

Technical Officer, Surface Technology (Ref: SMD183/18)

Technical Officer, Surface Technology
Smart Machinery & Surface Technology Division
Ref: SMD183/18
Post Date: 26 September 2018

Job Duties:

- Carry out research and development works related to vacuum coating technologies, plasma treatment technologies, sol-gel technologies, and other advanced surface finishing technologies
- Conduct R&D works including design of coating process & optimization, equipment design & set-up and analysis & characterization
- Assist in turn-key and consultancy projects, including R&D on coating process, set-up & operation of equipment, installation & assembly, testing & commission of equipment, manufacturing process inspection and validation
- Assist in preparing project documents, such as technology proposals, progress reports, and other related technical information
- Occasional travel to overseas and/or Mainland China for on-site project implementation and industrial events
- Support ad hoc projects and assignments

Job Requirements:

- Bachelor / Master Degree in Materials, Physics, Chemistry, Chemical Engineering, or equivalent with 2 years' relevant working experience
- Experience in PVD, PECVD, sol-gel and other related surface technology preferred
- Experience in design and set-up the vacuum/atmospheric plasma equipment preferred
- Experience in material characterization techniques such as SEM-EDX, XRD, Raman Spectroscopy, UV-Visible Spectroscopy and etc.
- Experience in R&D projects in vacuum coating and other coating technology an advantage
- Good interpersonal, presentation and communication skills
- Positive, creative, analytical and good troubleshooting skills
- Good command of both spoken and written English and Chinese, including Putonghua
- Applicants may be considered for other positions if not matching the requirements of the subject position

Applications:

HKPC will take into consideration both the quantitative and qualitative requirements of the post when selecting the suitable candidates. A competitive salary package commensurate with academic qualifications and experience will be offered. The successful candidates will be employed on a fixed-term contract basis, which is renewable subject to appointee's performance and the Council's development needs.

Applicants should send application, together with a detailed resume, current and expected salary and contact telephone number by email to rsmd18318@hkpc.org (quoting the reference number on the subject heading) within 2 weeks.

Applications not quoting reference number will lead to late processing.

Personal data collected will be used for recruitment purpose only. Candidates not invited for interviews within 6 weeks may consider their applications unsuccessful and the applications will be disposed by HKPC within 12 months.