

# Essential Equipment Lists

Each SC Technical Team customizes an Essential Equipment List in accordance with their subject matter requirements. If the procurement source is known for this equipment, that may be added.

1. Electronic equipment:
  - a. Identify any specific programs needed for the process.
  - b. Identify what programs may be helpful, especially if it is free ware or available through a group license at no added cost.
  - c. Identify a list of helpful links (Title 8 search, etc.).
2. Tools/Equipment for inspection:
  - a. Specialized tools that we maintain that require specialized training and maintenance, e.g.:
    - i. Fall Protection – semi-annual documented inspections.
    - ii. Confined Space – air monitoring and gas testing.
    - iii. Calibrated equipment.
    - iv. Other.
  - b. Specialized tools that we get from other functional units with timelines and contacts (Profilograph, pile testing, e.g.).
  - c. Specialized equipment that should be provided by the Contractor per the contract documents.
3. Tools/equipment for material testing:
  - a. Refer to the [Caltrans Lab Safety Manual](#) and specific test methods to help determine specialized equipment needs for their subject matter. Note that this manual can be accessed via the Materials Engineering and Testing Services ([METS](#)) intranet link.
4. Personal protection equipment:

Refer to [Caltrans Code of Safe Practices](#) (CT COSP) and apply the relevant sections of the SC COSP for the specific operation (available under the [SC intranet link](#), under the “Safety Tab”). Be sure to coordinate this effort with the Resident Engineer. Each project should have only one project-specific COSP:

- a. Refer to [CT Safety Manual](#) for the specific operation.
- b. Note that some specialized personal protective equipment (PPE) like respirators (refer to Section 4-4, *Respirators*, of Attachment 1, *SC Staff Responsibilities for Performing Operational Activities*, of [BCM A-1](#), *SC Staff Responsibilities for Processes Owned by Others*) require medical exams and specialized training.

5. List helpful but not essential tools:
  - a. Sound meters, light meters (there are some available in app form for smart phones and tablets).
  - b. Smart levels, total station, e.g.