

and finishing, a fair advance is made on these costs, the same as in other departments of a well regulated shop. The result is that general satisfaction is given, but in the case of a large casting, where the customer is not a mechanic, or lacks some practical knowledge of machinery, a price may be quoted which is perfectly fair for the work, but seems utterly ridiculous to the customer.

If any of the members present would like to ask any questions relating to the different classes of welding and cutting I shall do my best to answer them, and I extend to all of you who are interested, a hearty invitation to visit our welding room at 10 Lombard Street any time between eight a.m. and five p.m., except Saturday, when we close at twelve o'clock, in the oxyweld department.

Thanking you for the honour of inviting me to address you, and apologizing for my shortcomings as I am not a public speaker, and not an engineer, I shall be most happy at any time to contribute anything new of interest in our line of work.

If I might be allowed just a moment or two, I see some friends of mine in the audience who are interested in this line of business and no doubt the members present would like to hear from them, and I would like to hear from them myself.

There is Mr. Chas. Royer who has come all the way from Montreal to be here to-night and Mr. J. Macmillan of the West Toronto branch of the L'Air Liquide Society.

Chairman,—

Your friends will be given an opportunity to speak in a few moments, Mr. Arnett.

I might say, gentlemen, that some two years ago Mr. Arnett invited me down to see his plant, but I am sorry to say that I did not avail myself of his invitation at the time, but a few months ago I happened to be going along Lombard Street, and I noticed their sign, so I went in.

Gentlemen, I was never more surprised in my life. I have been in boiler shops, railway shops and shops of all description but this was an eye-opener to me. The thought came to me that this would be an interesting subject for a paper for this club. I called up Mr. Worth, and asked him if he had any vacant dates for papers, and he said that he had, so I spoke to Mr. Arnett and induced him to agree to give a paper here to-night.

You would be surprised to see the number of different kinds of castings, etc., they handle. While I was there I saw a large number of prison doors made of sheet steel and angle iron. I asked the welder what they were going to do with these, and was told that they would be welded at each corner.