MADE IN SASKATCHEWAN

Corporate Infrastructure Investment

Building Local Capacity
The RMD Story

When scientists and engineers at the CLS were designing a new experimental station, the demand for a state-of-the-art piece of equipment was essential for future research. RMD Engineering in Saskatoon was chosen to build the CLS-designed machine, and positioned the company as a world-class manufacturer of sophisticated synchrotron equipment in the process.

The elliptical polarizing undulator was the largest of its kind in the world. RMD Engineering spent over 9,500 work-hours of engineering, machining and assembly to put together the nearly 1,100 parts, including 865 manufactured components. The EPU measures 4.17 x 2.69 x 2.8 metres and weighs approximately 13,500 kg (as much as 10 Honda Civics!)

Impact for Saskatchewan

- Over 570 local suppliers since 2005
- 3000 researchers from academic institutions, government, and industry
- From 10 provinces and 2 territories
- Over 13,000 researcher visits

Training Sask. students and advancing Saskatchewan science

Developing ways to manage our natural resources, including water

Remediating uranium mine tailings

Advancing nuclear storage capabilities

Over 200 highly qualified jobs

Improving heavy oil recovery methods

Producing medical isotopes that will meet Saskatchewan needs

Sask. clients
Non-Sask. Canadian clients
International clients

Making our future brighter