Federal Regulation of Coke Ovens:
Benzene NESHAP (part 61, subpart L)

Standard	Section	Qualitative Requirements	Leak Requirements
Process vessels, storage tanks, and tar-intercepting sumps	40 C.F.R. § 61.132	A coke byproduct recovery plant must enclose and seal all openings on each process vessel, tar storage tank, and tar-intercepting sump. It must duct gases from each process vessel, tar storage tank, and tar-intercepting sump to the gas collection system, gas distribution system, or other enclosed point in the by-product recovery process where the benzene in the gas will be recovered or destroyed.	A coke byproduct recovery plant must enclose and seal all openings on each process vessel, tar storage tank, and tar-intercepting sump.
Light-oil sumps	40 C.F.R. § 61.133	A facility with a light-oil sump must enclose and seal the liquid surface in the sump to form a closed system to contain the emissions. The venting of steam or other gases from the by-product process to the light-oil sump is not permitted.	If an instrument measures an organic chemical concentration more than 500 ppm above a background concentration, then there is a leak, which requires an attempt to repair within 5 days, and repair within 15 calendar days.

Naphthalene processing, final coolers, and final-cooler cooling towers	40 C.F.R. § 61.134	Zero emissions are allowed from naphthalene processing, final coolers and final-cooler cooling towers at coke by-product recovery plants.	_____
Equipment leaks	40 C.F.R. § 61.135	Exhausters must be monitored quarterly to detect leaks.	If an instrument measures an organic chemical concentration more than 10,000 ppm, then there is a leak, which requires an attempt to repair within 5 days, and repair within 15 calendar days.

SOURCE: 40 CFR Part 61, Subpart L, http://www.ecfr.gov/cgi-bin/text-idx?SID=fcecfdc427a4a5d3cd2c40591adda6f2&mc=true&node=sp40.9.61.l&rgn=div6