- WAC 296-155-695 Miscellaneous concrete construction. (1) General provisions.
- (a) Deadheads used in post tensioning of tendons must be the type that will increase the grip on the cable as the tension is increased.
- (b) Proper means and equipment must be used to prevent the overtensioning of the tendons.
  - (c) Only qualified workers must perform this type work.
  - (2) Prestressed and poststressed concrete operations.
- (a) Anchor fitting. In utilizing anchor fittings for tensioned strands, the recommendations and instructions of the supplier concerning installation, maintenance, and replacement must be followed.
- (b) You must keep tools and strand vices clean and in good repair.
  - (c) Safety factor.
- (i) Expendable strand deflection devices used to pretension concrete members must have a minimum safety factor of two.
- (ii) Reusable strand deflection devices must have a minimum safety factor of 3.
  - (d) Jacking operations.
- (i) During jacking operations of any tensioning element or group of tensioning elements, you must keep the anchors turned up close to the anchorplate.
- (ii) You must not permit anyone to stand in line or directly over the jacking equipment during tensioning operations.
- (iii) Employees must not stand behind the jack during tensioning operations.
- (e) Jacking and pulling equipment. You must frequently inspect headers, bolts, and hydraulic rams for indication of fatigue, and the threads on bolts and nuts inspected for diminishing cross section.
- (f) Storage. You must store stressed members on a level base and adequately supported during storage and transportation to prevent tipping.
  - (g) Rigging.
- (i) You must handle stressed members at pick points specifically designated on the manufacturer's drawings.
- (ii) You must lift stressed members with lifting devices recommended by the manufacturer or the engineer in charge.
- (iii) You must not allow anyone under stressed members during lifting and erection.

[Statutory Authority: RCW 49.17.010, 49.17.040, 49.17.050, 49.17.060. WSR 16-09-085, § 296-155-695, filed 4/19/16, effective 5/20/16. Statutory Authority: Chapter 49.17 RCW. WSR 89-11-035 (Order 89-03), § 296-155-695, filed 5/15/89, effective 6/30/89. Statutory Authority: RCW 49.17.040 and 49.17.050. WSR 86-03-074 (Order 86-14), § 296-155-695, filed 1/21/86; Order 74-26, § 296-155-695, filed 5/7/74, effective 6/6/74.]