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Damage Tolerance Analyst (f/m)

The jobholder (f/m) of this position will work within the Mechanical Engineering department on projects such as MPCV Orion, Bartolomeo or SpaceTug.

Your responsibilities:

- Preparation of load and stress spectra for Damage Tolerance Analyses
- Fatigue & Damage Tolerance analyses of tubing, primary and secondary structures
- Definition of appropriate NDI (non-destructive inspection) methods and verification approach regarding Fracture Control
- Treatment of non-conformances and quality notifications

Your profile:

- Hold a university degree in engineering or aeronautics
- Over 3 years of professional experience with engineering, fatigue and damage tolerance, assembly and production with focal point on fracture control
- Detailed knowledge of MS-Office, Nastran, Patran and Fatigue & Damage Tolerance Analyses (ESACRACK, NASGRO)
- Fluent English and versed in German
- Experience with lightweight structures and tubings
- Experience in space and human space perimeter incl. typical standards (ECSS-E-ST-32-01C, NASA-STD-5019, NASA-HDBK-5010)
- Experience with Finite Element Analyses
- Experience with material properties
- The ability of a person to work in the team tasks together, to support each other as well as the willingness to compromise
- The ability to see things as a whole and to see connections
- The ability to perform analytical and structured work to achieve high quality results

Location: Bremen

What to expect from us:

- An interesting and diversified job
- Cordial cooperation in a great team
- Individual working models
- An above-average salary and benefits

We are looking forward to your application. Please refer to the reference number in the job description. Thank you.

Please send your application to: bewerber@scengineering.de

For further questions please contact Ulrike Kogel (08442-67932-15).