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Editorial Notes

Welding.—Methods of joining materials by welding have so developed that they are now coming into increasing use all over the world, various types of welding which have stood the test of time are now being used with confidence. Welding has been accepted by classification societies and special rules have been adopted by them for welded parts of ships. However, safety of welding depends to a great extent on the skill of the operator and the type of materials used for welding. It is of importance therefore to have institutions for training welders and issuing certificates of competency which can be relied upon, when engaging welders.

The manufacture of welding rods has been undertaken in India by a few firms. But it appears that due to methods of steel control and distribution in existence the amount of steel received by them is not sufficient for the production of the total requirements in India.

We have for publication in this issue a paper on welding read before the Indian branch of the Institute of Welding.

The education and training of Engineers is a matter of very deep concern to the association. The nature of training hitherto adopted has been responsible for the lack of advancement of Engineers in the administrative functions. Highly Technical personnel seldom have opportunity to develop administrative ability. In private firms and even in public service financial and commercial matters are often kept highly confidential and it is therefore

seldom possible to obtain working knowledge of these in the course of service by one not in that particular department until by gradual promotion he is admitted into confidence. It would therefore be helpful for engineers under training to have early enlightenment on the financial, commercial and psychological considerations, that have to be taken into account in any administration. We have for publication in this issue a paper by Dr. Ing. J. N. Basu, Professor of Mechanical Engineering at the College of Engineering and Technology, Jadavpur, a paper describing the courses of education in Scientific Management adopted by various institutions. This paper was also published in his College Journal, of which a copy may be found in the Association Library.

Naval Architecture & Marine Engineering.—The increasing entry of Indians into the shipping industry and the need of maintenance and construction of a Navy by India for preservation of her independence has caused increasing attention to merchant shipping and naval matters. A brief article is therefore included in this issue to remove confusion regarding various terms in use and serve as an introduction for further articles relating to ship—design and construction.

The author of the article "Engineering Education in India" in the last issue of the Journal should read D. S. Desai in place of D. B. Desai. There has been several printing errors in the article which is very much regretted.