

CODE

where the value of f_{yt} shall not be taken greater than 690 MPa.

25.7.3.4 Spirals shall be anchored by 1-1/2 extra turns of spiral bar or wire at each end.

COMMENTARY

tion of Eq. (25.7.3.3) is given by Richart (1933). Tests and experience show that columns containing the amount of spiral reinforcement required by this section exhibit considerable toughness and ductility. Research (Richart et al. 1929; Richart 1933; Pessiki et al. 2001; Saatcioglu and Razvi 2002) has also indicated that up to 690 MPa yield strength reinforcement can be effectively used for confinement.

R25.7.3.4 Spiral anchorage is illustrated in Fig. R25.7.3.4.

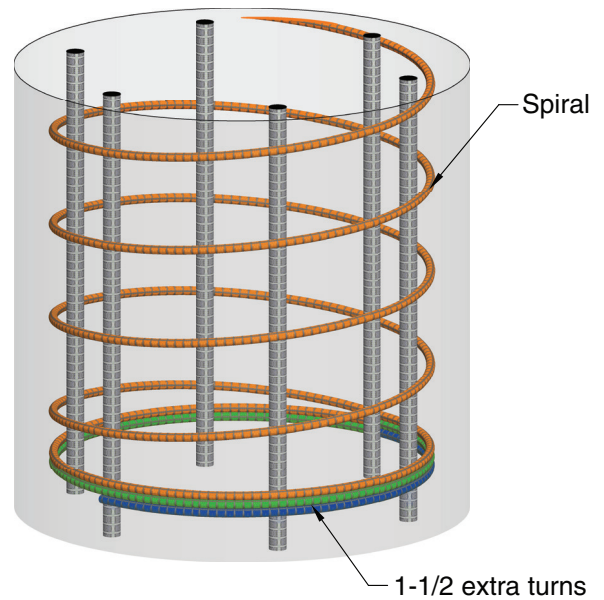


Fig. R25.7.3.4—Spiral anchorage.

25.7.3.5 Spirals are permitted to be spliced by (a) or (b):

- (a) Mechanical or welded splices in accordance with 25.5.7
- (b) Lap splices in accordance with 25.7.3.6 for f_{yt} not exceeding 420 MPa

25.7.3.6 Spiral lap splices shall be at least the greater of 300 mm and the lap length in Table 25.7.3.6.