



Federal Regulation of Coke Ovens:
Battery NESHAP (Charging, Leaks, and Bypass Stacks)
(part 63, subpart L)

For this NESHAP, there are two sets of standards. The first are the standards for MACT track facilities. The second are the standards for LAER track facilities, which elected to adopt more stringent requirements in earlier years, in return for a postponement of additional regulation until January 1, 2020.

By 2010, the standards for each track converged, becoming uniform throughout the industrial sector.

**40 C.F.R. § 63.302 -- Standards for by-product coke oven batteries
(existing MACT track facilities)**

Standard	December 31, 1995	January 1, 2003	July 14, 2005
leaking coke oven doors for each tall by-product coke oven battery	6.0 percent	5.5 percent	4.0 percent
leaking coke oven doors for each short by-product coke oven battery	5.5 percent	5.0 percent	3.3 percent
leaking topside port lids	0.6 percent		0.6 percent
leaking offtake system(s)	3.0 percent		2.5 percent
seconds of visible emissions per charge	12 seconds		12 seconds

**40 C.F.R. § 63.304 -- Standards for compliance date extension
(existing LAER track facilities)**

Standard	November 15, 1993	January 1, 1998	January 1, 2010
leaking coke oven doors	7.0 percent		
leaking coke oven doors for each tall by-product coke oven battery	4.3 percent	4.0 percent	
leaking coke oven doors for each short by-product coke oven battery		3.8 percent	3.3 percent
leaking topside port lids	0.83 percent	0.4 percent	0.4 percent
leaking offtake system(s)	4.2 percent	2.5 percent	2.5 percent
seconds of visible emissions per charge	12 seconds	12 seconds	12 seconds

SOURCE: 40 C.F.R. part 63, Subpart L: National Emissions Standards for Coke Oven Batteries, <http://www.ecfr.gov/cgi-bin/text-idx?SID=c5cffe8c062c7ea56c2e5982b6855a8&mc=true&node=sp40.10.63.l&rgn=div6>

EPA Fact Sheet: <https://www.epa.gov/sites/production/files/2016-01/documents/cokefact.pdf>

Federal Register notices and background information on the rules: <https://www.epa.gov/stationary-sources-air-pollution/coke-ovens-batteries-national-emissions-standards-hazardous-air#rule-summary>