

Leonard M. Andersen Engineer Gas Turbine AWS CWI (Certified Welding Inspector)

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Career Objective - Work as an engineer reflecting 20 years of experience , eleven patents , Construction Project Manager position for plus 5 years , welding engineering for structural steel applications and marine construction diving management experience.

Professional Experience

Name of Employer Upon request Welding Inspector - Engineer Metropolitan Area - New York City Projects including Port Authority of NY NJ - Penn Station expansion on going , Con Edison Gas Electrical utility work, Dormitory Authority of the State of New York www.dasny.org work etc. . July 2014 - present !

Journalist at World Petroleum Congress 22nd World Petroleum Congress Istanbul, July 09-13 2017 !

Engineer / Welding Inspector CWI / Construction Project Manager Employed October 2000 to May 2014 New York City Department of Transportation - Division of Bridges Construction Project Manager. Recently I have worked on a geotechnical situation (foundation) for the Willis Avenue Bridge (Largest Contract of the City of New York at 612 million with + 50 million cost over run). Such reflected a background as a dockbuilder member of Dockbuilders LU 1556 / 1456 since 1987 and attending +90% of civil engineering geotechnical ASCE meetings New York area last seven years . Review of drawing of bridges, field inspection of bridges, doing inspection at the facilities that produce heavy welded and bolted steel assemblies for bridges. The projects which are participated in are in the range from 100 million USD to 700 million USD. I was the only American Welding Society AWS Certified Welding Inspector CWI that the City of New York employed as far as I know.

Concurrent on going work outside full time employment! I participated in professional society events including AWS's -Underwater Welding and Cutting- November 12 2012 "Interactive Wet Welding" presentation to the AWS annual meeting. In the Kingdom of Saudi Arabia March 2011 I gave a welding inspection daylong workshop and presented a paper at an engineering event! At the ASCE sponsored www.orthotropic-bridge.org event I gave a daylong class in welding inspection for bridges! 2008 International Orthotropic Bridge Conference One-Day Workshop, "Welding Inspection of Orthotropic Decks Workshop". As an experienced American Welding Society AWS Certified Welding Inspector CWI I have inputted into the AWS forum online with about 200 separate postings and attended meetings. As an active ASCE Metro section New York City area www.ascesection.org member I attended over sixty evening presentations and about three full day , half day presentations a year since 2006. Last plus fourteen years I have spoken Chinese every day at work. Worked in Spanish language in Mexico, Spain etc. for six months , and Arabic in the Kingdom of Saudi Arabia for near a year, Norwegian in Norway etc for about six months and worked in the Russian language. In journalism I covered the World Petroleum Congress www.world-petroleum.org events 2002 Rio de Janeiro Brazil , 2005 Johannesburg South Africa , 2008 Madrid Spain , 2011 Doha Qatar and Moscow Russia 2014 as an accredited journalist. Fellow journalist mentioned at the last one, "You know everyone". Inventing one patent issued in Lubricating / Motor Oil and two pending in Gas Turbine Technology which I wrote. Pursuant to such I attended STLE (www.stle.org) events and International Gas Turbine Institute (IGTI) ASME events including TurbiExpo Montreal June 2015. As a member of the Society of Petroleum Engineers I have attended meetings and inputted to online communities more than 200 times.

1995 to 2000 Consultant Engineer / Welding Inspector engineer USA / Canada. Construction manager and process engineer in Kingdom of Saudi Arabia and Surface Facilities Petroleum Engineer in Mexico. Journalist Canada China Prior to 1995 Econergy Associates Chemical Engineering and the American Bureau of Shipping

Education

BSChE Chemical Engineering Degree, University of Arizona, Tucson, Arizona
Associates of Applied Science of Chemical Technology, Westchester Community
College, Valhalla NY
Diploma in Marine Diving, College of Oceaneering, Wilmington CA
US Army Engineering School, Fort Belvoir, VA
Society of Petroleum Engineers, Short Courses
American Welding Society, Course leading to CWI (Certified Welding Inspector)
qualification
Registered Representative (Stock Broker) Course resulting in passing SEC Tests
Security Training Corporation
Worked as a stockbroker Wall Street
Inventor Writer of Patents, Wrote More Than Ten Patents (Noted As Inventor)
+100 Invention Disclosures and Replies To Official Patent Office Actions