each gas detection and alarm system required by this section must—
(1) Continuously monitor the compressor building for a concentration of
gas in air of not more than 25 percent of the lower explosive limit; and
(2) If that concentration of gas is de-
tected, warn persons about to enter the
building and persons inside the build-
ing of the danger.
(c) Each gas detection and alarm sys-
tem required by this section must be
maintained to function properly. The
maintenance must include performance
tests.
[58 FR 48464, Sept. 16, 1993, as amended by
Amdt. 192–85, 63 FR 37504, July 13, 1998]

§ 192.739 Pressure limiting and regu-
lating stations: Inspection and test-
ing.
(a) Each pressure limiting station,
relief device (except rupture discs), and
pressure regulating station and its
equipment must be subjected at inter-
vals not exceeding 15 months, but at
least once each calendar year, to in-
spections and tests to determine that
it is—
(1) In good mechanical condition;
(2) Adequate from the standpoint of
capacity and reliability of operation
for the service in which it is employed;
(3) Except as provided in paragraph
(b) of this section, set to control or re-
lieve at the correct pressure consistent
with the pressure limits of §192.201(a);
and
(4) Properly installed and protected
from dirt, liquids, or other conditions
that might prevent proper operation.
(b) For steel pipelines whose MAOP is
determined under §192.619(c), if the
MAOP is 60 psi (414 kPa) gage or more,
the control or relief pressure limit is as
follows:

| If the MAOP produces a hoop |
| stress that is: | Then the pressure limit is: |
| Greater than 72 percent of |
| SMYS. Unknown as a percentage of |
| SMYS. | MAOP plus 4 percent. |
| A pressure that will prevent |
| unsafe operation of the |
| pipeline considering its op- |
| erating and maintenance |
| history and MAOP. |

§ 192.741 Pressure limiting and regu-
lating stations: Telemetering or re-
cord ing gauges.
(a) Each distribution system supplied
by more than one district pressure regu-
lating station must be equipped with
telemetering or recording pressure
gauges to indicate the gas pressure in
the district.
(b) On distribution systems supplied
by a single district pressure regulating
station, the operator shall determine
the necessity of installing telemetering
or recording gauges in the district,
taking into consideration the number
of customers supplied, the operating
pressures, the capacity of the installa-
tion, and other operating conditions.
(c) If there are indications of abnor-
mally high or low pressure, the regu-
lator and the auxiliary equipment
must be inspected and the necessary
measures employed to correct any un-
satisfactory operating conditions.

§ 192.743 Pressure limiting and regu-
lating stations: Capacity of relief
devices.
(a) Pressure relief devices at pressure
limiting stations and pressure regu-
lating stations must have sufficient ca-
pacity to protect the facilities to which
they are connected. Except as provided
in §192.739(b), the capacity must be
consistent with the pressure limits of
§192.201(a). This capacity must be de-
termined at intervals not exceeding 15
months, but at least once each cal-
endar year, by testing the devices in
place or by review and calculations.
(b) If review and calculations are
used to determine if a device has suffi-
cient capacity, the calculated capacity
must be compared with the rated or ex-
perimentally determined relieving ca-
pacity of the device for the conditions
under which it operates. After the ini-
tial calculations, subsequent calcula-
tions need not be made if the annual
review documents that parameters
have not changed to cause the rated or exper-
imentally determined relieving capac-
ity to be insufficient.
(c) If a relief device is of insufficient
capacity, a new or additional device