

**RISK MANAGEMENT AND PREVENTION PROGRAM SPECIALIST (7980)
Task List 2026**

1. Reviews Risk Management and Prevention Programs, as well as technical reports prepared by chemical manufacturing facilities, regarding risk assessments and engineering safety evaluations of chemical operations involving acutely hazardous materials in order to comply with Title 19.
2. Evaluates Hazard and Operability (HAZOP) engineering studies, including piping and instrumentation diagrams, as well as process flow diagrams in order to determine the adequacy of existing safety and control measures.
3. Evaluates the engineering and operating safeguards provided in the design data of specific chemical processes involving acutely hazardous materials to minimize the potential for catastrophic environmental releases in order to comply with industry standards.
4. Reviews root cause analysis of incidents to identify underlying system failures and implement corrective actions in order to determine the cause of the incident.
5. Validates chemical release scenarios used in off-site Consequence Analysis (OCA) studies and applies the resulting data to assess community vulnerabilities in order to comply with Title 19.
6. Conducts on-site inspections to evaluate the implementation of Risk Management and Prevention Programs, including facility walk-throughs and reviews written training materials, maintenance and operation procedures, and audit and recordkeeping procedures in order to comply with Title 19.
7. Attends technical training seminars and conferences in order to stay informed on emerging industry trends and regulatory updates.
8. Provides technical assistance to the Risk Management and Prevention Program Manager during consultations with facility management or contract agents regarding the development of Risk Management and Prevention Programs for chemical processes involving acutely hazardous materials in order to ensure that management receives up-to-date information.
9. Acts as a technical resource and provides expert advice by referencing computer databases and written reference materials during emergency and non-emergency situations in order to provide the most current safety information to relevant parties.
10. Serves the City by providing expert witness testimony in court or before the City Council as necessary in order to guarantee the provision of precise and reliable information.
11. Prepares clear, concise, and technically sound reports containing findings, conclusions, and recommendations, including those used in legal actions in connection with the enforcement of release prevention requirements in order to ensure compliance with Title 19.