

COMPANY CONFIDENTIAL

FACTS

- TEK-SIL as supplied, has less than 1% of respirable crystalline silica - 100X less than traditional silica-based dry vibratable
- Developed to assist foundries in complying with the new OSHA silica standard implemented on June 23, 2018
- Currently manufactured in North America
- Until trials are complete, products will have an XM code. Products available for trial are:
 - XM17344 (TEK-SIL)
 - XM18359LG (TEK-SIL with LGS technology)
- XM17344 is suitable for applications currently using MINRO-SIL[®] 1001 or 2001 product lines
- XM18359LG is suitable for applications currently using DRI-VIBE[®] LGS
- Both products will mirror bond content used for the DRI-VIBE[®] LGS product line
- Patent pending

BENEFITS

- Significantly reduces respirable crystalline silica during installation
- Provides an enhanced hot face, which may increase furnace lining performance
- Can be used with DRI-VIBE[®] DEFENDER

TESTING

How can companies be sure their product meets the new OSHA standard?

- The modified NIOSH 7500 testing method is recommended to measure respirable silica. Typical silica tests do not separate respirable crystalline silica from non-crystalline silica. It is important to use a test that can effectively differentiate between types of silica
- During use, the product will increase in crystalline silica content. Standard OSHA compliant removal procedures should be followed
- For more information, please visit <http://alliedmineral.com/products/tek-sil/>

