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**Editorial Notes**

**Welding :**

The use of welding instead of riveting as a means of joining together parts of a steel structure has many advantages, if certain precautions are taken, and some dangers if the precautions are lacking, one of the advantages is the saving of a considerable amount of steel which is beneficial not only to the user of welding but to all who are in need of steel and are suffering from shortage of steel for their structures. Use of welding is therefore of both national and international importance. From this point of view, it is necessary for all users of steel to have knowledge of efficient methods of welding and the precautions to be taken to avoid the dangers. For the spread of this knowledge several Institutions of welding have been established in various countries. Among these, we have in India a Branch of the Institute of welding (London) whose offices share the same premises as our association and one of their members, Shri B. Majumdar, B.Sc., A.M.I.C.E. (Lond.), A.M.I.E. (Ind.) has kindly presented us with a paper on "Welding Bridge Construction" which we take pleasure in publishing in this issue.

The paper has special reference to welded plate girders. But it contains many useful particulars of a general nature regarding the precautions necessary in the composition of the Material, its Testing; Types of Electrodes suitable for use; Selection of Welders; Methods of Fabrication, inspection and erection. A study of these will be found helpful.

**Engineers and Engineering Institution :**

The function of Engineers and of their institutions has recently become the subject of a great deal of comment. The importance of Engineers to Industrial Development and Agricultural Improvement intended for the welfare of society has been brought into prominence by the undertakings of the schemes developed by the Planning Commission. The financing of the projects the administration of the man power and the training and grading of the technical personnel have raised a number of questions of opinion which require some study in order to give a judgment. We publish below a few examples of the type of questioning which have been presented to us and leave them to members to judge for themselves and to let us have their comments for publication.

We have here questions regarding the relative functions of the "Accountant" and the "Engineer," The "Engineer" and the "Doctor," The "Degree" holder and the "Diploma" holder, The "Institution" or "Association" and the "individual Engineer."

There are many statements in these articles with which we are not in agreement. But we reserve our judgement until receipt of further comments from our members. We hope these will provide food for thought and promote a lively and healthy discussion which will serve to free the minds of all concerned from all personal acrimony that seem to be concealed within the body of these articles and in many minds that have given no expression to their thought.