

# Joel Kohler PMP, Project Manager, Project Engineer

920 Sunflower St., Louisville, CO 80027 • Phone 303/665-5517 Cell 303/929-9550 • [jkohler173@aol.com](mailto:jkohler173@aol.com)

---

**Project Engineer PMP**, with exceptional credentials managing project scope, cost, and schedule, in a multi-disciplined organizational environment, delivering successful industrial projects from developing user requirements, scope definition leading to conceptual design, construction, startup, and turnover. Typical completed projects include:

- **Oil & Gas:** Suncor Project Engineering Manager and EPC coordinator for \$500 Million - 320 MW gas turbine co-generation addition.
- **Infrastructure:** NREL Project Manager for \$5.4 Million design build automation and site wide security control system connecting twenty facilities across two campuses.
- **Nuclear:** Los Alamos design package manager and project coordinator for \$3.0 Million new nuclear facility design and construction.
- **Renewable:** Project Manager for Minera El Tesoro Solar Thermal Project in Calama Chile including scope, schedule and budget control.

**Project Manager PMP** with current credentials managing a \$20 Million portfolio infrastructure, energy, and facilities improvements and additions for the National Renewable Energy. Typical activities include:

- Controlling program budget and individual project budgets across all program projects.
- Implementing and maintaining weekly program manager meeting with project managers focused on identifying and resolving technical and budget issues that might have a negative impact on the progress.
- Single point of contact for all program related communications with internal/external stakeholders.
- Developing clear and concise weekly/monthly program management reports detailing program across schedule, budget and technical issues.
- Managing and tracking the Design Change and the Request For Information Processes.
- Developing and maintaining the program risk registry.

## EDUCATION LICENSES AND CERTIFICATIONS

- PMP Certification as Project Management Professional, Project Management Institute
- M.B.A., Finance, Northwestern University
- M.E., Nuclear Engineering, New York University
- B.A., Mathematics, Temple University
- Inactive Q Clearance, Los Alamos

## KEY SKILLS AND QUALIFICATIONS

- **Leadership:** Hands on experience building and leading project teams and stakeholder groups from project initiation through project operations.
- **Collaboration and Integration:** Routinely collaborates with a diverse group of subject matter experts during project initiation, scope development, and project execution.
- **Change Management:** Direct experience with managing the RFI and design change processes.
- **Multi-tasking:** Managing multiple scopes, schedules, budgets, and stakeholder communications.
- **Communications:** Excellent communicator with verbal, writing and presentation skills attuned to project goals and stakeholder needs.
- **Negotiation and Problem Solving:** Conversant across multiple engineering disciplines, understands complex problems and capable of negotiating mutually acceptable solutions.
- **Team Building:** Hands on experience building and leading project teams from project initiation through project operations.

# Joel Kohler PMP, Project Manager, Project Engineer

920 Sunflower St., Louisville, CO 80027 • Phone 303/665-5517 Cell 303/929-9550 • [jkohler173@aol.com](mailto:jkohler173@aol.com)

---

## PROFESSIONAL EXPERIENCES

### 2012 – Present Abengoa Solar Industrial Systems Project Manager, Lakewood, Colorado

- **PMP PMI certified Project Engineering Manager** responsible for managing US design, and startup of the Minera El Tesoro Solar Thermal Plant in Calama Chile including managing scope, schedule and budget.

### 2009 – 2011 US National Renewable Energy Laboratory, Golden, Colorado

- **PMP Program and Project Manager** responsible for managing \$20 Million program using design build and EPC delivery method from developing user requirements through design, construction, startup and turnover.
- \$5.0 Million **high efficiency heating and cooling upgrade** to central heating plant.
- \$10.0 Million facility addition of **renewable energy** (photo-voltaic) addition.
- \$5.4 Million design build **facilities automation and site wide security control system** connecting twenty facilities across two campus.

### 2007 – 2009 Suncor Energy Inc., Denver, Colorado

- **Denver Area Project Engineer** with direct responsibility managing Suncor's URS - EPC design development of 320 MW Gas Turbine Co-Generation and High Voltage Distribution (260 kV and 144 kV) for Suncor's oil sands development in Alberta, Canada. At Suncor, Mr. Kohler acted as the Project Engineer assisting the Suncor PM in managing the URS design and construction development.
- Managed project communications with key project staff members and stakeholders in the US and Canada.
- Analyzed project progress using the earned value management system.

### 2005 – 2007 US Department of Energy, Los Alamos National Laboratory, Los Alamos New Mexico

- **Design Package Manager** for the Confinement Vessel Disposition Project in the Chemical and Metallurgical Research Building.
- **Senior Project Engineer.** Responsible for re-engineering and restarting the Confinement Vessel Disposition Project (CVD) in accordance with a new safety analysis.
- Redesigned the cradle-to-grave process flow for a contaminated vessel so that regulatory concerns about the seismic analysis were answered.
- Developed the preliminary design documents and demonstrated that the new design complied with the requirements of the safety analysis. Defended the design to Los Alamos management, and prepared the design documents for re-submittal to the DOE.

