

Instrumentation Engineer

Instrumentation Engineer for industrial process facilities engineering and design firm company located in Orchards, WA. Responsible for preparing instruments and control system specifications, instrument data sheets and other standard discipline deliverables. Responsible for review of instrument and control systems vendor drawings and data. Interface with suppliers, clients, other engineering disciplines and designers. Participates in development of P&IDs, equipment/material specifications, logic diagrams, cause & effect diagrams, controls narratives, functional specifications and related instrumentation and controls documents. Ability to lead quality management of discipline work processes and deliverables. Familiarity with various control and interface systems (e.g., DCS, PLC, SCADA, HMI), including specification and integration design. Programming capability a plus. Experienced in field instruments and control valve selection, calculation, and detailed specifications. Ability to constructively participate in risk management system sessions (e.g., HAZOP, HAZID, LOPA, SIL). Knowledge of applicable design standards addressing instrumentation and controls design/engineering (e.g., API, NFPA, ISA, PIP, IEC, IEEE). Familiarity with implementation of SPI database, specifications, wiring, and loop module preferred. Experience with designing and supporting Safety Instrumented Systems (SIS), Safety Instrumented Functions (SIF), Safety Integrity Levels (SIL), Layers of Protection Analysis (LOPA) and related activities preferred. Strong communication skills, with ability to lead execution of work and resolve issues in a team environment. Capable of working directly with clients from proposal development through project execution. Previous consulting experience is strongly preferred. Instrumentation and controls engineering for the petrochemical/oil & gas industries. Email resume to donna.cronin@kestrelenggroup.com or mail resume to Donna Cronin, Human Resources Administrator of Kestrel Engineering Group Inc., 9611 NE 117th Ave, Suite 2840, Orchards, WA 98662.