



# Suncor Edmonton Refinery – ISO 14001

## Refinery Basics

Suncor Energy's refining and marketing operations provide a vital link between our large Canadian resource base and the growing North American energy market. Our Edmonton Refinery sits on 247 hectares of land in Strathcona County (just east of Edmonton), and has been in operation for over 65 years. Products from this refinery include:

### Gasoline

- premium and regular unleaded automobile gasoline (available at our Petro-Canada stations)

### Diesel Fuels

- all grades of diesel to meet various specifications for diesel engines including Arctic winter and summer fuels ( available at our Petro-Canada stations )

### Aviation Fuels

- aviation gasoline and jet fuels

### Heating Fuels

- kerosene and stove oil

### Liquid Petroleum Gases

- butane and propane for heating, and motor vehicle fuel

### By-Products

- coke – used primarily for power generation
- sulphur – for fertilizer



Commitment to ISO14001 Environmental Management System:

Suncor's Edmonton Refinery obtained its ISO14001 environmental certification in 2004. Since then, we have maintained its conformity to the requirements of this standard.

Our vision is to be a trusted steward of valuable natural resources. Guided by our values, we will lead the way to deliver economic prosperity, improved social well-being and a healthy environment for today and tomorrow.

The Refinery's Environmental Management System (EMS) identifies that we are accountable to our shareholders, employees, government agencies, and to the communities in which we operate. In relation to the environment, our refinery's EMS focuses on those elements that can have the greatest impact on our community.

Those elements broadly break down to:

- water management;
- soil and groundwater management,
- emergency response planning,
- waste management, and
- air emission control.

The issues facing the Edmonton Refinery include market access, adapting to new and changing regulations, emergency response management, and remaining on budget.

To align with Suncor values, the EMS policy focuses on continuous improvement, pollution prevention, environmental protection/enhancement and regulatory compliance. These four components support the goals of economic prosperity, improved social wellbeing and a healthy environment for today and tomorrow.

The EMS is applicable to the Edmonton Refinery's activities involving the manufacture, storage, pumping, and shipping of petroleum products including water treatment and air emissions control.