

Ronald Scott



Education

BS in Chemical Engineering,
University of Arizona

Licenses

Colorado P.E. #20989
Missouri P.E. #2014037259

Software Services

Microsoft Office Suite
Microsoft Project
AutoCAD
Revit
WUFI Hydrothermal Analysis
BLOCON HEAT 10 Thermal Analysis Software
e4Clicks Means Cost Estimating

Contact

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Employment History

President
RoofTech Consultants, Inc. 4/1984–Present

Head of engineering consulting firm specializing in re-roof design, waterproofing and failure investigation. Mr. Scott is in charge of all personnel and is the sole engineer in the firm. All project responsibilities are under his control. The areas in which services are provided are Roofing System Design, Roof Failure Investigation, Roof Inspection, Life Cycle Costing, Litigation Support, and Non-destructive Nuclear Backscatter Roof System Testing. Year 2015 project design dollar value was over \$10MM.

Associate-Branch Manager
Roof Engineering, Inc. 12/1982–4/1984

Head of the Denver office of Roof Engineering Inc. This firm is a multi-state corporation, which specializes in roofing and waterproofing systems. The services provided by the firm are typical to what is described above. This work was performed for a variety of government private clients. Mr. Scott was head of personnel, lead designer, project manager, and primary consultant.

Research Engineer
Manville Research 7/1982–12/1983

Headed task force of eight engineers to develop new fire proof insulation products. Developed new field designs to incorporate recently developed roofing felt and insulation products. Provided assistance in new urethane insulation chemical formulations. Provided technical assistance in marketing and sales.

Research Engineer (Promoted)
Manville Research (Name Change) 9/1980–7/1982

Developed in-place thermal analysis technique to measure the performance of roof insulation products. Head of research Roof Failure Investigation task force. Provided roofing design for roofing systems on Manville owned production facilities. Served a one year term as Chairman of Thermal Insulation Manufacturers Association (TIMA) Roof Insulation Technical Committee. Performed routine testing on roofing system related products.

Engineer
Johns Manville 8/1978–9/1980

Identified field performance related problems with new polyurethane foam roof insulation. Modified design of the product to eliminate the performance problems. Member of ASTM and Society of Plastics Industry (SPI). Provided technical assistance for sales and marketing groups.

**CURRICULUM VITAE
RONALD D. SCOTT
TYPICAL WORK EXPERIENCE EXAMPLES**

RESEARCH PROJECTS:

1979-1982 - BURSI Instructor:

As an instructor at Johns Manville Built Up Roofing System Institute, Mr. Scott taught roof insulation and vapor retarder design classes.

1981-1982 - Blistering over Urethane Foam:

Mr. Scott as chairman of the TIMA Roofing Technical Comm. lead the research effort for the industry of the phenomena.

INVESTIGATION/ LITIGATION ASSISTANCE:

2012 - Denver Art Museum - 5th Floor Gallery Remodel:

Mr. Scott worked with Klipp Architecture during the design phase of this interior remodel project. He provided condensation modeling and investigation services for the wall, window and roofing assemblies. Recommendations were made as to how to control current condensation problems.

2006 - New Orleans Convention Center

Represented the Owner in insurance adjustment issues arising from the metal and flat roof damage caused by Hurricane Katrina. Assessed damage to roofing and wall systems. Set repair schedule with contractor.

FACILITY AUDIT:

2014 - City & County of Denver Parks and Recreation Audit:

RoofTech Consultants provided a city wide audit of 30 Parks and Recreation buildings. The information was gathered and logged in Access Database, listing repair and replacement costs and the service life remaining in each building. Since this time, the firm has provided the design and construction administration for 12 of these buildings.

2012 - Jefferson County Facility Roof Audit:

The firm under Mr. Scott's management provided a roof audit on 14 buildings. A repair/replacement design project has transpired from the roof audit.

CONSTRUCTION DESIGN & MANAGEMENT:

2016 - Ellie Caulkins Opera House & Buell Theater Roof Replacement

The roofing on the historic Ellie Caulkins Opera House and Buell Theater performed well past its expected service life. Mr. Scott provided the design and repair work for both of these buildings. During construction administration it was discovered that roofing not in the original contract was leaking heavily and Mr. Scott provided emergency roofing documents to replace those roofs as well.

2014 - Jefferson National Expansion Museum - Visitors Center Waterproofing

Mr. Scott provided waterproofing design and consulting services for the replacement of the buried "roofing system" at the Jefferson National Expansion Museum at the St. Louis Arch. The project covered an area of 107,000 square feet. The design was completed in the fall of 2014. The firm also provided construction administration services for this project that captured product failures and allowed for a cost effective solution.

2012 - Colorado Convention Center Wind Damaged Roof:

During the winter of 2012, the Speer "Blade" Roof was damaged by wind during a snow storm. Our firm performed the damage assessment and worked with the City's Insurance carrier to fund a roofing replacement project. Our roof design bid within budget and we provided all construction administration for the duration of the project.