

RUAG Space Switzerland PU Mechanisms Cleanliness/M&P Internship – Job Description



Within our Product Assurance & Cleanliness department in the Product Unit Mechanisms we are seeking a Internship (Praktikum) to undertake company and project related Cleanliness activities. These activities are in the frame of Semiconductor Manufacturing Technology for high-precision cleaning optical application

Main Tasks:

1. High-precision cleaning and cleanliness inspection for optical application for Semiconductor Manufacturing Technology (SMT) for high precision pointing vacuum Actuator Unit (AU), main tasks hereafter:

- Perform FTIR Spectroscopy interpretation of spectrum for organic contamination
- Perform high precision dry cleaning/bake-out processes on vacuum AU
- Perform Residual Gas Analyzer and interpret results
- Perform Cleanliness visual inspection under UV light and bright light

2. Need to work in ISO6 cleanroom in order to fulfill tasks above listed

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Skills & Qualifications:

1. Technical understanding of materials and processes or in a similar relevant discipline
2. University degree in Material Science, Physics or Chemistry
3. Very good command of English or German
4. Critical, solution oriented and quality conscious thinking and way of working
5. Team oriented, communicative, resourceful and integrated thinking, pro-active personality
6. Self-dependent, reliable and precise way of working

Period:

Mai till October 2021

Overall the idea behind this Internship is to know and select a new employee with the final goal to recruit for a fix position after three/six months of Internship.

This position is really interesting and fascinating for long term know-how build-up for a key series production product line.

If you are interested in an internship, please send us your complete application with the information of the time frame you would like to do the internship.

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