



**Unique scholarships offered to students enrolled in the *DEC en Techniques de procédés chimiques* program**

A scholarship program in partnership with the Collège de Maisonneuve and Fondation du Collège de Maisonneuve.

**Suncor is preparing its next generation of workers**

Established in Montreal for over 60 years, the Suncor Montreal refinery is Québec's second-largest such facility.

Since its founding, the company has constantly consolidated its activities, while always envisioning a promising future as a member of the East Montreal community. This is why the Suncor Montreal refinery is keen to invest in a new generation of dynamic workers.

**Suncor Scholarships for the community's youth**

To encourage local hiring, in 2009, Suncor has introduced a scholarship program for graduates of Pointe-aux-Trembles and Daniel-Johnson high schools who enrol in the *Techniques de procédés chimiques* program offered by Collège de Maisonneuve. In 2017, two high schools joined the program: College St-Jean-Vianney and Calixa-Lavallée high school.

The scholarships cover tuition fees, the cost of textbooks and other study materials, and safety equipment over the full three years of the program. As well, the requisite internship will be done at Suncor's facility, while second-year students will be offered a summer job.

Once students complete their training, they could be offered a permanent and well-paying position.

## **Chemical Process Technician: a trade with a future!**

### ***The Chemical Process Technician sees to the smooth functioning of the refinery.***

Given the nature of the substances handled at the refinery, the Chemical Process Technician oversees all the equipment rigorously and ensures compliance with standards governing quality, safety, and environmental protection. His objective, like Suncor's, is continuous improvement. This is what is known as operational excellence!

### **A wide variety of tasks**

In short, he...

- verifies the safety equipment and processes (field inspection rounds, sampling, and intervention when required);
- conducts shutdowns or start-ups of treatment systems and equipment for operations and maintenance (electric motors, heat exchangers, pumps, compressors and metering devices);
- responds when emergency situations arise.

### **Essential attributes**

A Chemical Process Technician needs to:

- be in good physical shape;
- know how to handle stress;
- show sound judgment and be inquisitive and analytical;
- be responsible and autonomous;
- enjoy teamwork;
- be concerned by the safety of others and the protection of the environment;
- embrace technological innovation;
- have respect for standards and procedures.

### **Good working conditions**

A Chemical Process Technician works 12-hour shifts. This is offset by a generous allotment of time off.

### **Average wage: \$40/hour, or approximately \$80,000 annually**

(based on salary at Suncor in 2013)

### **A valued and stimulating job**

The refining, petrochemicals and chemicals industries play an essential role. Petroleum by-products are a part of the fabric of people's everyday lives. These sectors generate high added-value, and present major technological challenges as companies strive to remain ahead of the curve.

The training offered by Collège de Maisonneuve will enable you to become a skilled and accomplished Chemical Process Technician. It will help you make a seamless transition into the professional workplace.

Employment prospects for this trade are excellent. Over the next five years, more than 800 positions in the field of chemical processes will need to be filled in Québec.

These jobs span a number of sectors:

- Refining, petrochemicals, industrial gas, plastics;
- Glues, paints, pigments, cleaning products, chemicals;
- Specialized chemical applications, cosmetics, pharmaceuticals;
- Treatment of minerals and metals;
- Environmental applications and recycling;
- Agrifood.

### **An exciting and accessible trade!**

#### ELIGIBILITY CRITERIA FOR THE SUNCOR SCHOLARSHIP

- Full-time enrollment in the *DEC en Techniques de procédés chimiques* program at Collège de Maisonneuve when the application is submitted;
- Be a resident of East Montreal (Pointe-aux-Trembles or Montréal-Est) and be a graduate of one of the two following high schools: Pointe-aux-Trembles, Daniel-Johnson
- A commitment to complete the DEC program within the timeframe required;
- Be sponsored by a member of the high school staff;
- If awarded a scholarship, sign an agreement with the Fondation du Collège de Maisonneuve.

#### SELECTION CRITERIA

The following elements will be considered:

- Academic and personal achievements;
- A letter of recommendation: a qualitative assessment from a teacher or other individual attesting to the candidate's character and commitment (for example: focus, perseverance, involvement in the classroom, etc.);
- An interview with the selection committee (representatives from Suncor, Collège de Maisonneuve and the Fondation du Collège de Maisonneuve);
- The absence of a disciplinary record during high school studies.

Fluency in French and mastery of English will be considered assets.

#### STUDYING AT A RECOGNIZED ESTABLISHMENT!

The *DEC en Techniques de procédés chimiques* program is offered at Collège de Maisonneuve, an institute where researchers, teachers and businesspeople can meet and interact.

Prerequisites:

- Physic Science: 436 or STE 4<sup>e</sup> (Science et technologie de l'environnement) or SE 4<sup>e</sup> (*Science et environnement*)
- Mathematics: 436 or STE 4<sup>e</sup> (Technico-sciences) or 4<sup>e</sup> (*Sciences naturelles*).

#### **Solid partners**

Suncor's scholarship program is a close collaboration between Collège de Maisonneuve, the Fondation du Collège de Maisonneuve and the two Pointe-aux-Trembles high schools.

### **Collège de Maisonneuve**

Collège de Maisonneuve offers 19 programs, 6 of them pre-university and 13 vocational, including the exclusive *Techniques de procédés chimiques* program.

Collège de Maisonneuve teaches some 7,000 students, both young and adult, and has a 500-strong teaching staff, while also offering a rich and varied student life beyond the classroom, with sports, cultural activities, opportunities for citizen involvement, etc.

In addition, it is affiliated with three college centres for technology transfer (CCTT), namely the CÉPROCQ, ITEGA and IRIPi.

### **Fondation du Collège de Maisonneuve**

The Fondation supports Collège de Maisonneuve students who show determination and commitment to their course of study. It offers them a scholarship program and helps them undertake projects and internships related to their course of study.

The scholarships offered by the Fondation reward perseverant students for their efforts, and all the projects the Fondation supports promote learning and personal growth.

### **Suncor, a modern company**

Over the years, Suncor has expended considerable efforts to develop an industrial complex that is competitive on the world stage. In recent years, the company has invested over a billion dollars to optimize the environmental and safety performance of its entire operations. And since 2004, the Montreal refinery has been ISO 14001 certified.

The company offers a dynamic work environment, including training programs and many options for advancement and professional growth. It is always pursuing operational excellence!

### **SUNCOR'S MONTREAL REFINERY**

- Refining capacity: 137,000 barrels/day, the equivalent of 2,400 Olympic-size swimming pools
- Products:
  - Petrochemicals used as inputs in the manufacture of countless everyday products, such as plastics and clothing (for example, polar wear)
  - Liquefied petroleum gas (propane and butane)
  - Diesel fuel
  - Gasoline
  - Furnace fuel oil
  - Residual fuel oil
  - Asphalt
  - Petrochemicals (benzene, toluene, xylene)

**More than \$300 million in operating expenses each year**

A large portion of that amount goes back to the community in the form of wages and the purchase of goods and services.

[Suncor, Collège de Maisonneuve and Fondation logos]

***SUNCOR***

***Montreal Refinery***

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