Federal Regulation of Coke Ovens:
Quenching NESHAP (Pushing, Quenching, and Battery Stacks) (part 63, subpart CCCCC)

Activity	**Section**	**Requirements**
Capture systems and control devices	40 C.F.R. § 63.7290	For a cokeside shed, 0.01 grain per dry standard cubic foot (gr/dscf) For a moveable hood, 0.02 pound per ton (lb/ton)
Work practice standards for fugitive pushing emissions, for a by-product facility with vertical flues	40 C.F.R. § 63.7291	Corrective action if the average opacity for any individual push exceeds 30 percent opacity for any short battery, or 35 percent for any tall battery
Work practice standards for fugitive pushing emissions, for a by-product facility with horizontal flues	40 C.F.R. § 63.7292	Prepare and operate by a written plan to eliminate or minimize incomplete coking for each by-product coke oven battery with horizontal flues
Work practice standards for fugitive emissions for a non-recovery coke oven battery	40 C.F.R. § 63.7293	Visually inspect each oven prior to pushing by opening the door damper and observing the bed of coke Do not push the oven unless the visual inspection indicates that there is no smoke in the open space above the coke bed and there is an unobstructed view of the door on the opposite side of the oven
quenching	40 C.F.R. § 63.7294	Prepare and operate at all times according to a written work practice plan for soaking
soaking	40 C.F.R. § 63.7295	The concentration of total dissolved solids in the water must not exceed 1,100

		milligrams per liter (mg/L) Washing, maintenance, and repair and replacement of baffles in quench towers
Emission limitations	40 C.F.R. § 63.7296	For any battery stack, a daily average of 15 percent opacity for a battery on a normal coking cycle For any battery stack, a daily average of 20 percent opacity for a battery on batterywide extended coking
Operation and maintenance requirements	40 C.F.R. § 63.7300	Operate and maintain the facility in a manner consistent with good air pollution control practices for minimizing emissions Prepare and operate at all times according to a written operation and maintenance plan for the battery generally, as well as a plan for each capture system and control device applied to pushing emissions from a battery

SOURCE: 40 C.F.R. Part 63, Subpart CCCCC - National Emission Standards for Hazardous Air Pollutants for Coke Ovens: Pushing, Quenching, and Battery Stack and Subpart CCCCC, http://www.ecfr.gov/cgi-bin/text-idx?c=ecfr;sid=547e5a5a43a490ef2545903ef0a2729b;rgn=div6;view=text;node=40%3A14.0.1.1.1.4;idno=40;cc=ecfr