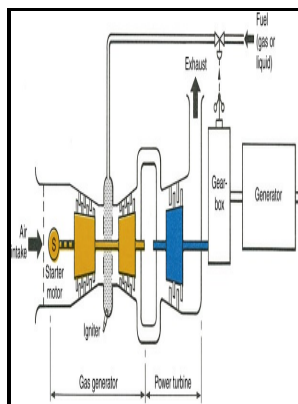


# Canadian Elemental Sulphur From Sour Natural Gas.

## s.n - H<sub>2</sub>S Sour Gas and Acid Gas Treating



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## H<sub>2</sub>S Sour Gas and Acid Gas Treating

During the same period, Canadian-recovered sulphur production rose by 40%. The Homeglen-Rimbey and Westrose gas fields were discovered near Leduc, Alberta.

## A Brief History of Canada's Natural Gas Production

A conventional 2-stage SRU, with two Claus Reactors, is typically expected to recover 96+ percent. Sour gas treatment process including dehydration of the gas stream 1993-10-25 1995-04-18 Membrane Technology And Research, Inc. Replacing coal with natural gas in power plants can reduce nitrogen oxide emissions by 80 per cent and virtually eliminate sulphur dioxide emissions.

## Sour gas

Some of the many industrial products that rely upon sulfur derivatives also include pulp and paper chemicals, batteries, detergents, fungicides, cosmetic and hygiene products, pharmaceuticals, and water treatments.

## Sour gas

These blocks contained 21 million t of solidified sulphur in 1981, but were reduced to less than 3 million t in the early 1990s as world demand surpassed world production. Edmonton Gas Well, Viking, Alberta, ca. The cylinder can then be washed with a liquid reagent and the subsequent reaction analyzed for sulfur.

## Sulfur

Detecting the presence can be done relatively easily but quantifying the amount of sulfur present is much more difficult. Vista Projects has partnered with a MARBET ® WIL, a Polish environmental service company, to engineer sulphur polymer production facilities in Canada. Sulphur recovery from heavy oil upgrading occurs in Saskatchewan.

## The Alberta Sulphur Industry

The process converts  $\text{H}_2\text{S}$  catalytically directly into sulfur, from lean low concentration  $\text{H}_2\text{S}$  streams 0. The main factor differentiating the two sources is location.

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