

## 2021 Virginia Construction Code

### CHAPTER 17 SPECIAL INSPECTIONS AND TESTS

#### SECTION 1706 DESIGN STRENGTHS OF MATERIALS

##### 1706.1 Conformance to standards.

The *design strengths* and permissible stresses of any structural material that are identified by a manufacturer's designation as to manufacture and grade by mill tests, or the strength and stress grade is otherwise confirmed to the satisfaction of the *building official*, shall conform to the specifications and methods of design of accepted engineering practice or the *approved* rules in the absence of applicable standards.

##### 1706.2 New materials.

For materials that are not specifically provided for in this code, the *design strengths* and permissible stresses shall be established by tests as provided for in [Section 1707](#).