



WORKS CONTROL LABORATORY

The establishment of the new Works Control Laboratory; situated next to the Turbine Room on "C" Plant is now an accomplished fact. This marks a forward step in the progress of Chemical Control which is an important factor in a Chemical Industry. Apart from being a credit to the Sulphide Corporation it shows the Management's recognition of Chemical Control.

The Works Control Laboratory was originated by the Chief Chemist, Mr. I. Horys in 1950 for the purpose of central control of the supervision of sampling and testing on the Works, the Works Supervising Chemist then being Mr. Storey. A small laboratory was built next to the Foreman's Office on No. 4 Chamber Plant. On the erection of the New "C" Contact Plant, provision was made for the new laboratory.

The attached photographs taken by Don Young show the general lay-out of the Laboratory. The Balance Room can be seen fully enclosed by glass panels to give maximum lighting efficiency; all air currents and disturb-

ances which affect accuracy of weighing are eliminated. Ample storage space for reagents and glassware is provided for by cupboards which extend to almost the length of the Laboratory. The work bench itself allows free movement for working.

The above photograph shows the burette-stand with respective standard solutions for various determinations. This stand is arranged close to the window to reflect plenty of light. Any gases or vapours evolved during determinations are effectively dispersed to outside atmosphere by a fan which pressurises the laboratory.

To maintain quality and achieve better efficiencies in production, Chemical Control is a vital factor. Sampling, which is the foundation of chemical control, is constantly under revision with the object of obtaining the best method to ensure true sampling. Samplers and testers are constantly instructed in these various methods.

Because instrumentation plays a big part in Chemical Control, it is necessary that chemical control instruments be continually checked and standardised; this is one of the main functions of the Works Control Laboratory.

— J.R.S.