INDUSTRIAL ENGINEERING DEPARTMENT

JOHNS-MANVILLE

MANVILLE FACTORY

Rev. 100-8-141

Page No. 1

Date 8-2-46

Title: X-RAY EQUIPMENT FOR THE DISPENSARY
File: #100-4-3
Appropriation No. 951-E-2682

Purpose

The purpose of this report is to outline the necessity of replacing the present inadequate X-Ray equipment with a more modern unit, better suited for diagnosing purposes by our physician.

Summary

At the present time we are using X-Ray equipment that is 15 years old. This unit has a capacity of 100 milliampere at 85 Kilovolts and requires 1/10 to 1/20 of a second to take a picture.

In taking pictures of heavy or thick chested people our present apparatus will not take a clear picture. In order to get a clear picture of people of this type it is necessary to send them to Somerset Hospital to have the pictures taken.

In trying to get clear pictures of heavy people, the exposure requires 7/10 of a second. The maximum safe exposure time for safety is 1/10 of a second.

It is, therefore, recommended that the present X-Ray equipment be replaced with modern equipment.

Investment

Capital Expenditure $9,858.00

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ALWAYS REFER TO ABOVE REPORT NUMBER IN CORRESPONDENCE

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