W La Paz – Bolivia, April 7, 2017

Brothers and Sisters:
Scholarships Committee
**BOLIVIAN QUAKER EDUCATION FUND**
United States

**Ref.: REPORT OF MY ACTIVITIES**

Dear Brothers and Sisters of the Scholarships Committee, I send each one of you my cordial greetings, wishing you always success in the work that you perform for the good of Bolivian youth.

**ACADEMIC ASPECT**

I am Fidel Chigua Carani. I am studying Metallurgy, Smelting, and the Iron and Steel Industry, and am now in my first semester at the Brazil-Bolivia Industrial Institute. I feel very happy to be part of the scholarship program after having been in the Student Residence in Sorata for several years, where I finished my secondary education satisfactorily thanks to the support I received there. Now as my life experience is evolving, I should look for new challenges.
I will relate below the activities I am performing in my studies.
There are six subjects I need to study this semester:

- PHYSICS-100 FOR METALLURGY
- INDUSTRIAL TECHNICAL DRAWING
- GENERAL METALLURGY
- SMELTING
- MATHEMATICS-100 FOR METALLURGY
- CHEMISTRY-100 FOR METALLURGY
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In my Chemistry-100 for Metallurgy activities, I learned about acids and their oxidation in the Institute's laboratory. Now I know that an acid is always accompanied by a non-metallic molecule or in some cases by an amphoteric compound.

I should also mention that in the Metallurgy course we collect aluminum scrap like pots, boilers, frying pans, and bowls. Some of my classmates even brought new pots so we could see how aluminum melts and is recycled. While the aluminum is melting in a crucible furnace, we put in iodized salt to lift out pores leaving the aluminum 99% pure. Then we wait for the aluminum to recover while we make a mold out of natural sand, which contains silica. When it is ready we all pass some to the casting spoon and later make a casting mold. We wait five minutes for it to cool, and on unmolding the piece we got the result that we wanted, as you can see in the photograph.