

CANADIAN LIGHT SOURCE INC.

Our Competitive Edge

- The biggest science project in Canada in 30 years is open for business at the University of Saskatchewan in Saskatoon
- The size of a football field, the \$173.5-million Canadian Light Source (CLS) synchrotron is leading a new era of science and innovation
- The CLS is an extremely bright source of light that can probe the structure of matter to study physical, chemical, geological, environmental and biological processes
- Millions of times more intense than X-rays, synchrotron light allows us to 'see' at the atomic level – and analyze molecules and atomic activities with higher accuracy and precision than ever before
- The CLS is supported by:
 - A highly developed University of Saskatchewan research community
 - Innovation Place – one of North America's most advanced research parks
- Synchrotron light helps us:
 - Probe the structure of matter
 - Investigate chemical reactions for biotechnology
 - Develop new pharmaceuticals, vaccine drugs and medicines
 - Manufacture nanotechnology such as biomedical implants
 - Create advanced materials such as metal alloys for airplane wings and jet engines
 - Fingerprint trace elements to manage natural resources
 - Design new microchips and more powerful computers and telecommunications
 - Build microscopic machines or motors that will fit through the eye of a needle
 - Develop new ultra-thin and environmentally friendly lubricants
 - Analyze ore samples to determine the value of mining finds

Innovation and Opportunity

The Canadian Light Source positions Saskatchewan front and centre on the global map for research and technology.

The CLS offers exciting, new opportunities in:

- Research
- Academics
- Industry
- Manufacturing



The Investment Climate

- Pioneering achievements and world-class abilities in information technologies, telecommunications and advanced technologies
- Superior technological and telecommunications infrastructure
- Programs are available to encourage the development and commercialization of new technologies
- Provincial investment in education and training, and training allowances for employees to ensure that businesses get the skilled people they need
- Lower cost of living and doing business – and a healthy, safe and positive lifestyle

The Bottom Line

- The Corporate Capital Tax for businesses has been eliminated
- The 5% Investment Tax Credit for equipment purchased for manufacturing and processing is now a refundable tax credit
- The Corporate Income Tax rate for manufacturers in Saskatchewan can be as low as 10% through our manufacturing and processing profits tax reduction
- 100% of eligible R&D expenses can be used against net income for the purpose of calculating federal tax credits
- 15% provincial tax credit for scientific research and development expenditures

Want to know more? Contact:

Bill Spring

Director, Infrastructure and Services
Advanced Technology and Services Branch
Enterprise Saskatchewan
4th Floor, 3103 11th Avenue
Regina SK S4P 3Z8
Phone: (306) 787-2225
Fax: (306) 787-3989
E-mail: bill.spring@enterprisesask.ca

For more information about the synchrotron, visit www.lightsource.ca