

## Photo report V29:

Project Wiap International Vietnam  
Project start November 2010. Our present  
Labour Start: 15 April 2013 to May 15, 2013.  
The A apprentices soon begin an internship  
externally. The B apprentices come from then  
in the footsteps of the A apprentices.



Photo 1: We brought 3 lap top again. Now we have 12 places for the CAD drawing.  
A 15 student (3rd year) 2 from left, makes the new expansion plant WIAP LC 100 There is a vibrator with 5.5 KW motor.

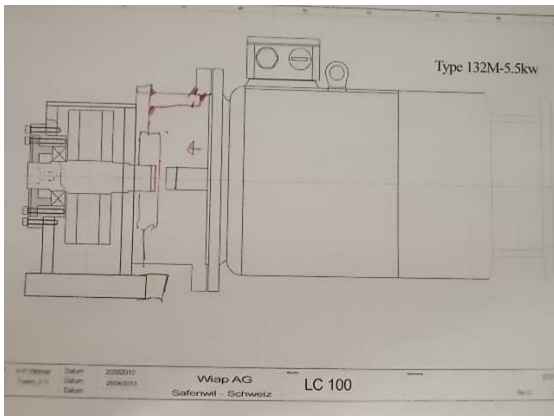


Photo 2: This system is redrawn and then completely established.



Photo 3: A9 apprentice got the duties to subscribe to Reface a machine for the oil industry. We hope that the layout is done in the next 2 weeks. However, it is not easy because much behind it.

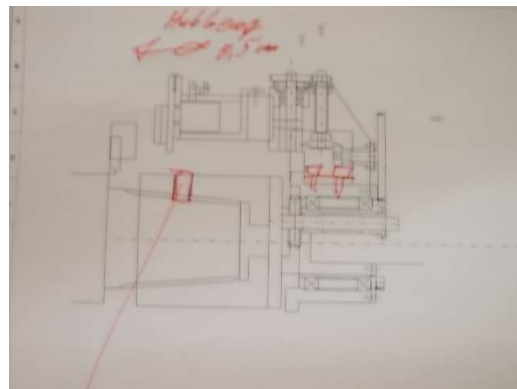


Photo 4: The Reface machine, a side view. We always make some more fixes and improvements. We recognize that moment, he also sees what is at stake. The amazing, some are very slow and are useful, far-sighted young people.

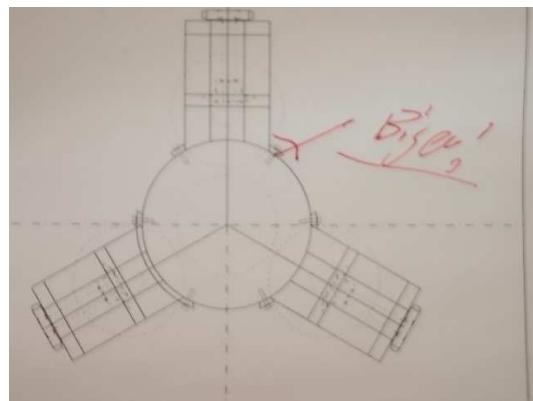


Photo 5: Here is the side view of the design.

Presumably, we make use of the project Patent. Because it is so complicated that only a few see through. If it is declared a third party, you can see in the eyes, that they do not know what it is, although many say is "Yeah!" Just increases the challenge.



Photo 6: For Angola have 2 apprentices Get tool holder for drawing. That is also very complex. Because a lot of points must be observed.



Photo 7: These holders were appointed by Sandvik, which are not stable.



Photo 8: With the old, used for years toolholders, the rotating image always looks very good. Without chatter marks, which means that all audits

are therefore well with the tools. Now a plan is worked out, which still contains only good. For apprentices is good thinking and learning work. Also very good, with many different activities take place. Everyone looks over each shoulder and learn, no matter who makes it. All learn every day a lot of new things.



Photo 9: make 30 spacer rings in various lengths with parting, here's the job. That's what it all now B and C apprentices.



Photo 10: The vertical machine Wiap DM2V there is a large swimming party. The apprentices, including teachers, have unscrewed hundreds of sheets and anything labeled, numbered nothing. This on 2 machines did and today they no longer know what goes where. We let them fidget, just so they are never without thinking before work.



Photo 11: Both V machines in the assembly



Photo 14: For the sharpening stone cleaner boxes must be made.



Photo 12: We need perforated plates with many threads, M6, M8, M10. The muscles are where all must be done by hand.



Photo 15: We have said that we want to see in no place more than 2 people. We can not do yet. There will soon be a necessary crackdown.



Photo 13: milling possible on a daily basis.



Photo 16: We have good welding talents with us in school





Photo 17: The young man scratches slag from the holes. Why is that? Also we need to convey a lot.



Photo 20: Here the apprentice A18 has a pattern made for the tropics Cabinet Control controller TCC. We will make 6 pcs for Luanda and Cabinda and 8 for 4 pieces in stock. This is just the final exam.



Photo 18: Our welding walls take them off and just go away. Especially the teachers then weld. Without regard to third parties, and whether they are blinded. We will distribute to those negative points, which allow this in the future.



Photo 21: Our best apprentice electrician. Whenever we are here, he must prepare the delicate work. He is a teacher, if he wants.



Photo 19: This is a table



Photo 21: The pattern front panel for the new tropical Cabinet Control TCC device we have. Now we test and we will order 30 plates. This device prevents the expensive electronics is always

destroyed in tropical regions because of the condensation. It has an integrated PLC.



Photo 22: The Apprentice turns a flange for metal expansion plant Wiap LC 05 We have launched 3 pcs. Each plant with about 20 positions. Some apprentices have something to do.

spindle nose DIN 55021 Size A15 and then read the value from the vernier.  
The partially small, young men to see with such a large caliper, looks quite delicious. But they can.

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April hpw



Photo 23: A C Apprentice (1. year) grinding machine for grinding with the Swiss "Hugi"

After 3 month internship our apprentices will make the final examinations. This, which contains 40 modules after the module plan.

It will all have to be worked through. Rather different than in Switzerland, where a project is done, we will go through all the modules with an examination paper. It has the advantage that the rating of good or poor students to have a clear line. A pre-test we did in January 2013 with the examination system. It is a joy to watch when the boys have to compete with a 1000 mm caliper a