



SCHIFF ASSOCIATES

Cathodic Protection Surveys, CA, WA, OR, AZ, IL

Client: ARCO

Key Project Personnel: Graham E.C. Bell, PhD, PE – Project Principal & Manager
Paul Smith, PE – Project Engineer
Robert Pannell – Technician

Services Provided:

- Annual Surveys of Cathodic Protection Systems at Western Region ARCO Terminals

Situation:

In order to meet D.O.T. and company requirements, ARCO has installed cathodic protection systems for transfer piping and steel storage tank bottoms at their terminals throughout their western region. Annual surveys have been performed in the past by the cathodic protection materials and installation contractor. In 1992, ARCO asked Schiff Associates to perform annual surveys at their terminals in order to have an objective, third-party evaluation of the systems

Schiff Associates Response:

Schiff Associates reviewed drawings of facilities at each terminal including cathodic protection design drawings. Next, each terminal was surveyed, reports were prepared, and recommendations for rehabilitation of cathodic protection systems were made where necessary. Repair and replacement work was then obtained through the bid process. Schiff Associates has continued to provide cathodic protection surveys for ARCO on an annual basis.