

# This is the true story of an extraordinary Canadian achievement.

Reading time: 58 seconds



These two men are Guy Savard and Robert Lee, scientists with Canadian Liquid Air Ltd. They invented a new steelmaking process that is starting to revolutionize steel production around the world. The new process is called Q-BOP. It consists of a unique method of introducing oxygen into molten steel through the bottom of the vessel during the refining cycle, with important advantages. Capital costs are reduced. It produces a higher yield of quality steel in less time and it reduces air-polluting fumes.

It took the two Canadian scientists over 10 years of painstaking experimentation,

working in the Company's research and development laboratories and in steel plants. But finally it was done, developed to a commercial level in association with Maxhuette, a steel company in the Federal Republic of Germany – and the world's steelmakers sat up and took notice.

Now the patented Q-BOP process is taking hold across Europe: in Germany, in Sweden and France. In Belgium and in Luxembourg. Here in North America the United States Steel Corporation has completed the largest Q-BOP steel installation in the world. It is now in production and has a capacity of 5 million tons of steel a year.

At Canadian Liquid Air we're proud of Guy Savard and Robert Lee and their contribution toward improved productivity in this basic industry. It's part of our continuous research and development program that is putting oxygen and other industrial gases to work in many new ways. In some industries they're being used as process gases for the first time.

If you want to know what our gas technology can do for you, ask Alfred G. Dyke, Marketing Manager, Canadian Liquid Air Ltd., 1210 Sherbrooke Street West, Montreal 110, Que.

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