

Bericht 07: Rev02

Projekt Wiap-KFKOK Vietnam,
Open Door 20.1.2011

Secondary school of south east area mechanics and
electricity at Thien Tan Commune, Vinh Cuu District,
Dong Nai Province; Vietnam

erstellt: 20.01.2011



P1: Sven and Jessica go over the New Year back to Switzerland. Here they say goodbye to our four teachers.



P1a: Group photo 20.1.2011 in area 2a.



P2: Our assembly/montage room 3A 10 x 10 meter.
All our area it's nearly 1000m/2.



P3: This is our Wiap DM2S horizontal CNC lathe, this machine we designed for areas where is the air not so clean.



P4: This is our – (started 4 years ago) - lathe WIAP DM2W. Now she is ready for completion.



P5: Our electro cabinet for two DM2 machines.



P7a: Our forklift today. Our crane is not finish, so we work with the forklift. The next electro forklift is ready in Switzerland.



P6: Measuring tool - all material's from Switzerland



P7b: Same transport belt we have here, but is not finish. All frames we design our self and our students made them self.



P7: We have all measuring tool's up over 500 mm.



P7c: All our tool system is painted with 2 colors. Today we have three complete tool Sets in the montage area.



P9: Schaffner milling machine from Switzerland ISO 40, Table 200x750mm



P8: Our milling and turning area in room 2a. With space for 3 other machines.



P10: Induma milling machine ISO 50, Table 300x1500 mm.



P11: These is our conventional lathe Menziken from Switzerland centre High 230mm x 1000mm.



P12: First turn job on the Menziken lathe, 1 student we instruct for to be a help instructor.



P13: It is a tool grinder Solid DS3 . We have many turn tool and stone and diamante grinder for the tool.



P12a: Many tools, carbide.



P14: Our 2 drilling machines, 1 Swiss brand.



P12b: Many insert turn tools.



P14a: Reibo drill machine from Switzerland Mk4.



P14c: Many tool for our students learn project for machine builder.



P14b: Our drill store.



P16: German flat grinder, brand Göckel with 100mm length 1000 mm.



*P17: Flat grinder "Hugi" Switzerland.
Max 100mm.*



*P20: Cutting machine Hänggi Switzerland
2mm(Max) x 2000mm.*



*P18: Round grinder FST Germany, center high 75 mm
length 300mm.*



P21: Our bending machine Asti 2000mm max 2mm.



P19: Round grinder "Studer", length center high 110.



P22: Backside our welding area.



P23: Our welding area. We have 4 welding machines. two Esap one Oerlikon and one No Name.



P25: Our old heavy workbench.



*P23a: Stress relief area room 1 b. One old system and one new system is in function, for till 20 Tons work peace.
In our place max. 1 ton possible.*



P26: Room 3a, material store with the bandsaw for 150mm size and 6 meter Length.



P24: Welding area, two system gas and two electrode welding up to Amp.



P27: Material Store.



P28: Room 4b, electro, pneumatic and hydraulic.



P31: This is our cleaning place, 1200 x 1200 mm. With water pump integrated. Our design. In room 5a, surface place.



P29: A lot of material is in the store.



P32: Some days and we are ready for to paint here.



P30: Many gears, engines and other material from Switzerland.



P33: Also a sandblasting machine we have in our Place.



P34: Room 5b it's the theories room and also the sketch room for our students.



P37: This is Room 3b, our office.



P35: Sketch Room.



P36: Also the training place for our students for to training CNC programming with a Sinumerik 810T and a Fanuc 18.

Constructed: H.P Widmer 15.1.2011