

GENNADY ZISIN, Master of Engineering, P. Eng.

Work: (780) 461-9234, ext 103

Cell: (780) 238-0234

E-mail: gzisin@shaw.ca

gennady@genmark.org

SKILLS

- Ability of undertaking new projects from start to finish.
- Strong background in troubleshooting of various engineering problems.
- Ability to perform quick calculations for estimation purpose.
- Ability to come up with innovative solutions for various engineering design problems.
- Excellent time management skills and ability to work under high pressure.
- Ability to build and lead a high performance team that consistently exceeds customer expectations.
- Good knowledge of AutoCad, Microstation, Inventor, Microsoft Word, Excel and Project, Ansys, Cosmos Works and Quick Cam.

WORK EXPERIENCE

Managerial and Engineering 1985 - 1989, 1996 - Present: (16 Years)

December, 2004 – present

Senior Design Engineer – Genmark Engineering & Management,
Edmonton, Alberta

- Design and Development of custom overhead cranes, lifting devices, runway systems
- Design and Developing of custom oilfield trailers
- Mechanical design for different projects
- Structural design for different projects
- Solid modeling, 2D to 3D conversion, FEA, AutoDesk Inventor, Solid Works.
- Development of the computer program for calculations of cranes, according to CMAA standards
- Coordination of the engineering projects

March, 2004 – December, 2004

Senior Mechanical Engineer – Kaverit Steel and Crane,
Edmonton Alberta

- Design and Development of custom overhead cranes
- Development of the computer program for calculations of girder boxes according to CMAA standards
- Coordination of the engineering projects

May, 2003 – February, 2004

Design Engineer and Manufacturing Supervisor - Hydra-Group Ltd.,
Edmonton, Alberta

- Designed and developed new styles and configurations of mobile equipment.
- New lines of product implementations.
- Customer relations and sales.
- Plan and develop manufacturing schedules.
- Cost estimations of the projects.
- Monitored manufacturing processes from material ordering phase to completion of the unit.
- Involved in hiring shop personal.
- Involved in the process of obtaining national safety mark (NSM) number from Transport of Canada

2001 – April, 2003

Engineering Manager – Allan Manufacturing Inc., Edmonton,
Alberta.

- Managed engineering team during research, design and development of custom transportation equipment for forestry, gravel and heavy oilfield applications.
- Designed and developed 16 and 24 wheel air ride suspensions for heavy oilfield trailers.
- Performed static, dynamic and finite element analysis of steel structures and trailer frames.

1998 – 2001

Design Engineer – Scona Truck & Trailer, McCOY Bross,
Edmonton, Alberta.

- Involved in design and development of custom oilfield trailers while attending university.
- Performed investigations related to trailer frames failures.
- Involved in drafting and preparing detail packages for the manufacturing shop.

- 1996 – 1998 **Engineering Manager** – Scona Truck & Trailer, McCOY Bros,
Edmonton, Alberta.
- Designed and developed new styles and configurations of oilfield trailers, boosters and jeeps.
 - Managed a team of four engineers contributing to all stages of development from the conceptual design to the final implementation.
- 1985 – 1989 **Design Engineer** - Plant for Production of Van Bodies - Gomel, Belarus
- Designed and developed robotic equipment.
 - Organized and implemented an overall preventive maintenance program.

EDUCATION

- 2003 **Master of Engineering in Mechanical Engineering** – University of Alberta, Edmonton, Alberta
- 2001 **Bachelor of Science in Mechanical Engineering with Distinction** - University of Alberta, Edmonton, Alberta
- 1996 **Mechanical Engineering Technologist Honors Diploma** - Northern Alberta Institute of Technology, Edmonton, Alberta
- 1992 **Comprehensive Cad Drafting Diploma with Proficiency** - Abbottsfield School of Computer Application, Edmonton, Alberta
- 1989 **Completed 4 years of training as a Mechanical Engineer** - Mechanical Engineering State Correspondence Polytechnic University, Moscow, Russia
- 1983 **Mechanical Technician Honors Diploma** - Machine Building Technical School, Gomel, Belarus

HONORS

Member of Golden Key National Honor Society.

PROFESSIONAL AFFILIATIONS

Professional Member of Association of Professional Engineers, Geologists and Geophysicists of Alberta (APEGGA), Edmonton, AB