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Academic Background

B.Sc., EEng, Bachelor of Applied Science degree in Electrical Engineering, University of Windsor, Ontario, Canada
1991

Professional Licensure

Professional Engineer – AB
- Association of Professional Engineers, Geoscientists of Alberta (APEGA)
1999 to Present

Professional Engineer – ON
- Association of Professional Engineers of Ontario (PEO)
1998 to Present

Ken J. Huber, P.Eng., SIEEE

Practice Lead Electrical/Mechanical (Mining & Energy) Group

Ken J. Huber has over 30 years of extensive experience in electrical engineering specializing in electrical rotating equipment, automation, transformers, power products, starting systems, design, manufacturing, investigation, project management, project engineering, factory inspections and FAT/certifications. Mr. Huber is skilled in driving business development, maintaining client relationships, and optimizing channel and process. He provides consistent, high-quality engineering services through innovative designs and experience. Huber crafts personal, bespoke services, leading to cost and time saving solutions for his clients.

Specialized Professional Competencies

- Motor and Machine Design
- Operations
- Market Analysis
- Industrial Electrical Equipment
- Applications
- Project Management
- Site Supervision
- Commissioning
- Failure Analysis
- Forensic Analysis
- Warranty Investigation
- Root Cause Analysis
- Testing Supervision
- Training
- Power Transformers
- Automation VFD ASD
- Switchgear
- Integration

Employment Background

Haag Canada, Toronto, ON

Practice Lead Electrical/Mechanical (Mining & Energy) Group

2021 to Present

- See Professional Competencies

HUBERWERKS Services Ltd., Calgary, AB

President/Chief Engineer

2016 to 2021

- Over 30 years of experience in electrical and mechanical engineering, rotating equipment engineering, design, manufacturing and diagnostics.
- Providing consistent high quality, cost effective engineering services through innovative designs and experience. Personal customer specific service leading to cost saving solutions.



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- Electrical Engineering - motors, machines, asynchronous, synchronous, AC and DC Generators, SR, PM, Wound Rotor, DC, Automation LV VFDs, MV VFDs, Soft Starters, Starters, Transformers, Switchgear, Transmission, Instrumentation
- Project Management Services. O&G, Mining, Transmission, Plant Design and Maintenance. Plant on-site evaluations; preventative maintenance, upgrades, failure review and corrective action.
- System Evaluation and Design. Equipment design, sizing and sourcing. Factory Witness Testing. On-site Service Supervision. Factory Evaluation and Supplier Certification. Warranty supervision and guidance. Have the right support on your side during the warranty evaluation process.
- Remod - Rotating Equipment Management On-Demand - Priority on site or remote expertise and support.
- Preventative Maintenance, site evaluation, expansions, de-bottlenecking and upgrades. Assistance in FAULT ANALYSIS, warranty evaluation.
- Extensive experience in manufacturing process from design to completion; de-bottlenecking, streamlining, reduction of losses, efficiency studies, ISO14001/ ISO9001.
- Streamlining process of design, manufacturing process, restructuring internally and optimizing channel to market for engineering contractors and engineered products manufacturing companies.

WEG Canada, Calgary, AB, Canada

Vice President – Large Machines and Projects

2002 to 2016

- On-site and remote analysis, root cause investigations
- Numerous factory customer testing and inspections
- Production and system design re-engineering, streamlining, and de-bottlenecking
- A multi role position from Operations in Western Canada to Engineering Design support and guidance across Canada.
- Manage operations of western Canada for all products, manufacturing process and streamlining, account managers, sales representation, inside sales, technical support, administration, marketing, and warehouse.
- Responsible for machines and projects divisions sales and marketing across Canada.
- Employee performance reviews, budgets, negotiate annual and product pricing with factories, contract reviews, financial risks, terms and conditions.
- Designed and launched over 75 new products on factories (i.e. crushers, miners, drilling machines, modular 600V VFD).
- Member of manufacturing team to start new product manufacturing lines and plants overseas.
- Involved in CSA, ISO IEC ATEX certifications at new manufacturing lines and plants.
- Negotiate annual agreements and customer contracts. Responsible for conflict resolutions internal/external.
- Project management of key accounts, oversee sales, engineering, western expansion. Business Development.



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- Launched new business structure from a small motor company in 2002 to present day machines, generators, Large Motors, Automation products and Power Transformers from 25 factories worldwide.
- Expanded market penetration into Potash industry from 0% to 75% market share in machines within 5 years.
- Responsible for operational result of western Canada.

ABB Automation Power Products, Calgary, AB, Canada

Sales and Marketing Manager

1998 to 2002

- Established and launched power products penetration into the following application industries into western Canada; Pulp and Paper, Mining and Metals, Chemical Oil and Gas and General Industry.
- Market wide responsibility for Machines/Motors/Generators; Marketing plan, Development of objectives and strategy, Sales account coverage and budget, Authorized Distributors, Warranty and Service Shops.
- Part of Global Manufacturing-Engineering Design Team to develop new products and manufacturing process to match global requirements.
- Managed weekly operations meetings, monthly department reviews and quarterly corporate reviews.
- Established standard products distribution base across western Canada.
- Successfully signed large contracts and agreements for Oil Sands, Mining and Pipeline Projects.

