

# List of Relevant Construction Safety Order Sections

The *Trenching and Shoring Manual* Chapter 1, *Legal Requirements*, and Chapter 2, *Cal/OSHA Overview*, provides discussion on the applicable *Construction Safety Orders* (CSO) related to excavations. Chapter 1, *Legal Requirements*, of this manual provides the details for how the California Labor Code empowers the California Division of Occupational Safety and Health Administration, also known as Cal/OSHA. The Labor Code, Division 5, *Safety in Employment*, Section 6300, establishes the California Occupational Safety and Health Act and Section 6307 gives Cal/OSHA the power to enforce and administer the various safety orders within *California Code of Regulations* (CCR), Title 8. Chapter 2, *Cal/OSHA Overview*, presents an overview of the Cal/OSHA requirements applicable to excavations. Finally, Appendix 1, *California Occupational Safety and Health Standards for Excavations*, provides the specific contents of the safety orders listed below.

The following Cal/OSHA references are applicable to typical excavations and shoring, and share a common file path within CCR, Title 8, Division 1. Note that the Cal/OSHA *Construction Safety Orders* (CSO) are contained within Subchapter 4 of Chapter 4, *Division of Industrial Safety*, and that all but the first reference below are from Article 6, *Excavations*. Also note that as Cal/OSHA enforces the CSOs, it is often included in the citation (as in Cal/OSHA CSO, §1540, *Excavations*), but will be omitted below to clearly illustrate the CCR title path.

1. Chapter 3.2 (Cal/OSHA), Subchapter 2, Article 2, [§ 341](#), *Permit Requirements*, subsection (d)(5)(A)
2. CSO, [§ 1540](#), *Excavations*
3. CSO, [§ 1541](#), *General Requirements*
4. CSO, [§ 1541.1](#), *Requirements for Protective Systems*
5. CSO, § 1541.1, [Appendix A](#), *Requirements for Protective Systems – Soil Classification*
6. CSO, § 1541.1, [Appendix B](#), *Requirements for Protective Systems – Sloping and Benching*
7. CSO, § 1541.1, [Appendix C](#), *Requirements for Protective Systems – Timber Shoring for Trenches*
8. CSO, § 1541.1, [Appendix D](#), *Requirements for Protective Systems – Aluminum Hydraulic Shoring for Trenches*
9. CSO, § 1541.1, [Appendix E](#), *Requirements for Protective Systems – Alternatives to Timber Shoring*.

10. CSO, § 1541.1, [Appendix F](#), *Requirements for Protective Systems*
11. CSO, [§ 1542](#), *Shafts*
12. CSO, [§ 1543](#), *Cofferdams*