

# PROFESSIONAL RESUME *for:*

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## Experience Summary:

Professional engineer with over 37 years of experience in the design, construction, modification and troubleshooting of gas processing and oil production equipment, usually in the role of Project Manager and/or Project Engineer. This experience has been acquired in several sectors of the oil and gas industry and breaks down as follows:

- 20 years in the engineering-consulting sector with companies such as Ascent Consulting Ltd, Veco Canada Ltd; Quest, An Alliance Corporation; CIDL Projects Ltd; HZ Projects Ltd and others,
- 9 years in the equipment fabrication and packaging sector with Propak Systems Ltd and Canyon Industries Ltd.,
- 6 years in the oil and gas producer sector with MEG Energy, ConocoPhillips Canada Ltd, KomiArcticOil, and British Gas; and
- 2 years in the construction sector with Flint Canada Ltd.

This experience is wide-ranging both in technical scope and geographical area. Project work has included well-site packages, pipelines, separator packages, separator-heater packages, water and oil pump packages, tank farms, free-water knock-out packages, oil treaters, compressor stations, refrigeration packages, JT plants, refrigerated JT Plants, amine sweetening packages, acid-gas injection facilities, Claus sulphur plants, Lo-Cat sulphur recovery units, turbo-expander plants, liquid fractionation facilities, and gas storage facilities. These projects have been distributed around the world, including Canada, USA, Russia and Barbados.

Early in the career, direct technical experience was acquired in process modeling and design, process equipment sizing and rating, process line sizing and specification, pressure vessel design, sizing and selection of control valves and other pneumatic instrumentation, design of pneumatic control panels, piping stress analysis, and design of structural steel skids for equipment packages. More recently, this experience has been used to provide strong technical leadership to various project teams.

**Education:** B.Sc. Mechanical Engineering - University of Calgary, 1980

**Project Work:** Visit [www.randy-unrau.ca](http://www.randy-unrau.ca) for details.

## Work History:

Time	Company	Position
1980 – 1982	Wright Technip Ltd	Mechanical Engineer <sup>(1)</sup>
1982 – 1984	Canyon Industries / Olympic Ironworks Ltd	Project Engineer
1984 – 1990	Propak Systems Ltd	Project Engineering Supervisor <sup>(2)</sup>
1990 – 1992	CIDL Projects Ltd	Project Engineer
1993 – 1995	Quest, An Alliance Corporation	Project Engineer/ Manager
1996 – 1998	KomiArcticOil / Flint Canada Ltd	Project Engineer/ Construction Control Coordinator
1999 – 2008	Veco Canada Ltd	Project Engineer/ Manager Facility Engineer <sup>(3)</sup>
2009 – 2011	Coalition Projects Ltd.	Project Engineer / Manager
2011 to 2014	Meg Energy Ltd	Senior Mechanical Consultant
2014 to Present	Ascent Consulting Ltd	Senior Engineering Consultant

## Notes:

1. Duties included heat medium system design, piping stress analysis, major equipment specification and assisting on the preparation of detailed construction estimates.
2. Supervised Propak's team of project engineers and coordinators. The group size varied from 5 – 10 personnel. Duties in this position included assignment of work and projects, quality control and development of systems.
3. This position lasted from 2001 to 2003. Was seconded to ConocoPhillips Canada Ltd during this time period.

**References:** Available upon request