

manufacture of "Comfort" Soap, so as to secure their purity and uniformity, and to separate and save the valuable by-products from the spent materials, products which are usually allowed to go to waste in the ordinarily equipped soap factory.

The Power Equipment

The motive power for the big institution is located in a power house adjoining the main building. The plant consists of a battery of huge boilers, the latest addition to which is an immense Heine steel boiler of 350 h.p. These boilers are stoked by two big Jones patent underfeed stokers, which consume the smoke and add greatly to the steaming capacity of the boilers. A 75 h.p. Wheelock reciprocating engine, with its great fly-wheel, actionises a part of this large volume of steam, which whirls shaft, wheel and machine, while another portion enters the pipes in the big kettles for the purpose of boiling the great masses of materials making "Comfort" Soap.

Besides the great boiler battery, the powerful engine, the big stokers, and the numerous subsidiary mechanisms necessary to such a plant, there is a large capacity electric generator which lights the entire works.

A telephone system, embracing nine instruments, is required for communication for the various departments.

Every detail of this magnificently equipped factory has been thought out with the view of obtaining the "best results" and the "greatest despatch." Where such un-