

# 2021 Virginia Construction Code

## CHAPTER 22 STEEL

### SECTION 2206

### COMPOSITE STRUCTURAL STEEL AND CONCRETE STRUCTURES

#### 2206.1 General.

Systems of *structural steel elements* acting compositely with reinforced concrete shall be designed in accordance with [AISC 360](#) and [ACI 318](#), excluding [ACI 318](#) Chapter 14.

#### 2206.2 Seismic design.

Where required, the seismic design, fabrication and erection of composite steel and concrete systems shall be in accordance with [Section 2206.2.1](#).

##### 2206.2.1 Seismic requirements for composite structural steel and concrete construction.

Where a response modification coefficient,  $R$ , in accordance with [ASCE 7](#), Table 12.2-1, is used for the design of systems of structural steel acting compositely with reinforced concrete, the structures shall be designed and detailed in accordance with the requirements of [AISC 341](#).