

Materials & Process Engineer – Ref. Code 00001392

Your responsibilities

- Support the design engineers in selecting a functional surface for metal applications
- Evaluate and qualify suppliers for surface treatments
- Development of surface protection processes together with potential suppliers
- Writing technical process documents for functional surfaces
- Setup test programs in accordance with CS27 requirements, RTCA/DO-160G and MIL-STD-810G
- Coordination of corrosion, aging, tribology and abrasion tests with external and internal test laboratories
- Documentation of test results in compliance with certification requirements
- Support of production and maintenance organisation in terms of processing and warranty topics
- Usage and servicing of GRANTA-MI Database to provide certification data
- Assessment of the materials provided concerning REACH and conflict minerals
- This position has the potential to take up a the lead for all functional surface coatings topics and providing guidance to surface engineers, surface test engineers, master thesis & interns

Your qualifications

- Hold a degree in Materials Science/Mechanical or Chemistry Engineer with specialization on Functional Surface Engineering.
- Relevant experience in corrosion protection, aging protection, tribology and abrasion, surface treatment and test methods
- Further you have knowledge in bonding technologies (adhesives, sealants etc.) used within the aviation industry
- Experience with GRANTA-MI and SAP is advantageous
- Good English language skills, both verbal and in writing, a working knowledge of German language will be an advantage

We address an independent specialist with distinctive analytical skills, who wants to take an active role within a small team of engineers. The ideal candidate likes to have contacts with internal and external customers, is able to assume increased responsibility and has a sane portion of assertiveness.

If you are willing to take part in creating the next generation of helicopters in a highly collaborative environment, then you are the right one for our team!

Our offer

We are offering an interesting and unique job opportunity in an entrepreneurial environment with room to grow in every dimension. Our office is located in Wetzikon ZH.

Your next step

If you are interested to know more about us please contact us at +41 44 552 61 22 or send your complete application documents in German or English in a single pdf file including following documents to msh.recruiting@msh.swiss:

- Cover letter (including Photo and Nationality; only Swiss Nationals, EU Nationals or valid Swiss Working Permit)
- **Reference Code**
- CV
- Diplomas
- Employment references

Please note that after thorough consideration of your application you will only be contacted if we require additional information or if you are selected to continue in the recruitment process.

Location

Department of Engineering located in CH-8620 Wetzikon.