

## CORRECT WEARING OF CHEMICAL PROTECTIVE CLOTHING

Type 3 & 4 AlphaTec® chemical protective suits and gloves

### Best Practice - Working in your chemical protective suit

- Chemical protective suits will only help to protect you if they are:
  - Properly selected
  - Correctly fitted
  - Used for the correct environment
  - NOT torn, cut, punctured or otherwise damaged
- Be considerate to colleagues working in the vicinity
- Non-active people in the hazardous zone should wear a protective garment in the case of an emergency
- In areas of an explosion risk (Ex-zones) always wear a garment which is anti-statically treated, to ensure electrostatic discharges if earthed correctly
- Take care in the work area to prevent damage to your protective equipment e.g. avoid hot surfaces and sharp edges
- Do not remove your chemical protective clothing and/or ancillary PPE whilst working in a hazardous area
- YOU are responsible for your own safety and well-being!



### Using the Buddy System

Individuals who are paired up to assume responsibility for one another's safety and to ensure Personal Protective Equipment (PPE) is worn correctly



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#### Prior to donning the suit

- Always follow manufacturer's instructions for use
- Use a designated changing area - free from contamination
- Check size and protection level of the chemical suit
- Open packaging carefully - do not use knives or sharp objects
- Read user instructions carefully
- Visually inspect your coverall
- Check for holes/tears and inspect seams and zips
- Do not wear if damaged



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#### Donning the suit

- Shake the coverall to make the suit easier to put on
- Remove unnecessary bulky clothing and objects from pockets
- Remove jewellery
- Sit down and remove footwear
- Tuck trousers in to socks
- Insert leg in to coverall ensuring toes are pointed
- Pull chemical suit up to the waist
- Insert each arm and pull zipper up half way



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#### Putting on safety footwear

- Sitting down, roll up the legs of the coverall
- Put on your required safety footwear
- Roll down each suit leg to cover the lower leg and ankle
- Do not tuck the suit leg into your footwear
- Tape the coverall hem to your footwear above your ankle
- Taping the footwear below the ankle may restrict your movement



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#### Zippering up the suit

- Zip up the red inner zip first
- Tuck in the inner protection flap
- Zip up the outer zip fully, pulling the zip to the top
- To assist with zips, use the Buddy System if required
- For full spray and particle protection use impermeable chemical tape



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#### Don the respirator

- Always follow the manufacturer's instructions for use
- Pull up the hood ensuring there are no gaps
- Ensure the respirator fits comfortably around the face
- For full spray and particle protection use impermeable chemical tape
- To assist with taping, use the Buddy System if required



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#### Donning protective gloves

- Always wear the correct gloves for the application in accordance with the manufacturer's instructions for use
- Inspect the gloves for any defects and imperfections
- Fold back the elasticated outer suit sleeve
- Pull the gloves on one at a time and ensure the glove fits well
- Return the outer suit sleeve to its original position
- Wear an inner glove if required to give additional protection



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#### AlphaTec® Glove Connector / Taping

- The AlphaTec® Glove Connector should be worn to provide a liquid tight seal
- Alternatively, the outer sleeve should be taped using an impermeable chemical tape



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#### Final checks

- Buddy and wearer check the suit for fit and comfort