



SCIENCE & ENGINEERING

## PROCESS ENGINEERING/INDUSTRIAL SERVICES

### Extraction Capabilities and Project Experience

The process engineering/industrial services section at RPC offers expertise on process and product development including design, prototyping, validation, retrofitting, and optimization testing to different industries across the globe. We have a variety of experience with bench and pilot scale testing all the way to plant commissioning, operation, and troubleshooting. Our section consists of an experienced staff made up of chemists, biologists, biochemists, and engineers.

With support from our in-house accredited analytical laboratories and our mechanical engineering group, we have conducted numerous applied research projects serving industrial sectors including cannabis, psychedelics, food, chemical, pulp and paper, energy, recycling, aquaculture, agriculture, oil and gas, and mining industries across 50 countries.

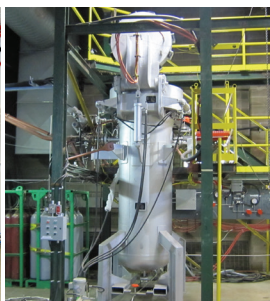
### CAPABILITIES

We have a wide range of bench scale equipment for raw material extraction, chemical precipitation, physical separation, distillation, and purification to meet product and process requirements. Our pilot scale equipment is utilized for producing products, process design and process validation.

We have been working with the cannabis industry on process and product development since 2016 and have completed numerous projects. As a result, our scientists and engineers have developed a unique expertise in extractions and product formulations.

### EXPERIENCE

- Development of novel extraction technology on dried and fresh cannabis
- Development of solvent extraction and cannabinoid isolation processes
- Validation of novel extraction techniques and generation of corresponding standard operating procedures
- Development of water-soluble cannabinoid products
- Review process equipment selection and plant layout



### CONTACT

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