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DANFOSS Commercial Compressors
Rue du Pou du Ciel
Reyrieux 01600 France

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To whom it may concern,

I have the honour to submit my application for a position of R&D engineer in DANFOSS CC France. I am a junior engineer from INSA Lyon engineering school with a master degree in mechanical conception and a master degree in science of acoustic. I am available from October 2017 and I would like to be part of the growth of DANFOSS once again.

I did my master thesis at DANFOSS CC in the Advanced Engineering department in Reyrieux. I did mechanical studies with the conception of a new Scroll design and a new method for the assembly of piston/piston-pin. I took care of the conception, the prototypes production and the laboratory tests. I also managed tests for the compatibility of O-rings with new refrigerants. I learned a lot about your compressors and about the cooling machines. I know how to communicate with the different departments and the laboratory. My supervisor Mr.Ginies and my school accepted my works with congrats.

I am actually in Stockholm at KTH in «The Marcus Wallenberg Laboratory for Sound and Vibration Research » for my second master thesis. I manage acoustic measures in an aircraft engine part. My knowledge in vibration, simulation and conception are very high thanks to quality courses and project applications. I also have solid skills in thermodynamics. I followed a course about refrigeration cycle and thermodynamic machines. I have some basics in fluid dynamics. I have pleasure to work in a team and I know when to take personal initiative.

DANFOSS CC is facing two main challenges for the future with the construction of a new laboratory in Reyrieux and the new European regulation for the use of Low Global Warming Potential refrigerants. I would like to be part of this new dynamic and help DANFOSS to innovate and develop the best quality compressors.

Sincerely.

DAYET François