

Skinning wire

Facility:	Written By:	Approved By:	Date Created:	Date of Last Revision

Hazards Present:	PPE or Devices Required:	Additional Training Required:
Debris in the eyes	Eye protection	
Cuts		

Safe Work Procedure:

- 1) Grip the wire in one hand to secure the wire
- 2) Grip the utility knife in the other hand
- 3) Gently push the blade into the wire insulation and using a smooth motion, applying minimum pressure, move the knife away from the body and draw the knife through the insulation toward the end of the wire
- 4) Do not cut too deeply being aware of possibly scoring of the insulation covering the conductors. Be especially careful when using wire that is very thin or contains multiple strands of wire. If this occurs, then you must use new wire.
- 5) Lessen the angle of the blade slightly so the bottom of the cutting edge of the blade is parallel to the actual copper wire within the insulation once the wire is exposed to where you can see it
- 6) Gently slide the blade along the length of the wire until you reach the end
- 7) Gently remove the end of the copper wire from the remaining insulation by pulling it up and out from the side where you cut off the insulation
- 8) Grab the conductor covered wire at the exposed end with one hand. Hold the cut portion of the insulation that is still attached and carefully pull it off of the copper wire to the point where you first started your cut
- 9) The excess outside insulation must be removed by “peeling back” the insulation to the initial cut and then use the knife to cut this excess insulation by directing a motion away from the body
- 10) Employ good housekeeping techniques

If an emergency situation occurs while conducting this task, or there is an equipment malfunction, engage the emergency stop and follow the lock out procedure

REPORT ANY HAZARDOUS SITUATIONS TO YOUR SUPERVISOR

Guidance Documents/Standards: MB Workplace Safety & Health Act & Regulations:	This Safe Work Procedure will be reviewed any time the task, equipment or materials change and at a minimum of every three years
	Reviewed By WSH Committee: Date: