

Chapter 16 – Appendix A: Definitions

Authorized employee – A person who has received training in accordance with the Plan and who serves as a Permit Authorizing Individual, performs hot work or serves as a Fire Watch.

Brazing – A metal-joining process in which two or more metal items are joined together by melting and flowing a filler metal into the joint, the filler metal having a lower melting point than the adjoining metal.

Designated Area – An area specifically designed, engineered and designated as one in which routine hot work operations occur.

Fire Watch - A physical inspection conducted when a building's fire alarm, sprinkler or other suppression systems are hindered, temporarily out of service, or when hot work has been performed. Fire watch personnel are required to continually patrol the facility or site for evidence of smoke, fire, or any abnormal conditions for a specified time after hot work is completed.

Grinding – An abrasive machining process that uses a grinding wheel as the cutting tool, is capable of making cuts and producing very fine finishes. The process may produce sparks, or particles of hot metal that may ignite combustible materials.

Hot Work - any open flame, spark or heat producing activity and is typically associated with cutting, welding, grinding and brazing operations.

Non-Designated Area – An area in which hot work is normally not routinely conducted yet meets the inspection criteria in sections IV. A. 2 of this Plan for hot work requiring a Hot Work Permit.

Permit Authorizing Individual (PAI) – A trained supervisor (or an authorized employee delegated by their management) who is authorized to sign Hot Work Permits in preparation for hot work in a non-designated area.

Soldering – A process in which two or more items are joined together by melting and putting a filler metal (solder) into the joint, the filler metal having a lower melting point than the adjoining metal.

Torch – Welding apparatus that uses a fuel gas such as acetylene and oxygen to the weld site, or consumable electrodes in electric welding.

Welding – To join together (metal pieces or parts) by heating the surfaces to the point of melting using a blowtorch, electric arc, or other means.