

# THE BATTALION

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## NOTICE

All manuscript intended for The Battalion must bear the signature of the writer—no non de plume will be accepted. While the name will not be published, no notice will be taken of pieces if they are not signed.

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WEDNESDAY, OCT. 3, 1906.

## LETTERS FROM THE ALUMNI

Through the courtesy of Dr. Brown, we are able to print the following letters from members of the class of '06.

The Electric Club, 427 Centre St. Wilkensburg, Pa.  
 Prof. N. H. Brown,  
 College Station, Texas.

Dear Prof. Brown: Sometimes I wish that I could come back to College this year, but as it is I am more nearly satisfied than I ever was before. The work is not too hard, although I get pretty tired sometimes, and I like the life here very well. I spent the first ten weeks on the A. C. D. C. locomotives, about four of these on the N. Y. N. H. & H. locomotives, and so got some very valuable experience.

The New Haven cars are the most complete machines I ever saw. Some time when I have more paper I will tell you all that I can of them, and maybe will be able to tell you of a few things that you do not already know of them. I want one of the blue prints, showing the wiring, so much that I am almost tempted to steal one when they are left out. I have been in section E, on transformer coils for a week. One thing that had me "stalled" for some time here was the Series Transformer. I simply could not understand its actions, transforming currents, so to speak, instead of voltages, till I found a very good article on the subject in a Club Journal of about a year ago. Then there is a good article on them in one of the late Electrical Works.

Yours sincerely,  
 J. H. Pirie.

Lynn, Mass., Aug. 17, 1906.  
 Prof. N. H. Brown,  
 College Station, Texas.

Dear Prof.: I cannot put off writing to you any longer for I have wanted to ever since my arrival here. I hope that you will

not think I have forgotten you and the A. & M., for such is all a mistake.

The course here is fine, and I am certainly glad that I came to Lynn. I have been on the test induction motors ever since I started to work—my time is up on this test on the 25th of this month. I like the tests, and will be more than satisfied if all turn out as well as the induction motor tests. A full set of tests on the motors consists of load and eff., starting torque, excitation, impedance, and we take the cold resistance; and hot resistance also after a heat run. We have had a good deal of work also on starting boxes. When we haven't a box, we balance our resistance with reactance coils, which is a long and tiresome job. We test our single phase for starting torque with these boxes having full voltage on all readings, and use only one half voltage for three phase motors. The load and eff. test is our longest test—from this test we get the horse power, efficiency, power factor, and per cent slip.

On our test we have had but one motor over a five horse power, which was a fifteen; out of this motor we got 28 h. p. on our load and eff. tests, but the engineers wanted 35 h. p. We test but very few two phase motors. The past week has been more to me than any other—the foreman of the test being away put me in charge, so I got more good than before.

Where is your brother now? I hope he is in good health. I know he will do well. With the best of wishes to all,

Your friend,  
 Huffman Baines.

51 Mall St., W. Lynn.

The following are extracts from letters of C. G. Brown, who is in Cleveland:

"I started to work for the North Electric last Monday morning. I have been treated much better than I expected. It is easy to ask questions. I am not kept at each job as long as I supposed I would be. I worked a little one day at assembling ringers, then I was put onto assembling transmitters and learned considerable of the work. Now I am on receiver assembling and will probably stay on it till I know all of it. The work is very interesting. I will let you know more of it a little later."

"The North Electric Company work is going finely. I have learned most of receiver and trans. assembling. Have worked some on ringers and some on desk sets. I understand the N. E. Co. put most of their salesmen through the shop before they put them on the road. They (the prospective salesmen) spend most of their time, while in the shops, in as-



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sembling phones and working of switchboards."

International & Great Northern Railroad Company, Engineering Department, Palestine, Tex., Sept. 16.  
 Mr. T. E. Holloway,  
 College Station, Texas.

Dear Friend: I received your circular letter some time ago but laid it away and in rummaging around today I found it again. As

I have no postals I will use this method of informing you that my original intention of returning to A. & M. has fallen through, and I am now working in the engineering department of the I. & G. N. as Assistant Engineer with headquarters at Palestine. I will at the same time let you enter my name as a subscriber to the "Bat" for the coming session. I will pay you when I come down in October

some Sunday.

Well, this is wasting your good time, so I will close. Give all the boys my best, and with best wishes for your success both as editor and otherwise, I beg to be, as ever,  
 Your friend,  
 L. G. Lenert.

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