



**bradford**  
**ecaps**

*ECAPS AB, a Bradford Space subsidiary, is a leading manufacturer of spacecraft rocket motors that use environmentally benign propellant LMP-103S, which is a green and safer alternative to conventional toxic rocket propellants. We export our products worldwide and have contributed to the success of over 20 missions. ECAPS High Performance Green Propulsion (HPGP®) is a world class product which is produced entirely in Stockholm, Sweden. To extend our team, we currently have a position vacant for:*

## **TECHNICIAN**

- For supporting manufacturing of rocket engines for satellites

### **ECAPS AB**

We are in the process of industrializing our HPGP technology and are increasing series production of thrusters (1 N) and propulsion systems for use on satellites. We are simultaneously developing rocket engines for higher thrust levels (5 N, 22 N and 200 N) to expand our product range.

#### **Your role**

The role may include everything from preparation and manufacturing of parts used in the rocket engine manufacture, precision cleaning, visual inspections and testing of parts to other tasks needed to ensure the steady supply of parts required in the rocket engine assembly process.

The work is conducted in clean room environments but may include work in a machine shop. In addition to practical work with thruster parts production you will handle article inspection, handling of components and consumable materials in production, and quality control.

#### **Your profile**

You need to have the ability to work independently, but in an integrated team with continuous dialogue with other members of the production team. You are driven, methodical and can follow processes carefully and report any discrepancies. The tasks place high demands on quality awareness, repeatability, and documentation. It is important for you to customize your own work so that it complies with the industry standards.

Manufacturing rocket motors parts is a job which requires hands-on skill and an interest in fine mechanics. Following drawings and instructions whilst maintaining quality standards are key areas of the job.

## **Requirements**

- The ideal candidate shall be able to perform precision assembly tasks and follow manufacturing, assembly, and integration procedures,
- Minimum two years' experience in work preparation of mechanical materials and precision assembly,
- Fluency in Swedish and English, both speech and writing,
- The ability to document the work performed,
- The ability to learn new processes and integrate into the team,

## **Meritorious**

- A working knowledge of Quality control processes,
- Knowledge of metallic materials for high temperatures, ceramics and standards in mechanical processing is a plus,
- Experience in a cleanroom environment,
- Experience of vacuum systems and vacuum brazing
- Experience with welding, visual inspection is a plus,
- Experience in similar work in the aviation or aerospace industry is a bonus also.

We offer a varied job in an exciting industry where you play a big part, as a team member, in the provision of High-Performance Green Propulsion (HPGP®) for satellites on a global market!

You will be based at ECAPS AB headquarters in Stockholm, Solna.

For questions regarding this position please contact interim Site Director ECAPS AB Fredrik Schäder, [fredrik.schaeder@bradford-ecaps.com](mailto:fredrik.schaeder@bradford-ecaps.com)

We look forward to receiving your application! Please submit as soon as possible, at the latest by May 2<sup>nd</sup>. Applications are handled as they arrive.