Environmental Protection Agency

§ 63.1035 Quality improvement program for pumps.

(a) Criteria. If, on a 6-month rolling average, at least the greater of either
10 percent of the pumps in a process unit or affected facility (or plant site)
safety hazard if capped or equipped with a double block and bleed system
as specified in paragraph (b) of this section are exempt from the requirements
of paragraph (b) of this section.

§ 63.1034 Closed vent systems and control devices; or emissions routed to
a fuel gas system or process standards.

(a) Compliance schedule. The owner or operator shall comply with this section
no later than the compliance date specified in the referencing subpart.

(b) Compliance standard. (1) Owners or operators routing emissions from
equipment leaks to a fuel gas system or process shall comply with the provi-
sions of subpart SS of this part, except as provided in §63.1002(b).

(2) Owners or operators of closed vent systems and control devices used to
comply with the provisions of this subpart shall comply with the provisions
of subpart SS of this part and (b)(2)(i) through (b)(2)(iii) of this section,
except as provided in §63.1002(b).

(i) Nonflare control devices shall be
designed and operated to reduce emis-
sions of regulated material vented to
them with an efficiency of 95 percent or
greater, or to an exit concentration of
20 parts per million by volume, whichever
is less stringent. The 20 parts per
million by volume standard is not ap-
licable to the provisions of §63.1016.

(ii) Enclosed combustion devices
shall be designed and operated to re-
duce emissions of regulated material
vented to them with an efficiency of 95
percent or greater, or to an exit con-
centration of 20 parts per million by
volume, on a dry basis, corrected to 3
percent oxygen, whichever is less string-
ent, or to provide a minimum resi-
dence time of 0.50 seconds at a min-
imum temperature of 760° C (1400° F).

(iii) Flares used to comply with the
provisions of this subpart shall comply
with the requirements of subpart SS of
this part.

§ 63.1033 Open-ended valves or lines
standards.

(a) Compliance schedule. The owner or
operator shall comply with this section
no later than the compliance date spec-
ified in the referencing subpart.

(b) Equipment and operational require-
ments. (1) Each open-ended valve or line
shall be equipped with a cap, blind
flange, plug, or a second valve, except
as provided in §§63.1021(b), 63.1036,
63.1037, and paragraphs (c) and (d) of
this section. The cap, blind flange,
plug, or second valve shall seal the
open end at all times except during op-
erations requiring process fluid flow
through the open-ended valve or line,
or during maintenance. The oper-
ational provisions of paragraphs (b)(2)
and (b)(3) of this section also apply.

(2) Each open-ended valve or line
equipped with a second valve shall be
operated in a manner such that the
valve on the process fluid end is closed
before the second valve is closed.

(3) When a double block and bleed
system is being used, the bleed valve or
line may remain open during opera-
tions that require venting the line be-
tween the block valves but shall com-
ply with paragraph (b)(1) of this section
at all other times.

(c) Emergency shutdown exemption.
Open-ended valves or lines in an emer-
gency shutdown system that are de-
signated to open automatically in the
event of a process upset are exempt
from the requirements of paragraph (b)
of this section.

(d) Polymerizing materials exemption.
Open-ended valves or lines containing
materials that would autocatalytically
polymerize or would present an explo-
sion, serious overpressure, or other

(iii) A facility permitted, licensed, or
registered by a State to manage munic-
ipal or industrial solid waste, if the
process fluids are not hazardous waste
as defined in 40 CFR part 261.

(5) Containers that are part of a
closed purge system must be covered or
closed when not being filled or
emptied.

(d) In-situ sampling systems. In-situ
sampling systems and sampling sys-
tems without purges are exempt from
the requirements of paragraphs (b) and
(c) of this section.