



## Clark County Department of Building & Fire Prevention

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<b>Division:</b>	Fire Prevention	<b>Code Interpretation</b>	FP-CI-042
<b>Subject:</b>	HOT WORKS REQUIREMENT FOR SOLDERING	<b>Effective Date:</b>	01/22/2014
<b>Code:</b>	IFC-102.8 and 105.23, NFPA 51.B-1.3.2, NFPA 1-41.1.3	<b>Revised Date:</b>	New

**A. CODE REQUIREMENT**

IFC Section 105.23 requires an operational permit for hot work. Hot work is defined to include soldering.

**B. INTERPRETATION**

A hot works permit is required for soldering work performed with an open flame. Soldering work performed without an open flame by such methods as electric soldering irons or machines does not require a hot works permit.

**C. RATIONALE**

The NFPA codes addressing hot works provide clear guidance on electric soldering, versus open-flame soldering. NFPA 1, Uniform Fire Code, Section 41.1.3(4) states that hot works requirements do not apply to electric soldering irons. NFPA 51b, Standard for Fire Prevention During Welding, Cutting, and Other Hot Work, Section 1.3.2 states: This standard shall not apply to the following-(4) Electric Soldering Irons. Furthermore welding is defined in NFPA 51b section 3.3.6 as open-flame soldering.

**Revision History:**

POLICY #	TITLE	Effective Date	Revised	Reviewed
FP-CI-042	Hot Works Requirement For Soldering	January 22, 2014		

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