

Replace section 5-1.14 with:

5-1.14 SAFETY QUALITY CONTROL MANAGER

5-1.14A General

Designate a full-time, on-site safety quality control manager (SQCM) to superintend project safety for the duration of this Contract while work is being performed. The SQCM may not perform other non-safety related work. The SQCM must be available after hours as needed. The SQCM is not required to be on-site during plant establishment period, erosion control establishment period or temporary suspension when no other Contract work is being performed.

Develop a written site-specific safety program (SSSP) that incorporates known hazards associated with the project.

5-1.14A(1) Submittals

Submit a resume of the SQCM before starting work on the project, including education, completed safety training, and safety experience in heavy construction, heavy industrial, or oil and energy industry.

Submit a copy of the SQCM's certificate for the Cal/OSHA 30-hour – Cal/OSHA Standards for the Construction Industry or OSHA 510 - OSHA Standards for the Construction Industry training course as an informational submittal. The certificate must include:

1. Names of Department authorized entity providing certification
2. Name of the individual receiving certification
3. Date when the certification was provided
4. Expiration date

Submit a copy of the SSSP as informational submittals:

1. At least 15 days before starting work
2. At least 48 hours before starting work whenever a revision is made to the SSSP

Submit daily safety status reports within two business days of report date, including completed construction site safety inspection checklists as informational submittals.

5-1.14A(2) Quality Assurance

5-1.14A(2)(a) General

Not Used

5-1.14A(2)(b) Certifications

The SQCM must have completed training and received a certificate of completion for the Cal/OSHA 30-hour – Cal/OSHA Standards for the Construction Industry or OSHA 510 – OSHA Standards for the Construction Industry training course.

The SQCM must have one of the following certifications:

1. Certified Safety Professional from the Board of Certified Safety Professionals
2. Construction Health and Safety Technician from the Board of Certified Safety Professionals
3. Occupational Hygiene and Safety Technician from the Board of Certified Safety Professionals
4. Safety Trained Supervisor from the Board of Certified Safety Professionals
5. Safety Trained Supervisor Construction from the Board of Certified Safety Professionals
6. Associate Safety Professional from the Board of Certified Safety Professionals
7. Master Safety Professional from the National Association of Safety Professionals
8. Certified Safety professional from the National Association of Safety Professionals

5-1.14A(2)(c) Qualifications

The SQCM must be a competent and qualified person, as defined by Cal/OSHA, and must provide safety oversight on the project. The SQCM must have:

1. At least 5 years of safety experience in heavy construction, heavy industrial, or oil and energy industry.
2. Knowledge in the area of safety procedure for all types of work being performed on this project
3. Knowledge of Caltrans specifications and plans, Cal/OSHA policy and procedures, and 8 CA Code of Regs safety requirements

The SQCM must have completed safety training and maintain valid certifications for:

1. First aid
2. Cardiopulmonary resuscitation
3. Confined space
4. Fall protection

5-1.14B Responsibilities and Requirements

The SQCM must be available by:

1. Cellular telephone
2. Two-way radio
3. Mobile internet access

The SQCM must:

1. Develop the SSSP
2. Confirm each worker's compliance with the Cal/OSHA drug testing requirements
3. Conduct the on-site new project orientation for each worker assigned to the project
4. Review the construction work plans for each subcontractor before starting work
5. Conduct or attend pre-planning sessions for high hazard work such as excavations, demolition, confined space entry, falsework, crane hoisting, high-risk utilities such as, high pressure pipelines with fuel or natural gas, and tunneling or boring
6. Conduct weekly job site safety meetings
7. Review work schedules including subcontractors', to ensure adequacy of job hazard analyses and address all safety concerns and issues
8. Ensure safety data sheets are available on-site for all materials and have a hazard communication program for informing workers of material hazards
9. Verify compliance with hazardous waste requirements under section 14-11, including spill prevention and control measures
10. Conduct daily safety inspection of the job site for hazards and compliance with safety requirements in the specifications and 8 CA Code of Regs
11. Document safety inspections at every location where construction activity is active using a construction site safety inspection checklist that includes at a minimum:
 - 11.1. Date
 - 11.2. Name of inspector
 - 11.3. Inspection location
 - 11.4. Construction activity
 - 11.5. Name of foreperson
 - 11.6. Safety topics that include:
 - 11.6.1. General
 - 11.6.2. Housekeeping and sanitation
 - 11.6.3. Fire prevention
 - 11.6.4. Personal protective equipment
 - 11.6.5. Electrical safety
 - 11.6.6. Hand and power tools
 - 11.6.7. Falsework safety
 - 11.6.8. Scaffolding safety
 - 11.6.9. Ladder safety
 - 11.6.10. Excavations and trenches
 - 11.6.11. Heavy equipment
 - 11.6.12. Cranes
 - 11.6.13. Concrete construction
 - 11.6.14. Steel erection

- 11.6.15. Welding and cutting
- 11.6.16. HMA or concrete paving
- 11.6.17. Tunneling
- 11.6.18. Confined space
- 11.6.19. Fall protection
- 12. Ensure that the lane closure traffic control daily report is completed by the traffic control technicians and traffic control daily review report is completed by the traffic control supervisor when a traffic control supervisor is required
- 13. Review the lane closure traffic control daily reports and traffic control daily review reports for any work zone related safety issues
- 14. Revise SSSP to include procedures to mitigate hazardous situations identified in construction site safety inspections, lane closure traffic control daily reports, and traffic control daily review reports
- 15. Investigate any near misses or reported incidents in a timely manner and take appropriate action to prevent similar incidents in the future
- 16. Report all incidents to the Engineer immediately, including the investigation of any close calls
- 17. Prepare a daily safety status report that includes:
 - 17.1. Daily construction work activities, including temporary traffic control
 - 17.2. Safety related field activities
 - 17.3. Identified safety deficiencies and corrective actions taken
 - 17.4. Meetings, conversations, and other communications related to safety issues
 - 17.5. Any reported near misses or incidents
- 18. Submit daily safety status reports to the Contractor's on-site superintendent for submittal to the Engineer

When monitoring work zone, take immediate corrective action and notify the Engineer if an imminent danger is identified.

If the Engineer determines the SQCM is not meeting the intended duties and responsibilities, you must replace the SQCM within 30 days of written notice from the Engineer. If you need to replace the SQCM, notify the Engineer and provide replacement SQCM resume and required certifications at least 15 days before the replacement.

You may submit a secondary SQCM to act on behalf of the designated SQCM during extended shifts, continuous operations, or short-term absences that will not exceed 14 days in duration. The secondary SQCM must meet the same required qualifications and certifications as the designated SQCM.

5-1.14C Payment

Not Used