

# 2018 SCADA Control Team

(The second meeting)

**IMPORTANT:** The Team's work is IN PROGRESS. This is simply a report to reflect the Team's activities on this particular meeting day. The Team's proposals may change before end of the process.

**1. Meeting Date and Time:** Thursday September 12, 2018 12:30p.m

**2. Meeting Location:** G10 in BEL

**3. Meeting numbers:**

Dr. Brian Johnson(client)

Hussain Beled(TA)

Kevin King(team number)

Hui Ma(team number)

Xiang Chen(team number)

Ziang Xu(team number)

**4.Meeting Participants:**

Dr. Brian Johnson(client)

Hussain Beled(TA)

Kevin King(team number)

Hui Ma(team number)

Xiang Chen(team member)

Ziang Xu(team number)

**5. Main topics discussed by Team today:**

-Get familiar with the equipment

-Update the budget

## 6. Additional questions and information

The steps of turn on/off the whole system:

- Make sure all breakers are off before getting the power (Circuit Breaker Control in green means turn off)
- Make sure the circuit is right and everything is in good condition.
- Get keys of two boxes, then unlock.
- Pull up the following three switches in red circles.



- Turn the power system on (Push the DC voltage switch to right and pull up four power system switches)
- Use the lights to test if there is something wrong in the circuit.
- Use the "Speed" and "Voltage" buttons to control "Cycles" and "Synchroscope" (Following pictures in red circles)



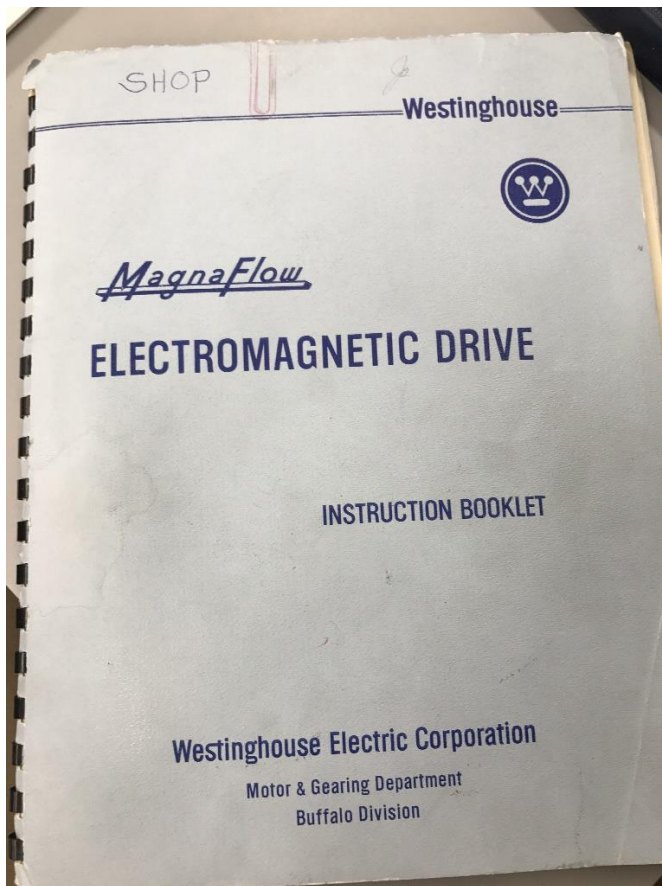
- Turn all the breakers off (In red light)
- Turn off four power switches first
- After the motor stop, then push the DC voltage switch to left and pull down the switches of boxes in following picture. At last, lock the boxes.



**The control of impedences.**



**My client and teammates are learning the basic knowledge of the whole system seriously.**



**The book "Electromagnetic Drive" is an instruction book for us to know some information of Motor and Gearing Department.**

**Next meeting would be held in G10 of Buchanan Engineering Lab on September 27, 2018 12:30pm.**