### 2002 – 2005 Washington Group, Denver, Colorado

- **Project Design Integration Engineer** for the US DOE Pit Disassembly and Conversion Project.
- Managed final design configuration with the goal of identification and elimination of design mismatches across engineering and safety disciplines.
- Designed and implemented design change-control process involving tracking, documentation, and communication of design changes.
- Reviewed work packages for compliance with engineering principals, company standards, and contract requirements.

## Joel Kohler PMP, Project Manager, Project Engineer

920 Sunflower St., Louisville, CO 80027 • Phone 303/665-5517 Cell 303/929-9550 • [jkohler173@aol.com](mailto:jkohler173@aol.com)

---

### **1995 – 2002 Los Alamos National Laboratory, Los Alamos New Mexico, Rocky Flats Site, Golden, Co**

- **Facility Planner** Chemical and Metallurgical Research Building.
- Responsible for developing integrated facility schedule for all CMR tenants.
- **Decommissioning Lead** Building 371 Tank Farm.
- Appointed in 2000 to lead the Tank Disposition Project. Responsible for developing the decommissioning plan and leading the team that emptied 70 high-concentration plutonium tanks.
- Selected and trained crew from the available plant operators. Wrote procedure documenting every move required, every piece of equipment needed, and every risk expected.
- Dealt with project technical uncertainties, unionized labor issues, and organizational roadblocks.
- Managed tight schedules. Satisfied top management, which was watching this job closely because it was on the critical path, and could adversely affect the contractor's performance and fee.
- Worked with a local inventor to develop a vacuum cleaning system that was able to empty a tank and package the contents in about five hours.

### **1991 – 1994 Reliance Capital Group Consulting, Boulder, Colorado**

- **Principal Consultant** with direct experience developing RCG's energy and environmental consulting practice. Mr. Kohler was directly involved with managing RCG nuclear power proprietary nuclear power databases.

### **1984 – 1991 Capital Associates International, Boulder, Colorado**

- **Director of Lease Syndication** with direct experience financing equipment purchases through sale leaseback agreements with banks, and corporations. Mr. Kohler was directly involved with the following project elements purchasing and selling portfolios of leased assets.

### **1982 – 1984 Signal Oil and Gas – Universal Oil Products, Chicago, Illinois**

- **Senior Financial Analyst** and part of the project team that developed refuse to energy facilities in the United States. Mr. Kohler was directly involved with pro-forma economic analysis of refuse energy and clean water businesses.

### **1978 – 1982 US Nuclear Regulatory Commission, Chicago, Illinois**

- **NRC Nuclear Engineer, Nuclear Power Reactor Inspector, Senior Resident Inspector**
- Applied nuclear engineering principles and practices.
- Conducted nuclear reactor inspections for eight years.
- Held responsible positions as a Nuclear Engineering Technical Specialist, a Boiling Water and Pressurized Water Reactor Inspector, and Resident Inspector at a 2,000 megawatt PWR Nuclear Power Station.

### **1976 – 1978 US Atomic Energy Commission, Washington, DC**

- Nuclear Safety Analyst with the AEC.
- Demonstrated analytical capability in the evaluation and interpretation of complex technical subject matter. Vast experience in comprehensive written and oral decision-making.
- Participated as a team member, along with the NRC Project Managers, Reactor Engineers, and Health Physicists.
- Evaluated the suitability of sites for proposed nuclear generating stations. Site Analyst in charge of developing the Site Safety Evaluation Reports (SSER) for the Seabrook and Newbold Island licensing hearings.
- Analyzed design basis accidents for Seabrook, and Hope Creek nuclear sites.

## Joel Kohler PMP, Project Manager, Project Engineer

920 Sunflower St., Louisville, CO 80027 • Phone 303/665-5517 Cell 303/929-9550 • [jkohler173@aol.com](mailto:jkohler173@aol.com)

---

### EMPLOYMENT HISTORY

2011 – Now PMP Project Manager, KPM Inc. Boulder Colorado subcontract to Abengoa Solar  
2009 – 2011 PMP Project Manager Level 3, US National Renewable Energy Laboratory, Golden, Colorado.  
2007 – 2009 Area Project Engineer, Firebag Cogeneration Project, Suncor Energy, Alberta, Canada.  
2005 – 2007 Senior Project Engineer, Confinement Vessel Disposition Project Los Alamos National Laboratory, Los Alamos, New Mexico.  
2002 – 2005 Design Manager, Configuration Manager, Planning and Integration Manager, GD Barri and Washington Group International, Inc., Denver, Colorado.  
2001 – 2002 Project Engineer, Los Alamos National Laboratory, CMR Facility, Los Alamos, New Mexico.  
1995 – 2001 Lead Project Engineer, Rocky Flats Environmental Test Site, Golden, Colorado.  
1991 – 1995 Management Analyst, A.T. Kearney, Atlanta, Georgia.  
1991 – 1994 Principal, RCG Hagler Bailly, Inc., Boulder, Colorado.  
1984 – 1991 Finance Manager, Capital Associates, Inc., Boulder, Colorado.  
1982 – 1984 Financial Analyst, Allied Signal/Universal Oil Products, Chicago, Illinois.  
1976 – 1982 Senior Resident Nuclear Reactor Inspector, U.S. Nuclear Regulatory Commission, Bethesda, Maryland.