

APPENDIX B: SOLDERING FIRE SAFETY PRECAUTIONS

BEFORE WORK:

- ❑ Soldering equipment must be thoroughly inspected and found to be in good repair, free of damage or defects.
- ❑ A multi-purpose dry chemical, portable fire extinguisher must be located such that it is immediately available to the work and is fully charged and ready for use.
- ❑ At least one fire alarm pull station or means of contacting the fire department (mobile phone) must be available and accessible to person(s) conducting the soldering operation.
- ❑ Floor areas under and at least 35 feet around the soldering operation must be swept clean of combustible and flammable materials.
- ❑ All construction equipment fueling activities and fuel storage must be relocated at least 35 feet away from the soldering operation.

DURING / AFTER THE WORK

- ❑ Person(s) must be assigned to a fire watch during and for at least 30 minutes after all soldering ceases.
- ❑ Fire watch person(s) are to be supplied with multi purpose dry chemical, portable fire extinguisher and trained in its use.
- ❑ A fire alarm pull station or means of contacting the fire department (mobile phone) available and accessible to fire watch person(s).

Where applicable, the following precautions will also be taken before the work begins:

- ❑ Fire resistant shields (welding blanket, metal, etc.), must cover combustible floors.
- ❑ Spark/slag catchers (welding blanket, metal, etc.) must be suspended below any elevated soldering operation.
- ❑ All floor and wall openings must be covered to prevent sparks/slag from traveling to other, unprotected areas.
- ❑ Containers in or on which soldering will take place must be purged of flammable vapors.