IN DESIGN
OR REDESIGN
LINDE PROCESS SERVICE ASSURES
YOU EVERY ADVANTAGE OF
OXWELDING AND CUTTING

In planning a new metal product or improving an old one, Linde Process Service places at the disposal of Linde users an unparalleled knowledge of the oxy-acetylene process of welding and cutting. This service effectively supplements the work of your own engineers in obtaining maximum design advantages, production economies, and complete dependability. Typical examples of Linde Process Service include—

Assistance to a manufacturer in remaking a broken cast iron generator yoke on an urgently fast schedule. This unit was redesigned for fabrication from oxy-acetylene shape-cut steel by welding.

Cooperation with another manufacturer in designing for welded production a steel forming press. Dependability was achieved at exceptionally low cost through the use of oxy-acetylene shape-cut steel.

Helping an aircraft builder design a "hot spot" for fuel heating. The necessary compactness of this device could be obtained only by oxwelding. Lightness without sacrifice of strength was essential.

Tomorrow's engineers will be expected to know how to apply the oxy-acetylene process of welding and cutting metals. For their assistance, we have prepared several interesting technical booklets explaining how this modern metal-working process is used in the design, construction, and fabrication of metal parts and structures. These books contain newer and more practical material than most texts and will form a helpful addition to your personal library. Write to us and we will send them to you without charge.
"EYES" THAT GUIDE AIRCRAFT

SPEED with safety and dependability is the essence of airplane service. To-day's ship is safer in fog and darkness. Its "eyes" are in its instruments, and the equipment of a new monoplane recently purchased by General Electric is unique in that the instrument panel is almost completely electrified.

The ship is equipped with many electric devices: automatic steering, radio apparatus for communication and contact with directional radio range beacons, and a sonic altimeter to give accurate indication of height above the ground, regardless of visibility. The 300-horsepower engine is equipped with a G-E supercharger.

Other General Electric apparatus on the ship includes an electric engine-temperature indicator and a selector switch, a magneto compass, a card compass, a drift indicator, a turn indicator, a tachometer, an oil-temperature indicator, an oil-pressure indicator, a voltmeter, control pulleys, landing lights, and an oil immersion heater.

These developments in air transportation were largely the accomplishments of college-trained engineers who received preliminary experience in the Company's Testing Department. Hundreds of college graduates join the ranks through this department, which trains them for electrical leadership on land, on sea, and in the air.