

Comparison of Boiler GACT Limits

HAP/Fuel	2010 Proposal	Mar 2011 Final	Dec 2011 Re-Proposal	Dec 2012 Final
New coal-fired boiler with heat input capacity of 30 million Btu per hour or greater				
Hg Coal	3 lb/Tbtu	4.8 lb/Tbtu	22 lb/TBtu	22 lb/TBtu
PM Coal	0.03 lb/MMBtu	0.03 lb/MMBtu	0.03 lb/MMBtu	0.03 lb/MMBtu
CO Coal	310 ppm at 7%O ₂	400 ppm at 3%O ₂	420 ppm at 3%O ₂	420 ppm at 3%O ₂
New coal-fired boiler with heat input capacity of between 10 and 30 million Btu per hour				
Hg Coal	3 lb/Tbtu	4.8 lb/Tbtu	22 lb/TBtu	22 lb/TBtu
PM Coal	0.03 lb/MMBtu	0.42 lb/MMBtu	0.42 lb/MMBtu	0.42 lb/MMBtu
CO Coal	310 ppm at 7%O ₂	400 ppm at 3%O ₂	420 ppm at 3%O ₂	420 ppm at 3%O ₂
New biomass-fired boiler with heat input capacity of 30 million Btu per hour or greater				
PM Biomass	0.03 lb/MMBtu	0.03 lb/MMBtu	0.03 lb/MMBtu	0.03 lb/MMBtu
New biomass fired boiler with heat input capacity of between 10 and 30 million Btu per hour				
PM Biomass	0.03 lb/MMBtu	0.07 lb/MMBtu	0.07 lb/MMBtu	0.07 lb/MMBtu
New oil-fired boiler with heat input capacity of 10 million Btu per hour or greater				
PM Oil	0.03 lb/MMBtu	0.03 lb per MMBtu	0.03 lb per MMBtu	0.03 lb per MMBtu
Existing Coal units with heat input capacity of 10 million Btu per hour or greater				
Hg Coal	3 lb/Tbtu	4.8 lb/Tbtu	22 lb/TBtu	22 lb/TBtu
CO Coal	310 ppm at 7%O ₂	400 ppm at 3%O ₂	420 ppm at 3%O ₂	420 ppm at 3%O ₂

Existing biomass and liquid boilers have tune-up only, no numerical limits.

Boilers less than or equal to 5 MMBtu/hr, seasonal boilers, limited use boilers, and boilers with O₂ trim systems have tune-up every 5 years.

Boilers greater than 5 MMBtu/hr must conduct tune-up biennially.

First tune-up due March 2014 for existing units (extended an extra year).

Existing boilers 10 MMBtu/hr and greater must have one-time energy assessment.

Temporary boilers and residential boilers are not subject to the rule.