LOCATION OF WORK	WRITTEN BY:	APPROVED BY:	DATE	LAST REVISION
All Schools	Karl Ingoldsby	Somersworth School District JLMC	3/4/2020	New

POTENTIAL HAZARDS	PERSONAL PROTECTIVE EQUIPMENT (PPE)	ADDITIONAL RECCOMENDATIONS
• Awkward / sustained postures – forward slouch Chemicals- paint and fumes • Chemicals – soldering fumes • Electrical • Extreme heat – burns from soldering tip, solder	• Eye protection • Ventilation ensuring fumes not exposed to operator. Organic vapor cartridge mask if ventilation not adequate. Refer to product label for safe use	• Not Applicable

Note: Signs and symptoms of a musculoskeletal injury (MSI) can include pain, burning, swelling, stiffness, numbness/tingling, and/or loss of movement or strength in a body part. Report these to your supervisor.

SAFE WORK PROCEDURE

1. Inspect equipment for any obvious damage. Ensure tip element is secure. Report any damage to supervisor and do not use soldering gun
2. The work area should be free of debris / clutter to reduce risk for slips, trips or falls
3. Leave soldering probe in its stand to heat up. Ensure the cord and any flammable materials are not close to the soldering probe. Never touch soldering tip to see if it is hot
4. Ensure the environment is well ventilated so fumes are not exposed to operator. A fume hood, fan or organic vapor cartridge may need to be used. Refer to manufacturer safe use instructions
5. All-purpose solder is satisfactory for general use. Do not use acid core solder on electrical wires or circuits
6. Ensure tip is tinned before soldering. This is done by melting solder over the entire surface and removing the excess with a damp sponge
7. To solder, heat the metal not the solder. Place the tip on the metal, and feed the solder to the tip to release the flux, then apply solder to the metal until it flows freely. Keep your hand out of the path if solder were to drip
8. Always keep the heated soldering gun in its stand when not in use or when it is cooling down. Do not leave a hot soldering gun / iron unattended

REGULATORY REQUIREMENTS

- SDS for product