



## THE HARRIS PRODUCTS GROUP

A LINCOLN ELECTRIC COMPANY

4501 Quality Place • Mason, Ohio 45040 • U.S.A Tel: +1 (513) 754-2000 • Fax: +1 (513) 754-8700

---

### “The Reduction of Lead in Drinking Water Act” The new Federal law and Harris Product Group Solders

#### *History*

The 1986 amendment to the Federal Safe Drinking Water Act required that all pipes, fittings, fixtures, and solder be “lead free”. This was defined to mean no more than 8.0% lead by weight for pipes and fittings and 0.20% by weight for solder.

#### *New Requirements*

The new amendment was signed into law by the President on 1/4/2011 and is effective 1/4/2014. It follows restrictions that have been in effect in California and Vermont. It adopts the criteria established in California Assembly Bill 1953 and the subsequent California Senate Bill 1334. The new law alters the previous lead free definition to use a weighted average of 0.25% of the wetted surface of pipes, pipe fittings, fixtures, and plumbing fittings in systems that provide water for human consumption. *The lead limit for solder and flux was unchanged and remains at 0.20% by weight.*

#### *Lead-Free Certification of Harris Solders*

The National Sanitation Foundation,(NSF), has developed an American National Standards Institute, (ANSI), approved standard; (ANSI/NSF 61, Annex G). This provides a testing and certification method to determine plumbing product compliance.

**Harris lead-free Bridgit® and Nick® have been tested by NSF and are certified to meet the requirements of Standard 61, Annex G. They conform to requirements of all State lead-free laws and the new Federal Safe Drinking Water Act Amendment.**

<http://www.nsf.org/Certified/PwsComponents/Listings.asp?Company=24510&Standard=061&>

12/18/12 Harris Products Group