

Position Title: Senior Inspector

Department: Inspection Services

Location of Position: Field-based assignments working from home.

Job Description Summary:

Visiting customer refineries, chemical plants or fabrication shops for the purpose of assessing the mechanical integrity of the process equipment and verifying conformance to UOP, customer and code specifications.

This is achieved by:

Physical inspection requiring climbing up, crawling through and walking on pressure vessels, storage tanks and piping either at the process plant or in fabrication shops. During plant turnarounds inspectors assess equipment condition, issue repair recommendations, verify suitable completion of the repairs, and forecast future repairs or replacement of equipment. Shop inspections of equipment occur during all stages of fabrication to ensure compliance to UOP Standard Specifications, customer requirements, engineering specifications and all applicable industry codes. Each inspector writes their own report using UOP's computer generated forms on a supplied laptop computer. Effective presentation of results to the customer at meetings is frequently required.

Unique Aspects of Job (Travel, Overseas, Overtime, Work hours, etc.)

This position requires extensive travel throughout the world. Assignments generally last from 1-6 weeks, with no return home during that time normally available. Work hours during an assignment are typically six days per week, 10 hours per day, but can be 12 hour days, seven days a week. Night shifts and holiday coverage are also a possibility.

Minimum Job Requirements (Degree, equivalent years of experience etc.)

Either an Engineering degree or an API-510 Pressure Vessel Inspector, API-570 Piping Inspector or API-653 Tank Inspector certification is the minimum education requirement.

Experience: 5 years minimum with direct involvement in refinery or chemical plant inspection, maintenance or operations

Knowledge: It is preferred that a candidate have a basic understanding of UOP Refining & Petrochemical processes and technologies; familiarity with: TEMA, ASME, API, ASTM and AISI codes; understanding of the basic principles of corrosion, metallurgy and materials of construction, welding procedures;; refractory selection and application procedures; understanding of all NDE techniques, evaluation and interpretation.