

Table 1
Summary of BARCT Analysis

Category	Technology	Cost Effectiveness (\$/ton) ¹	Equipment Life Assumed, years	Implementation Schedule
Industrial/Commercial Boilers (R1146/1146/1)	Low NOX Burner	\$9,000 – \$10,000	10	2006-2007
Misc Combustion Equipment	Low NOX Burner	\$11,000	10	2006-2008
Heat Treating	Low NOX Burner	\$4,000	10	2006-2007
Metal Melting	Low NOX Burner	\$8,500	10	2006-2007
Refinery Boilers >110 mmbtu/hr (R1109)	SCR	\$17,500	25	2007-2010
		\$32,000	10	
Refinery Boilers >250 mmbtu/hr (R1109)	SCR	\$13,000	25	2007-2010
		\$23,000	10	
FCCU	SCR	\$11,400	25	2007-2010
		\$19,700	10	
Weighted Average/Total		\$12,600 – \$13,000 ²	10-25	
		\$19,800 - \$20,200 ²	10	

1. Based on DCF method

2. Does not include R1109 Boilers/Heaters >250 mmBtu/hr