

Table 1 – Building Inspection Office SME Plan Review Matrix 3.14.2024

ENTITY PERFORMING REVIEW	NFPA CODES	CBC CPC CMC	NFPA 70 NEC	CA FIRE CODE	Access sibilit y	29 CFR 1910, 1926 (OSHA)	CAL/OSHA CCR Title 8	OTHER REVIEW
BIO Plan Reviewers M. Matthews, K. Brenton	X	X	X	X	X	X		X ^{3,4,5,13,14}
Fire Marshal Office R. Kerwin, S. Coleman	X	X ¹	X	X	X ²			X ¹⁷
Electrical Systems – NFPA 70 D. Stickney			X			X		X ¹⁶
Electrical Safety Officer - NFPA 70E Keith Jobe								X ¹⁶
Structural Review B. Brunette, 4 Leaf SME		X ³						
Pressure Systems Program Manuel Gonzalez								X ^{4, 15}
Construction and Industrial Safety, OSHA G. Johnson, R. Razik						X (1910 & 1926)	X	X ⁵
Industrial Hygiene M. McDaniel, R. Razik						X (1910 & 1926)	X	X ¹¹
Air Quality M. Coladonato								X ⁶ X ⁷
Hazardous Materials A. Alexiev				X				X ⁸
Waste Management A. Alexiev	X			X				X ^{16,4,6,7,9}
Waste Minimization M. DeCamara								X ¹²
Environmental Compliance M. DeCamara								X ⁹
Radiation Protection H. Brogonia, J. Blaha, J. Liu								X ⁴
NEPA W. Greene								X ¹⁸
Plants/Wildlife W. Greene								X
Wastewater and Storm Water (SWPPP) H. Benz								X
Spill Prevention Controls and Countermeasures C. Daqiq								X ¹⁹
Environmental Restoration A. Ng,								X

Table 1 Notes:

1. Review limited to CBC Life Safety and Fire Protection considerations.
2. Review Limited to Accessibility requirements for Fire Alarm System components.

3. Review of Structural Plans, Specs, Calcs, for CBC compliance and for compliance with SLAC *Seismic Design Specification for Buildings, Structures, Equipment and Systems: 2023* (SLAC-I-720-0A24E-001-R007)
4. 10 CFR 851, as modified by RWG Contract
5. SLAC ESH Manual
6. National Emission Standards for Hazardous Air Pollutants (NESHAP)
7. Bay Area Air Quality Management District (BAAQMD)
8. SLAC ESH Manual Chapter 40 – Hazardous Materials
9. Spill, Hazard Material, PCB, Hazard Waste, Excavation and Storm water Chapter, Spill Prevention Controls and Countermeasures (SPCC) and the Storm Water Prevention Program (SWPPP). See SLAC ESH Manual Chapters 16, 17, 22, 26, 30 and 43.
10. Shared area or system managers. Divisional Safety Coordinators included-for advisory, review and coordination purposes.
11. CGA P-1 – 2000 Safe Handling of Compressed Gases in Containers
12. SLAC ESH Manual Chapter 22; DOE Orders 450.1A and 430.2B
13. Leadership in Energy and Environmental Designs (LEED), CA Energy Code, SLAC Division 1 Section 0118113
14. Damage Assessment and California Safety Assessment Program (SAP)
15. Pressure Vessels, Process Piping, Vacuum Systems, ASME B31 series, SLAC ESH Manual Chapter 14
16. ANSI/IEEE C-2, National Electrical Safety Code (Underground 12kV) and NFPA 70E, Electrical Safety in the Workplace.
17. DOE-O-420.1C, Facility Safety, FSR Chapter 2, Fire Protection (See SLAC EHS Manual Chapter 12)
18. National Environmental Policy Act (NEPA) - 42 U.S.C. 4321 et seq. (see SLAC ESH Manual Chapter 22)
19. Spill Prevention, Controls, and Countermeasures (SPCC) - 40 CFR 112 (also see SLAC ESH Manual Chapter 16)