§ 164.009–19 Measurement of moisture
and volatile matter content.

(a) The measurements described in
this section are made to determine the
moisture and volatile matter content
of a sample.

(b) A specimen cut from the density
specimen of a sample is conditioned for
at least one week, and for any addi-
tional time needed for the specimen to
reach a constant weight, in an atmos-
phere that is 22.8 °C. ±2 °C., and 50 per-
cent ±5 percent relative humidity. The
conditioned specimen is then weighed
and transferred to a previously weighed
wide mouth weighing bottle that has a
glass stopper. With the stopper re-
moved, the bottle, stopper, and speci-
men are heated at 105 °C. ±5 °C. for four
hours. After four hours, the stopper is
inserted in the bottle and the bottle
and sample are cooled and weighed.

(c) The content of moisture and vola-
tile matter is the difference between
the two weighings and is reported as a
percentage of the weight of the condi-
tioned specimen.

§ 164.009–21 Laboratory report.

The laboratory report of the test and
measurements of a material contains
the following:

(a) Name of the designated labora-
tory.

(b) Name of manufacturer of the ma-
terial.

(c) Date of receipt of the material
and dates of the test and measure-
ments.

(d) Trade name of the material.

(e) Description of the material.

(f) Density of the sample.

(g) Percentage of moisture and vola-
tile matter in the sample.

(h) Description of the specimens test-
ed if the specimens are prepared from
composite material.

(i) If the test was done on individual
components of the sample, a descrip-
tion of the components.

(j) Test results including the fol-
lowing:

(1) Complete time and temperature
data for each thermocouple.

(2) Each observation of flame emis-
tion and the time and duration of each
emission.

§ 164.009–23 Factory inspection.

The Coast Guard does not inspect
noncombustible materials approved
under this subpart on a regular sched-
ule. However, the Commander of the
Coast Guard District in which a fac-
tory is located may detail a marine in-
spector at any time to visit a factory
where a noncombustible material is
manufactured to conduct an inspection
of the manufacturing and quality con-
trol procedures and to select represent-
ative samples of the material for exam-
ine or tests to verify that the ma-
terial is as stated in the original appli-
cation for approval. The manufacturer
is advised in advance of the time of
testing samples selected and may wit-
ness the tests upon request.

§ 164.009–25 Marking.

The manufacturer must mark each
shipping container for an approved
noncombustible material with the ap-
proval number and date of approval of
the material.

Subpart 164.012—Interior Finishes
for Merchant Vessels

§ 164.012–1 Applicable specifications.

(a) The following specifications, of
the issue in effect on the contract date
for the particular installation on any
vessel, form a part of this subpart:

(1) American Society for Testing Ma-
terials’ standard: E 84–98, Standard
Test Method for Surface Burning Char-
acteristics of Building Materials.

(2) National Fire Protection Associa-
tion’s standard: NFPA No. 255—Method
of Test of Surface Burning Characteris-
tics of Building Materials.

(3) Coast Guard specifications:
164.008—Bulkhead Panels for Merchant
Vessels. 164.009—Incombustible Mate-
rials for Merchant Vessels.

(b) A copy of this subpart, together
with copies of the specifications re-
ferred to in this section, shall be kept
on file by the manufacturer of any In-
terior Finish except those qualifying
under §164.012–5(c). It should be noted
that the standards listed in paragraphs