

COMMITTEE ON AFFAIRS OF THE ENGINEERING FACULTY

Report from the Department of  
Metallurgical Engineering

---

Introduction. At the meeting of the Committee on December 18th, 1930, each department was asked to prepare a report showing how closely the instruction it gave had kept pace with the advances of science and industry during the past ten years. As the housing of the Metallurgical Department and its main teaching equipment was arranged more than thirty years ago and as it has not been found possible to bring about any fundamental change in accommodation since that time, it will be appropriate in the first place to survey the changes that have taken place during this interval.

Accommodation and Equipment.

When the Mining and Metallurgical laboratories were built and equipped, about the year 1898, the metallurgical laboratories were provided with large roasting and smelting furnaces which at that time were considered suitable teaching equipment for a metallurgical school. The laboratories themselves were not suited to such appliances, and, among other difficulties, there was a serious danger of fire in the fire-assaying laboratory which has a very low wooden ceiling.

Before coming to McGill in 1901 I had carried on metal-