face Shields & Helmets

High Voltage Rescue Hooks

Insulating Mats & Busbar Covers

Flameproof Protective Clothing

Live Vacuum Cleaning Equipment

Camelbak Hydration Systems

Cooling Vests & Neck Ties

Stoko Skin Care

First Aid Kits



**NEW**

**NEW**

**NEW**

**NEW**

**NEW**

**NEW**

**ARMSTRONG ENERGY** manufacture and wholesale ranges of products focused to the needs of safety within the Electrical Industry and other related Industries, distributing throughout ...

- Australia
- New Zealand
- South East Asia, and
- The Pacific Region

When it comes to **safety**, **comfort** and **cost** for effective protection when working on **live** electrical components, call **ARMSTRONG ENERGY**, your specialist in safety equipment and services.

**9000° ARE NOT TO  
BE TAKEN LIGHTLY**

# FLAMEPROOF PROTECTIVE CLOTHING



What *value* do you put in *your* life? Make optimum protective clothing your *essential* priority.

ARMSTRONG ENERGY offers the choice of either ...

- NOMEX DELTA C 35 ca. 265gr/m<sup>2</sup> ARC tested to CENELEC Box Test Class 1, certified to EN 531/533 and 1149
- Proban 330gr/m<sup>2</sup> RWE-Euro Test 10 KA-1sec., certified to EN 531/533



◀ #91-36162/143

## SHIRT NOMEX DELTAC

No arc testing  
1 breast pocket with flap  
EN 531 / EN 1149-3 /  
EN 13034 Type 6  
190 grams

◀ #91-35502/143

## TROUSERS NOMEX EN 531

2 side pockets  
1 rear pocket with flap  
1 ruler pocket  
Category 3 - EN 531 /  
EN 1149-3 / EN 13034  
Type 6 - 260 grams



## ◀ NOMEX ZETEL SUIT AUSTRALIAN MADE

Weatherproof and non-flammable, the material 'breathes', making the suit very comfortable to wear.

### Jacket

Various pockets including mobile phone pocket on the arm. Flap on the back allows access to D-shackle on harness for rescue purposes from poles or pits.

### Trousers

Extra wide legs allow easy on/off removal without taking boots off.

#91-371249/143 ▶

## PARKA NOMEX

Very comfortable Parka with hood, various inside and outside pockets, 3M 9910 reflective material on arms and body.

NOMEX DELTA C. water resistant, water and oil repellent.

The material 'breathes', therefore is very wearer-friendly.

Also available...removable zipped-in non-flammable woollen lining.



The illustrations (above) show with alarming clarity the dangers for workers due to inadequate clothing materials. The RWE Test... a dummy model subjected to a 9000°C electric arc flash... underlines the fact that the provision of optimum protective clothing has to be given absolute priority as the most important safety measure to be taken.





◀ #91-35950/143  
**LONG SLEEVE OVERALL  
NOMEX**

With hood, for everyday use by people working in either the electricity industry or related industries.

Non-flammable

#91-348/196 ▶

**JACKET  
(Proban)**

330 grams



#91-342/196 ▲

**TROUSERS  
(Proban)**

330 grams



◀ #91-488/196

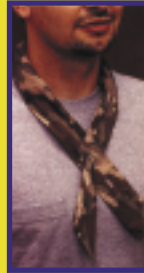
**SWITCHING COAT  
(Proban)**

This coat has been designed to be worn by worker who work on switchgear or who perform switching in substations or switchboards with high fault currents.

**ECONOMY  
PONCHO**

**COOLING VEST**

- Soak in cold water 10 - 15 minutes
- Reversible
- Easy to refresh
- Cooling process
- One size fits most



**COOL OFFS**

- Soak in cold water 10 - 15 minutes
- Wear as neck or head band
- Lightweight

**ALLEGRO®**  
INDUSTRIES

**COOLING  
PRODUCTS**

**STANDARD  
COOLING VEST**

- Soak in cold water 5 - 9 minutes
- Provides all-day cooling comfort
- Snap closures
- Available in 3 colours



**CAMELBAK  
HYDRATION  
SYSTEMS**

- Hi-Viz Safety Orange/Green
- Keeps water cool for hours
- Allows hands free access

**BOOTS**



**INSULATED BOOTS**

- Resistant to oils, fats, acids etc.
- Manufactured to EN 345 SB VDE 0680/T1
- Working voltage up to 1000V

**DELTEC**

**FACE  
SHIELDS &  
HELMETS**



**BALACLAVAS  
NOMEX**

- Flameproof

**FACE SHIELDS**

- Approved 1000V
- Manufactured to DIN VDE EN 166 fits most standard helmets

**SAFETY CAP**

- Manufactured to EN 397 / VDE to be only worn with face shield



## ARMSTRONG ENERGY

supplies equipment bags

...to client specifications.

# BAGS

- Canvas Glove Bags
- Insulating Mat Bags
- Linesman / Pole Bags
- Personal Protective Equipment (PPE) Bags
- Live-Line Three Compartment Glove & Sleeve Bags

## NOW AVAILABLE HV RESCUE HOOK

- C45 - Length approx. 1.75m
- Light Weight
- Tested to 45KV

## INSULATING MATS

- **LOW VOLTAGE MATS**  
3mm for indoor use or 6mm for outdoor use  
650V working voltage manufactured to AS2978-1995
- **HIGH VOLTAGE MATS**  
6mm Class 2, 15kV working voltage  
manufactured to ASTM D 178  
9.5mm Class 3, 26.5kV working voltage  
manufactured to ASTM D 178

## BUSBAR COVERS

- **Low Voltage** - 300x600x2mm // 600x600x2mm  
Tested and certified to AS/NZ4202-1995 - colour blue
- **High Voltage** - 300x600x1mm // 600x600x1mm  
Tested and certified to DIN VDE 0680 Part 1  
for working on up to 1000V - available in clear material



## DOOR LOCK

Door Locking Device to keep PMT and substation doors partially open

- Suitable for doors to 60mm thickness
- Permits different gap lengths
- Clamps with rubber support
- Rustproof components

## LIVE VACUUM CLEANING EQUIPMENT & ACCESSORIES



*Equipment for LIVE HV equipment cleaning up to 33kV*

Cleaning of switchgear will improve the life and reliability of the equipment.

