

PURPOSE/APPLICATION

Joint Protection/Sleeving is used to protect coated pipe at weld locations prior to being buried underground. Forms of Joint Protection could include Epoxy Coating, Yellow Jacket, Denso Tape or Polyken Primer.

PPE

- Gloves (leather, rubber)
- Splash goggles
- Respiratory Protection
- Fire Retardant Clothing

TRAINING

- Orientation
- Competency
- Job Specific training
- MSDS

TOOLS/EQUIPMENT

- Tiger torch
- Propane
- Temp sticks
- Acetone
- Rags
- Rollers
- Half Shells

#	Job Steps	Hazards	Control Measures
1	Sandblast or use sandpaper to remove particles from joint to be protected	<ul style="list-style-type: none"> ▪ Respiratory concerns ▪ Scrapes 	<ul style="list-style-type: none"> ▪ Use respiratory protection and/or a dust helmet to protect yourself when necessary ▪ Wear all required PPE at all times
2	Use Acetone to clean remainder of dust and debris from joint	<ul style="list-style-type: none"> ▪ Toxic fumes ▪ Skin contact 	<ul style="list-style-type: none"> ▪ Wear respiratory protection ▪ Wear Rubber or Nitrile gloves when handling Acetone ▪ Wear splash goggles when handling Acetone ▪ MSDS
3	Heat pipe with Tiger Torch to sweat pipe and remove moisture and to meet required manufacturers specifications	<ul style="list-style-type: none"> ▪ Burns ▪ Explosion/Fire Hazard ▪ Open flame 	<ul style="list-style-type: none"> ▪ Have a fire extinguisher available ▪ Wear gloves while handling Tiger Torch

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Joint Protection/Sleeving

#	Job Steps	Hazards	Control Measures
4	Apply Shrink Sleeves and Half Shells when required to joint and heat with Tiger Torch	<ul style="list-style-type: none"> ▪ Uneven distribution of heat ▪ Cuts 	<ul style="list-style-type: none"> ▪ Ensure Shrink Sleeve is the right size for the joint being protected ▪ Ensure gloves are clean and free of grease or dirt while handling Shrink Sleeves ▪ Wear Kevlar gloves when cutting Half Shells for fit up on joints ▪ Ensure uniform shrinking is achieved by observing presence of adhesive around the edges of sleeve

Additional Precautions:

REFERENCE/REGULATIONS

- Alberta OH&S Code
 - Part 2 Hazard Assessment, Elimination and Control
 - Part 4 Chemical Hazards
 - Part 10 Fire And Explosion Hazards
 - Part 18 Personal Protective Equipment
 - Part 29 Workplace Hazardous Materials Information System

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