

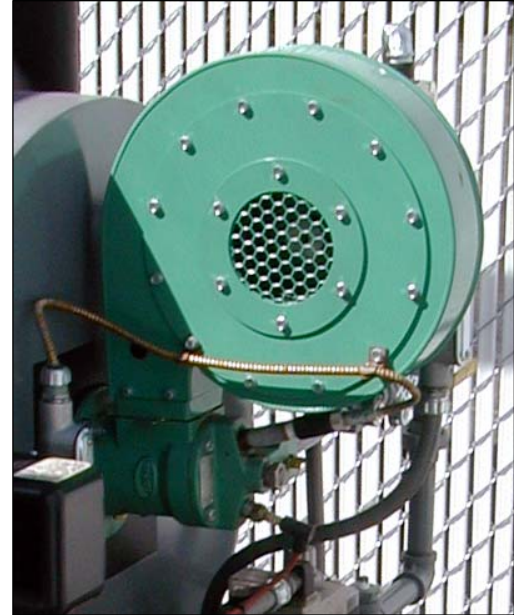
SCAQMD Rule 1147 Compliance

Low NOx

SCAQMD
Rule 1147
Low-NOx
Compliant!



High NOx



What's the difference between these two burners, besides the obvious aesthetics? The burner on the left is SOIL-THERM's patented *Jet-Therm*[®] burner, the latest development in low NOx, high efficiency burner technology. Constructed entirely of high temperature stainless steels, the *Jet-Therm*[®] is the culmination of more than 19 years experience integrating aerospace combustion technologies for environmental cleanup. VOC's don't get by our *Jet-Therm*[®] turbulent flame-zone, resulting in super high destruction efficiencies, low NOx emissions, low Greenhouse emissions, and low fuel consumption. We hear its the most effective burner ever built for soil remediation applications.

The burner on the right is a typical "combustion air burner" that's being installed on many oxidizers by various equipment suppliers. Its designed to heat VOC's by creating an ambient air flame in the oxidizer chamber. For the model shown (rated at 250,000 btuh), the burner company brochure shows burner NOx emissions range from 75 to 98 ppmv - - non-compliant with SCAQMD Rule 1147! In a couple years, you might have to install a whole new burner/oxidizer to operate your soil remediation oxidizer system. Note ⁽¹⁾: NOx emissions are actual from stack.

Operating Mode	Rule 1147 (@3%)	Soil-Therm Jet-THERM ⁽¹⁾	Complies
Catalytic (<1200F)	<30 ppmv	4 ppmv	YES !
Thermal (>1200F)	<60 ppmv	9.5 ppmv	YES !

Why not select a soil remediation oxidizer system that complies with the latest low NOx emissions requirements right now? With SOIL-THERM's *Jet-Therm*[®] burner, you'll be compliant with SCAQMD Rule 1147 at the stack in both thermal and catalytic operating modes. No worries. No concerns about future compliance. The burner of the future is now available in all SOIL-THERM gas-fired oxidizer systems!



www.soiltherm.com

5310 Derry Ave., Unit C/D Agoura Hills, CA 91301

(818) 706-9875

FAX (818) 706-2145