BASED ON 2010 CIBO - IHS Global Insight Study

The Economic Impact of only the 2011 Final EPA Major Source Boiler/Process Heater MACT Rule on ICI Boiler and Process Heater Owners and Operators

Estimate of State Level Impacts of Potential Jobs at Risk- using average job impact of 16,000 per \$1 billion compliance capital cost only and state by state cost estimates.*

BY COST & JOBS BY STATE 2011 Cost Estimate Potential Jobs at Risk 2011 Cost Estimate Potential Jobs at Risk Boilers State Boilers State 16,650 152 \$1,040,651,651 NC. 1,752 \$109,516,557 AK 9 \$1,023,776,776 16,380 82 8,714 \$544,618,932 61 ΑL 13,616 \$850,983,351 OH 75 5,416 42 \$338,482,280 AR \$788.787.531 12,621 79 377 MI \$23,532,103 ΑZ 2 11,617 \$726,068,629 PΑ 82 \$56,454,112 903 CA 9 10,841 77 \$677,585,203 SC \$71,527,928 1,144 CO 5 10.147 \$634,212,550 VA 81 1.955 13 \$122,190,754 CT 9,642 MN 65 \$602,639,020 292 \$18,258,898 DΕ .3 9,542 \$596,382,766 WI 71 36 \$365,498,920 5.848 FL \$544,618,932 8,714 ΑL 61 6,388 \$399,225,204 52 GA \$527,375,393 8,438 3.340 TN 60 НΙ 20 \$208,727,944 7,840 \$489,971,530 IA 51 51 \$489,971,530 7,840 1A \$482,403,820 7,718 NY 30 1,572 ID 20 \$98,248,045 7.437 \$464,824,188 EL 53 \$464,824,188 7,437 IL 53 6,796 \$424,722,192 ME 42 16,380 \$1,023,776,776 IN 82 6.388 52 \$399,225,204 1,258 GΑ \$78,652,329 KS 7 \$365,498,920 5,848 2,930 FL 36 \$183,140,546 26 ΚY \$345,665,237 5,531 31 LA 5,531 LA 31 \$345,665,237 \$338,482,280 5,416 42 AR 1,919 \$119,941,780 MA 11 4,843 \$302,718,329 2.837 MO 38 MD 11 \$177,316,730 4,448 \$277,998,031 27 wv \$424,722,192 6,796 42 ME \$210,294,358 3,365 OR 31 12,621 MI 79 \$788,787,531 3,340 \$208,727,944 HI 20 \$602,639,020 9,642 65 MN \$202,508.555 3,240 MS 37 4.843 \$302,718,329 MO 38 \$202,218,185 3,235 TX 27 MS 37 \$202,508,555 3,240 \$183,140,546 2,930 26 764 ΚY \$47,742,026 ΜT 8 2.837 11 \$177,316,730 MD \$1,040,651,651 16,650 NC 152 2,390 \$149,391,002 19 1,355 WA \$84,674,412 ND 9 1,955 CT 13 \$122,190,754 921 9 \$57,581,639 ΝE 1,919 \$119,941,780 11 \$30,227,631 484 MA 3 NJ 1.868 \$116,755,163 OK 11 7,718 \$482,403,820 NY 30 \$109,516,557 1,752 9 ΑK 13,616 \$850,983,351 OH 75 1,572 \$98,248,045 ID 20 1,868 \$116,755,163 OK 11 9 \$84,674,412 1,355 ND 3,365 OR 31 \$210.294,358 1,258 \$78,652,329 11,617 KS 7 \$726,068,629 82 PA 1,250 WY 12 \$78,152,518 183 PR \$11,461,640 2 \$71,527,928 1,144 5 CO 219 RI 3 \$13,687,522 921 NE 9 \$57,581,639 \$677,585,203 10,841 77 SC 903 9 \$56,454,112 CA \$527,375,393 8,438 ΤN 60 764 8 \$47,742,026 MT 3,235 \$202,218,185 TX 27 \$30,227,631 484 3 NJ \$634,212,550 10,147 VA 81 377 2 \$23,532,103 2,390 AZ \$149,391,002 19 WA 292 3 \$18,258,898 \$596,382,766 9.542 DE W١ 71 219 3 \$13,687,522 RI 4.448 \$277,998,031 WV 27 183 2 \$11,461,640 1,250 PR \$78,152,518 WY 12 230,029 \$14,376,793,910 **TOTALS** 1594 230,029 **TOTALS** 1594 \$14,376,793,910

^{*} Note- State total potential jobs at risk figure assumes the national industry distribution of the IHS Global Insight report. State totals estimates will differ based on actual industry distribution. Also, capital cost estimates (increased operating costs are not considered) are developed for Major Source bollers only and based on current fuels continuing to be considered fuels. A change in this assumption forcing bollers into the CISWI incinerator category could increase the cost by a factor of 2X of 3X for affected industries.