

Curriculum Vitae

Name and surname: Jan Kec

Date of birth: 18. 12. 1990

Address: 28. Pluku 54, Praha 10, Czech Republic, EU

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Education

2016 – present

Czech technical university in Prague, Faculty of Mechanical Engineering, Department of Materials Engineering, PhD. student

2014 – 2016

Czech technical university in Prague, Faculty of Mechanical Engineering, Department of Materials Engineering, Received the title Ing. (Master of Science), Title of thesis: Experimental study of residual life of high-pressure gas pipelines (The work proposed on the price Zvonickova Foundation)

2010 - 2014

Czech technical university in Prague, Faculty of Mechanical Engineering, Department of Production Machines and Equipment, Received the title Bc. (Bachelor of Science), Title of thesis: Construction of a constituent preparation for electronic libels

2006 - 2010

Secondary Technical School, Praha 10, Na Trebesine 2299, Mathematical physics specialization

Employment history:

2016 – present

SVÚM a. s., Department of Strength, Scientist and researcher responsible for metallographic and fractographic analysis. Conducting static and dynamic material tests. Duties include writing test and research reports. Negotiating delivery terms and payment conditions.

Publication: J. Kec, I. Černý, J. Luštinec, R. Pavelková: Influence of structural integrity of a high pressure gas pipeline repaired using welded steel patches (SEMDOK 2017)

J. Luštinec, V. Očenášek, J. Kec: Damage of CuPb20 sliding bearing (SEMDOK 2017)

2015 – 2016

SVÚM a. s., Department of Strength, Specialist responsible for metallographic and fractographic analysis.

Publication: J. Sís, I. Černý, B. Kyselá, J. Kec, K. Kolařík, N. Ganev: An effect of various shielding gases on material properties of laser welded steel sheets (EAN 2016 - 54th International Conference on Experimental Stress Analysis)
I. Černý, J. Kec, V. Pospíchal: Evaluation of fatigue crack growth rates in AISI 4340 steel at different load asymmetry considering effects of hardness and microstructure (czech aerospace)

Language skills

English - intermediate
Deutsch – beginner
Czech – born language

Driving licence

Category B (active driver, approx. 10 000 km/year)

Computer skills

MS Office (Word, Excel, PowerPoint) – advanced user
Autodesk AutoCad, Autodesk Inventor – advanced user (Autodesk certificate)
SolidWorks, SolidEdge – basic user
PowerMill, Abaqus - beginner