



Mr. Sakraida is the Manager of Mechanical Engineering for Western Engineering & Research Corporation. He has over 26 years experience building mechanical systems, including design, construction, assessment and commissioning. He is a recognized leader in engineering systems for laboratories, cleanrooms, and other high technology facilities. He is a Distinguished Lecturer for the American Society of Heating, Refrigeration, and Air-Conditioning Engineers (ASHRAE). Mr. Sakraida provides expert testimony in matters involved in litigation.



Practice Areas: HVAC, Mechanical, Plumbing
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VINCENT A. SAKRAIDA, PE, LEED AP

LICENSURE & EDUCATION

Licensed Professional Engineer: CO, OH, MT, PA
BS Mechanical Engineering, Georgia Institute of Technology
Mr. Sakraida has also attended numerous classes and seminars on building codes, building systems, failure analysis, engineering ethics, business Management and plumbing products

WORK HISTORY

Mechanical Engineering Consultant, *Western Engineering & Research Corporation*, 2008 to present
Unit Manager, *Jacobs Engineering*, Denver, 2007 – 2008
Stanley Consultants, Denver, 2006 – 2007
Senior Project Manager, *Engineering Economics*, Denver, 2006
Senior Design Phase Manager, *M.A. Mortenson, Inc.*, 2005 – 2006
Director, *LLI Technologies, Inc.*, Pittsburgh, PA, 2001- 2005
Corporate Mechanical Engineering Manager, *Bayer Corp.*, Pittsburgh, PA, 1999 – 2001
Senior Mechanical Engineer, *Shambaugh & Son*, Fort Wayne, IN, 1996 – 1999
Mechanical Engineer Manager, *Atlanta Olympic Broadcasting*, Atlanta, GA, 1995 – 1996
Project Engineer, *Burroughs Wellcome Co.*, Greenville, NC, 1990 – 1995
Facility Engineer, *Raytheon Co.*, Portsmouth, RI, 1987 – 1990
HVAC Engineer, *S.S.O.E. Inc.*, Toledo, OH, 1984 – 1987
Associate Engineer, *Ingall's Shipbuilding*, Pascagoula, MS, 1982 – 1984,

MECHANICAL DESIGN, INVESTIGATION & FAILURE ANALYSIS

Project experience includes commercial, institutional, pharmaceutical, high technology (cleanrooms, biological laboratories BSL-1, 2, 3), healthcare facilities, and industrial. Experienced at performing facility assessments to determine existing equipment and system condition, code compliance, functionality, and energy efficiency. Experienced in project scheduling by critical path method (Gantt chart) using MS Project. Construction experience provides ability to review designs for maintainability and constructability. Experienced in LEED projects. Extensive experience in project commissioning (protocol development, installation verification, functional performance testing). Experienced in laboratory design, construction, and commissioning. Experienced in piping system engineering including chilled water, condenser water, steam, condensate, compressed air, nitrogen. .

PUBLICATIONS

Mr. Sakraida has published technical articles in Engineered Systems, HPAC, Cleanroom, and Pharma Bio World. Mr. Sakraida has presented seminars on Healthcare Standards, Planning and Constructing a Contamination Controlled Environment, Project Management, Laboratory Basics, Cleanroom Seminar, cGMP Basics, Validation Basics.

AFFILIATIONS

Mr. Sakraida has been active in professional organizations such as AFE (Association of Facility Engineering), ASHE (American Society for Healthcare Engineering) and ISPE (International Society of Pharmaceutical Engineers).