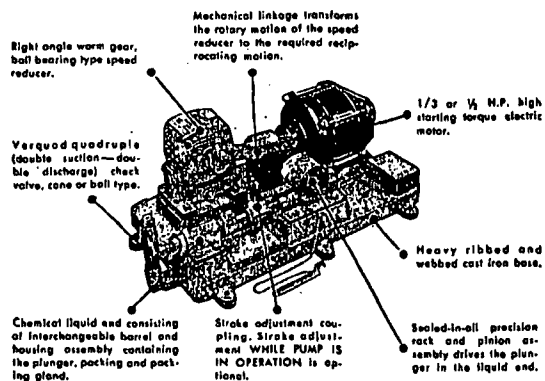


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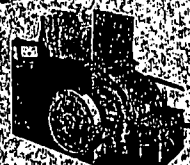
More TECHNICAL BRIEFS

This problem has grown enormous during the last two or three decades because of the tremendous expansion of our industrial potential in the United States. The control of these wastes discharged into the air is not simple, and limitation frequently can be justified only on aesthetic grounds. Demonstration of the danger to human health is not easy because the concentrations of the common contaminants are usually far below the maximum allowable concentrations employed in protecting plant employees. The three sources of evidence which may be used—(1) the reaction of the workers to much higher amounts, (2) the careful study of unusual instances of extraordinary exposure in the plant or the community, and (3) attempts at correlation with morbidity and mortality rates of reportable diseases as gathered by the health departments—are discussed in detail. In each instance these approaches give some help, but even when all can be employed effectively, large gaps remain to interfere with the formulation of adequate control procedures. Still better indices are required, the possible use of field morbidity surveys studying the incidence, prevalence and outcome of human illnesses in clean and polluted areas will be described. Although the approach is costly and time-consuming, it is likely the only method which will furnish the information needed by the health authorities and the industrial engineers in their efforts to answer the question. MCA Paper, no number.

Construction of three tiered hydroelectric plants, 260 miles north of Los Angeles, to provide an additional 112,500 kilowatts of electricity for that city, is nearing completion. Each has one unit rated at 37,500 kw. The plants are located in the gorge of the Owens River and utilize the flow of water discharged from Crowley Lake reservoir which has a storage capacity of 183,465 feet. The total average static head from intake to discharge to the river is 2,400 feet. A 230 kilovolt bus connects the three plants and feeds into a single circuit 230 kv transmission line which terminates 260 miles away at Los Angeles.

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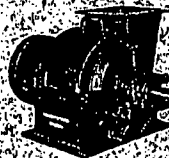


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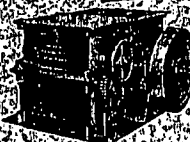


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