

CURRICULUM VITAE

SEMENESCU DANEL-PETRE

September, 1st, 2010

A: DEMOGRAPHIC INFORMATION

A.1: Employer and Position Held

S.C. HIDROSERV IRON GATES S.A.; Repairing Department of Targu-Jiu; Chief Engineer.

A.2: Personal Information

Employer adress:

S.C. HIDROSERV IRON GATES S.A. Tel: +40. 0252.310.754
27 Aurelian Street, Drobeta Turnu-Severin, Romania Fax: +40. 0252.310.753
Repairing Service of Targu-Jiu Tel: +40. 0253.207.244
1, Extension of Vasile Alexandri Street, Targu-Jiu, Romania Fax: +40. 0253.219.078
E-Mail: semenescu_danel@ yahoo.com

Personal Address: Victory Street, Central Zone, Block 23, Apartment 5, Targu-Jiu, Gorj County, Romania
Tel: +040.0353.404.764; Mobil: 0724.530740; 0747.779932
E-Mail: semenescu_danel@yahoo.com

Date of Birth: 26.11.1961; married.

A.3: Education:

- "Traian Vuia" Polytechnic Institute of Timisoara, Faculty of Mechanics, Machines Building Technology specialization. Graduation year: 1986.
- University of Craiova, Faculty of Economics, Company Management specialization. Graduation year: 2003.
- PhD Studies, Mechanical Engineering specialization,
Doctoral School "Academician Radu Voinea" - University of Craiova, Faculty of Mechanics
Thesis: RESEARCH ON CONTROLLING MECHANISMS OF HYDRAULIC TURBINES
Deadline: 2010

A.4: Training:

- Basics of Technological Process Optimization . 1986, Timisoara;
- Non Destructive Testing, U.S. Institute of Nuclear Physics, Horia Hulubei" March, 2001, Magurele;
- Quality Management and Environment Management. October, 2005, Targu-Jiu;
- Decision in Management Process. July, 2006, Jupiter;
- Training for Internal Auditors of Management Systems. November, 2005, Sinaia;
- Human Resources Management. Remuneration. Budgetary Obligations. August, 2005, Neptun;
- Effectiveness, Efficiency, Competitiveness. October, 2008, Brasov;
- Managerial and Organizational Skills-Development in the Energy Sector. June, 2009, Jupiter;
- Management Style Improving. June, 2009, Jupiter.

A.5: Work experience

- 1986-1987, Process Engineer, Hydraulic Elements Service, SC MIRFO SA Targu-Jiu;
- 1987-1993, Designing Engineer, Designing Department, SC MIRFO SA Targu-Jiu;
- 1993-1994, Engineer, Office of Investments & Equipments, SH Targu-Jiu;
- 1995-1997, Engineer, Office of Repairing Programming, Marketing Department, SH Targu-Jiu;
- 1997-1998, Engineer, Chief of Launch-Track Repair Office, SH Targu-Jiu;
- 1998-2002, Principal Engineer, Launch-Track Repair Programming Service, SH Targu-Jiu;
- 2002-2010, Chief Engineer, S.C. Hidroserv Iron Gates SA, Repairing Department of Targu-Jiu;
- 2003-2010, Member of A.C. of SC Enterprise of Roads and Bridges Gorj SA.

B: Scientific Activity

Scientific Papers Published in Scientific Conferences

1.	Dumitru N., Al Thabadi Zuhair, Ciupitu, I., Semenescu D. , Computational Modelling of Deformable Kinematic Chains of Mobile Robots Structure, 3rd International Conference "Optimization of the Robots and Manipulators" OPTIROB 2008- PREDEAL, 30 May - 1 June 2008 Organized by University "POLITEHNICA" of Bucharest ROMANIA;
2.	N. Dumitru, D. Semenescu , N. Craciunoiu, On the modelling of a hydraulic turbine directory apparatus, Proceedings of the Fifth International Conference on Optimization of the robots and manipulators, 28-30 May 2010, pp 75-78, ISBN 978-981-08-5840-7.
3.	Semenescu, D. , Manea, I., Dumitru, N., Craciunoiu, N., EXPERIMENTĂRI PENTRU DETERMINAREA CARACTERISTICILOR CINEMATICE ALE MECANISMULUI DE ACȚIONARE A APARATULUI DIRECTOR AL TURBINEI FRANCIS TIP FVM 61,5-234 DE LA CHE TISMANA-SUBTERAN, SH TG-JIU, Conferința Națională și Expoziția de Energetică CNEE 2009, Sinaia, România, 21-23 Octombrie 2009.
4.	Semenescu, D. , Dumitru, N., Ghercioiu, J., Malciu, R., Inverse Dynamic Analysis of the Francis Turbine Director Device, International Conference of Mechanical Engineering ICOME 2010, 27 th -30 th of April 2010, Craiova, Romania
5.	Semenescu, D. , Craciunoiu, N., Dumitru, N., Manea I., Modelling and Analysis of Adjustable Vane, International Conference of Mechanical Engineering ICOME 2010, 27 th -30 th of April 2010, Craiova, Romania

References

The references are available on request.

SCIENTIFIC PAPERS LIST

1.	Dumitru N., Al Thabadi Zuhair, Ciupitu, I., Semenescu D. , Computational Modelling of Deformable Kinematic Chains of Mobile Robots Structure, 3rd International Conference "Optimization of the Robots and Manipulators" OPTIROB 2008-PREDEAL, 30 May - 1 June 2008 Organized by University "POLITEHNICA" of Bucharest, ROMANIA.
2.	N. Dumitru, D. Semenescu , N. Craciunoiu, On the modelling of a hydraulic turbine directory apparatus, Proceedings of the Fifth International Conference on Optimization of the robots and manipulators, 28-30 May 2010, pp 75-78, ISBN 978-981-08-5840-7.
3.	Semenescu, D. , Manea, I., Dumitru, N., Craciunoiu, N., EXPERIMENTĂRI PENTRU DETERMINAREA CARACTERISTICILOR CINEMATICE ALE MECANISMULUI DE ACȚIONARE A APARATULUI DIRECTOR AL TURBINEI FRANCIS TIP FVM 61,5-234 DE LA CHE TISMANA-SUBTERAN, SH TG-JIU, Conferința Națională și Expoziția de Energetică CNEE 2009, Sinaia, Romania, 21-23 October 2009.
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5.	Semenescu, D. , Craciunoiu, N., Dumitru, N., Manea I., Modelling and Analysis of Adjustable Vane, International Conference of Mechanical Engineering ICOME 2010, 27 th -30 th of April 2010, Craiova, Romania
6.	Semenescu, D. P. , Data from scientific literature about the controlling mechanisms of the hydraulic turbines, PhD report submitted in October 2006.
7.	Semenescu, D. P. , Calculus of hydraulically controlled mechanisms PhD report submitted in June 2007.
8.	Semenescu, D. P. , Own research on the controlling mechanisms of the hydraulic turbines, PhD report submitted in April 2008.