

Solvolytic Operator

Location: Tai Seng, Singapore

Department: Operations

Send CV and cover note to:

hr@nandinarem.com

Nandina REM is creating new sources of advanced materials for manufacturing supply chains. We are an early-stage company specialising in the use of deep tech and material science to recover and remanufacture critical resources, creating a rapidly developing market for low-emission circular materials such as carbon fibre composites and metals.

We are seeking a proactive and hands-on **Solvolytic Operator** to join our pilot plant team. You will be actively involved in daily plant operations including handling equipment for carbon fibre processing. The ideal candidate will ensure smooth, safe, and efficient processes, together with the rest of the plant team. Please note, candidates must have the legal right to work in their jurisdiction of hire. Nandina REM is unable to sponsor local work visas for this role.

Key Responsibilities

- Operate and monitor feedstock preparation equipment, including grinders, compressors, and filters.
- Handle material grading and testing equipment (TGA, tensile testers) as required.
- Perform routine maintenance on pumps, valves, hoses, mixers, and storage tanks.
- Assist with chemical receiving, unloading, and storage in compliance with SOPs.
- Support fibre grading processes, including batch tracking and documentation.
- Record operational data and maintain accurate logbooks and reports.
- Implement and enforce safety protocols for chemical handling, waste management, and equipment cleaning.
- Operate wrapping machines, hoists, and other plant support equipment for dispatch.
- Coordinate team activities, monitor production batches, and participate in process improvement initiatives.

Requirements

- Diploma, or Nitec/Higher Nitec in Chemical Process Technology, or equivalent.
- WSQ Certification in Chemical Process Operations and Workplace Safety & Health (WSH) preferred.
- Practical experience with chemical laboratory and process plant equipment (e.g., mixers, pumps, valves).
- Strong communication, and organizational skills.
- Safety-conscious, detail-oriented, and adaptable to evolving pilot-scale processes.

Why Join Us

- Be part of Singapore's pioneering effort in carbon fibre recycling and the circular economy.
- Gain hands-on experience in pilot plant operations with opportunities to learn and grow.

- Work in a dynamic environment with exposure to innovative, sustainable technologies.

Find out more about Nandina REM and our work [here](#).