

Senior R&D Filtration Engineer for SPX Innovation Centre



SPX Flow Technology is a leading provider of process equipment, flow, and dehydration and filtration solutions for a wide variety of industries including: sanitary food processing, industrial, compressed air, oil and gas, chemical, and paper. Our global presence expands to over 52 locations in 18 countries with annual revenues in excess of \$2.2 billion. We manufacture and market products, components, services and technologies that are integral to meeting today's challenges and tomorrow's needs.

Our work ethic demands high standards, which have resulted in increased revenues, solid growth and exciting opportunities for high performing individuals. Discover how our Fortune 500, multi-industry company is supplying the components and technologies to build global infrastructure, optimize food processing technologies, make energy production more efficient and much more.

Currently we are looking to recruit a **Senior R&D Filtration Engineer**, based in Silkeborg, Denmark, to join our R&D Team. In this role you will be working with professional and experienced colleagues highly specialized in doing research and development within our portfolio of technologies. SPX is heavily investing in Innovation and R&D and right now we are expanding our Test Centers extensively.

Responsibilities:

- Optimization and maintenance of membrane dimensioning program based on test results and industrial plants.
- Converting of test data into models (flux, retention, etc.) for mass balance dimensioning.
- Black belt in membrane dimensioning program.
- Maintenance of internal membrane documentation (White Eagle).
- Planning and carrying out membrane screening tests documented in written reports.
- Ensuring and protection of SPX' membrane know-how database, incl. optimization of user-friendly dimensioning program.
- Sales support in membrane projects when urgently needed.
- Technological support by commissioning, claims, trouble-shooting, pilot plants and customer test.
- Carry out R&D membrane projects by Stage-Gate model.
- Keeping up-dated within the field of membrane filtration, including patent applications.
- Technical support to other departments within SPX.
- Ensuring continued SPX competitiveness by constantly improving or developing new technical solutions to membrane plants, - processes and –applications.
- Travel activity 20 – 40 days per year.

Skills:

- Analytical and systematic
- Service minded and flexible
- Detail oriented
- Independent
- Ability to work together with other people – also from other cultures

Education and experience:

- MSc Chemical Engineering or Dairy Engineering
- Membrane dimensioning programs
- Membrane tests (RO, NF, UF, MF)
- Competent user of MS-Office
- Written and oral English, preferably also German.

We can offer you:

An exciting and challenging job with personal and professional possibilities of development. Further, we can offer you an attractive compensation package and the possibility of being part of an informal and pleasant organization with good colleagues.

If you want to be part of an expanding, international and dynamic company we would very much like to hear from you. Please send your application and CV to hr.silkeborg@spx.com or to SPX Flow Technology Denmark A/S, Pasteursvej 1, DK-8600 Silkeborg, att. HR Department latest by 20 January 2012.