ABB Industry, Milton, ON / Helsinki, Finland

Project Manager

1995 to 1998

- Canada wide product responsibility for Synchronous/Asynchronous A.C. Motors/Generators, D.C. Motors and Large M.V. Drives; Technical Product Support, Development of objectives and strategy, Sales coverage, Service and Warranty issues. Dimensioned motors and drives through use of technical design software tools. Actively represented products with direct customer and distributor presentations and site visits as well as support and education of internal sales force through specialized product training programs. Daily contact with manufacturing facilities, customers, and consultants for both Domestic and Export projects. Represented product and market during local and international conferences and new product launches.
- In 1996-1997, intensive training and manufacturing work in Production plants in Finland, Sweden, Denmark, Italy, Germany and Switzerland, specializing in technical design, manufacturing process, components, and sales and marketing of motors/generators and large drives. On assignment with ABB Finland in engineering and marketing department during 1997.



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ABB Industry, Toronto, ON, Canada

Project Manager

1993 to 1995

- Managed and coordinated electrical engineering projects specializing in A.C and D.C. motors with required controls, switchgear and starting equipment; including integrated solution projects. Responsible for all project costs, purchasing, budgets, contracts and scheduling between customers, consultants and suppliers, international and domestic: reduced total project costs through innovative negotiation and management of contracts. Organized and managed project teams of engineering, production, shipping, commissioning and service. Responsible for the financial results of projects and ultimate satisfaction of both customer and company.

PowerServ Pacific / ABB / BC Hydro, Surrey, BC, Canada

Project Engineer

1993

- Numerous equipment and facility inspections and analysis
- Electrical, mechanical, and environmental studies
- Performed environmental audit on ABB/B.C. Hydro Joint Venture operations. Defined and implemented project improvements meeting environmental standards and improving plant efficiency. Supervised and implemented contracts and tenders for Transformer PCB Contaminated Oil Processing Plant and Electric Repair Shop.

ABB Drives, Mannheim, Germany

Electrical Design Engineer

1992

- Developed and designed automation program to dimension complete Rolling Mill Projects: involved sizing, pricing SAMI inverters and asynchronous motors for large scale R M P quotations, engineering, commissioning; acquired and applied knowledge of calculations and theories for dimensioning A.C. inverters, motors, Flat Rolling Mill Process.
- Working with local and overseas metal manufacturing plants to custom design software for improving existing plants to manufacturing new facilities.
- Factory and facility inspections and advancements

ABB Power Transformer, Guelph, ON, Canada

Marketing Engineer

1991 to 1992

- Extensively involved with processes and application of tendering activities. Commissioned power transformers on customer site; responsible for mechanical, electrical hookup and assembly. Worked on manufacturing process de-bottlenecking and resource management of power transformer production. Reduced material usage and waste through JIT, SPC and Production Management.



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ABB Industry, St-Laurent, PQ. Canada

Electrical Engineer

1991

- Selected for EDP at ABB (ABB Engineer Development Program)
- Trained in Master Maintenance and VFDs assembly plant and test facility. Certified, programmed and tested A.C. Drives and controllers as test engineer.

Chrysler, Windsor, ON, Canada

Process / Quality Control Engineer

1988 to 1990

- Electrical Design Engineering, Quality Control, Process Control, Line Supervisor, Electrical Engineering, New Product Launch Team, Quality performance roles at various Chrysler Final Assembly Plants as TFT and TPT.
- Setting up SPC and process monitoring of assembly lines, rework stations at main assembly plants and sub supplied components from additional Chrysler facilities and third-party suppliers.

Courses and Certifications

- Senior Member- SIEEE, Institute of Electrical and Electronics Engineers, Inc.(IEEE)
- APEGA Engineering Mentor, Formal Mentor Program
- APEGA Engineering Mentor Award
- Chairman of Board (Director) MWWC
- Global Machines Task Force Team WEG
- Management and Conflict Training
- Gustav Käser International Management Training
- Advanced Team Selling and Presentation Training
- ABB Synchronous/Asynchronous Machines Training, Finland, Sweden, Switzerland
- ABB Medium Voltage Variable Frequency Drive Technical, Finland
- ABB Synchronous Machines, Operation and Maintenance, Sweden
- ABB Master Drive Controller
- ABB Variable Frequency Drive Technical
- Search and Rescue Scuba Diver Certification
- C.P.R. / Emergency Industrial First Aid / WHMIS / H2S Alive
- Numerous plant safety certifications for above and below ground factories, facilities and mine sites
- Wilderness Rescue - Avalanche Rescue, Mountaineering
- Advanced Race Driving I and II, Race City
- Dual citizenship of Switzerland and Canada