Surface tracking and breakdowns due to dust and other settlements can easily be prevented with regular maintenance.

Safety of employees should be paramount. WHS regulations call for a safe work place; for this reason, the equipment **must** be cleaned regularly.

**It's easy and can be safely done live...no downtime whatsoever.**



## SKIN CARE

...Keep Working Skin Healthy  
**Cleaners**

- Refresh Foam Soap Dispenser
- Refresh Anti-Bacterial Moisturising Foam
- Medium-to-Heavy Duty Hand Cleaner

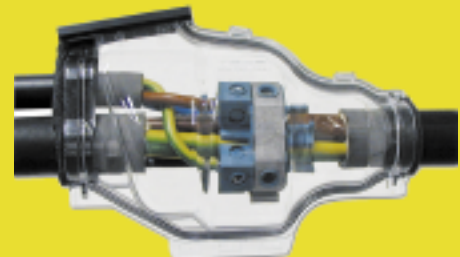
**Conditioning Moisturisers**

- Soothe chapping, chafing and eczema
- Keeps skin flexible, smooth and healthy

## CAST RESIN CABLE JOINT SYSTEMS & ACCESSORIES

# TECE

TECE...one of the largest manufacturers of Resin Joints in Europe, has been established for over 40 years. The company is Quality Assured and all products comply with the relevant European Standards.



### Applications

- Service/T-off joints up to 240mm<sup>2</sup>, for 1 or 2 T-off cables
- Mains branch Joints up to 240 / 185mm<sup>2</sup>
- Straight Through Joints up to 240mm<sup>2</sup>
- Joints for the Telecommunication Industries



# RESCUE & EMERGENCY KITS

ARMSTRONG ENERGY manufacture Low Voltage Rescue & Emergency Kits ...to client specifications.

- Lockout Kits
- Pole Top Rescue Kits
- Electricians Safety Kits
- Emergency & Safety Kits
- LV Switchboard Rescue Kits



## ◀ #0021 / Emergency

### EMERGENCY & SAFETY KIT

Brightly coloured bag with carry strap including the following items:

- First Aid Kit
- Fire Extinguisher 1 KG ABE
- Fire Blanket 1.2 x 1.8m
- Multi Trauma Burns Dressing 25 x 76cm
- Torch & Glow Sticks
- Battery powered radio AM / FM
- Signs

This emergency kit should be kept in every privately owned and work vehicle, shop, place of manufacture, home, etc.

# GLOVES

## ELECTRICAL INSULATING GLOVES

- Natural latex in 500V (-00-), 1000V (-0-), 7500V (-1-), 17000V (-2) & 26500V (-3-)
- Available in sizes 9/10/11

## LEATHER OUTER GLOVES

- Low Voltage to be worn over Class -00- & -0- insulating gloves
  - Goatskin
  - Sheepskin
  - Kangaroo Leather
 Available in sizes 8/9/9.5/10/10.5/11/11.5/13/14
- High Voltage to be worn over Class -1-, -2-, -3- & -4- insulating gloves
  - Cowhide
 Available in sizes 8/9/9.5/10/10.5/11/11.5/12

## RIGGER GLOVES

- First grade quality gloves
  - Cowhide
 Available in sizes S/M/L/XL/XXL

## COTTON GLOVES

- High quality material
- Available in various sizes
- Budget gloves
- One-size-fits-all



HV Outer Gloves



LV Outer Gloves



Cotton Gloves



Riggers Gloves



Insulating Gloves



Live-Line 3 Compartment Glove & Sleeve Bag



Canvas Glove Bag



# 1000 V INSULATED TOOLS



CIMCO Insulated Tools are very high quality. Armstrong Energy imports 1000 V insulated tools, especially cable jointer and fitter mechanic tools, and distributed throughout Australia, New Zealand and the Pacific region.

*Catalogues displaying CIMCO's full range are available on request.*



▲ **Item # 111 428**  
COMBI Pol - IP 65 - Solar 12-690V AC/DC / 0-1 Mohm-Phase sequence indication, IEC 61243-3 / VDE 0682 Teil 401



▲ **Item # 111 427**  
Duspol Digital IP 54 - 1.5-750V AC/DC Phase sequence indication, IEC 61243-3 / VDE 0682 Teil 401



▲ **Item # 111 430**  
Duspol Analog 12-750V, Phase sequence indication, IP 64, apply load function, IEC 61423-3 / VDE 0682 Teil 401



▲ **Item # 111 422**  
Unitest 2000 Beta-LED/Digital Display, IP 65, Self test, Phase sequence indication, 12-690V, 1-19990hm, Continuity, IEC LR 603, Illumincation of display



**Insulated Hacksaw**



**Paper Knife**



**Ratchet Allan Key**



**Knife with Insulated Back**



**Plastic Clip**



**Angle Allan Key**



**Proximity Tester**



**T-Bar Allan Key**



**Tool Pouch with Leather Belt**



**Cable Stripping Knife**



**Hatchet & Axe Protector**



**Torque Wrench**



**Insulated Socket**



**Open-Ended Spanner**



**Tool Sets**