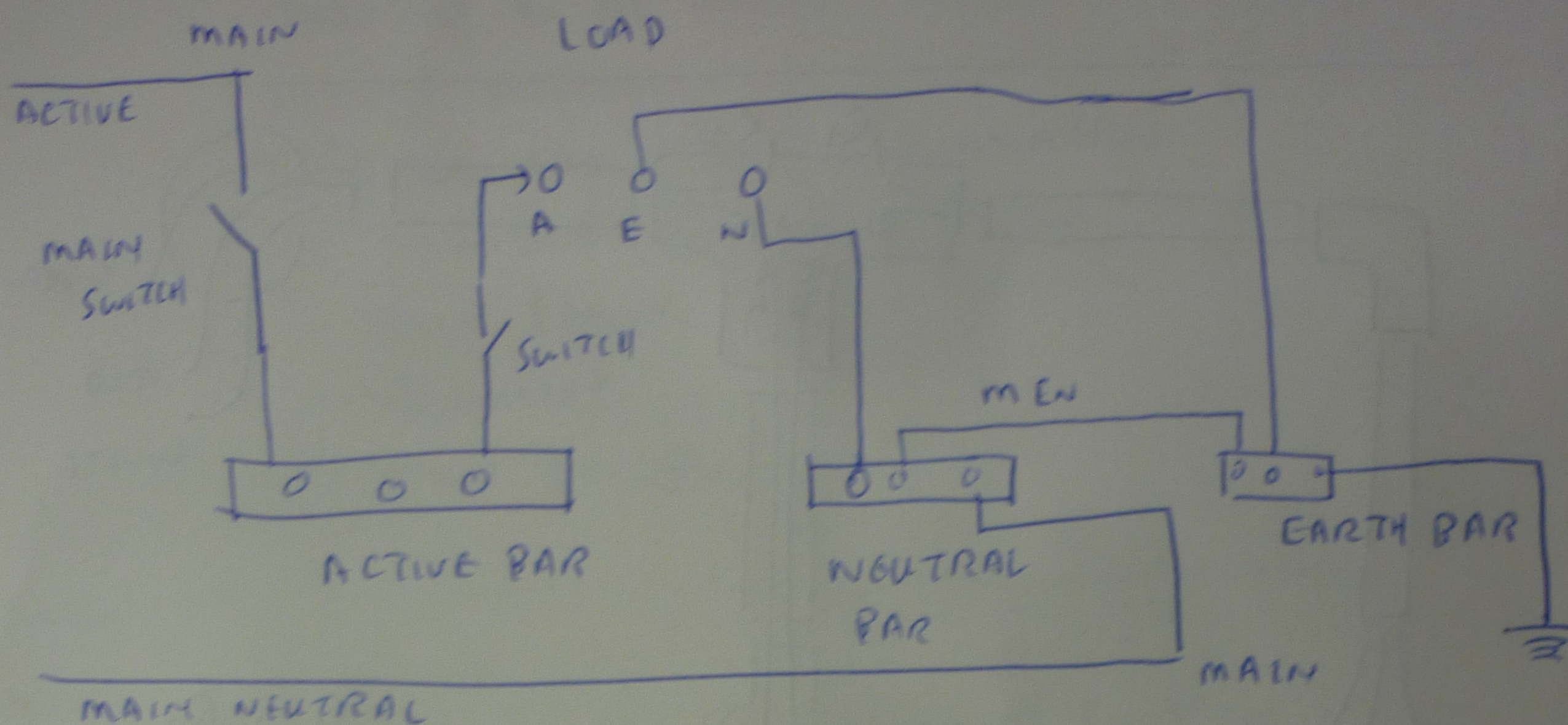


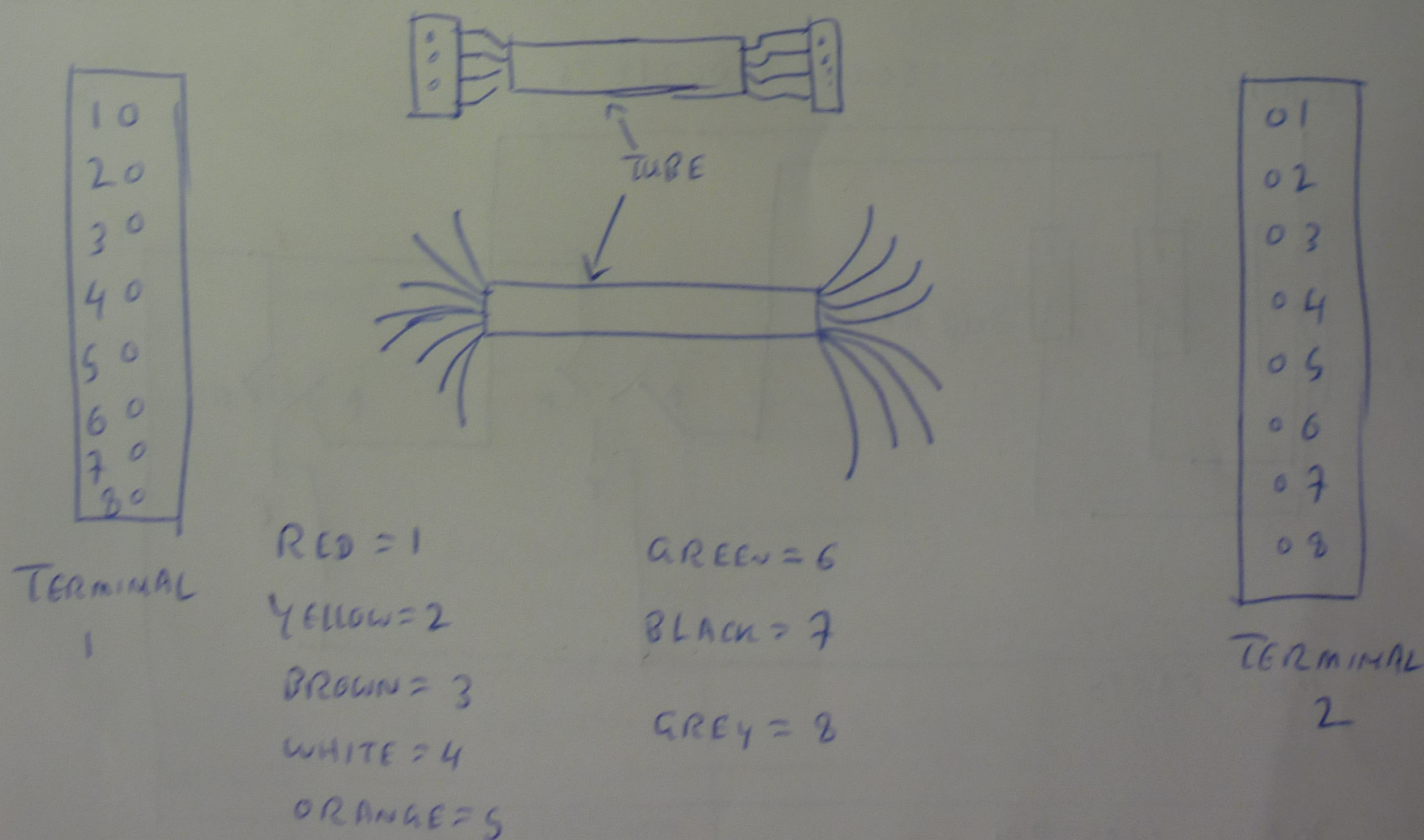
PRACTICAL (1)

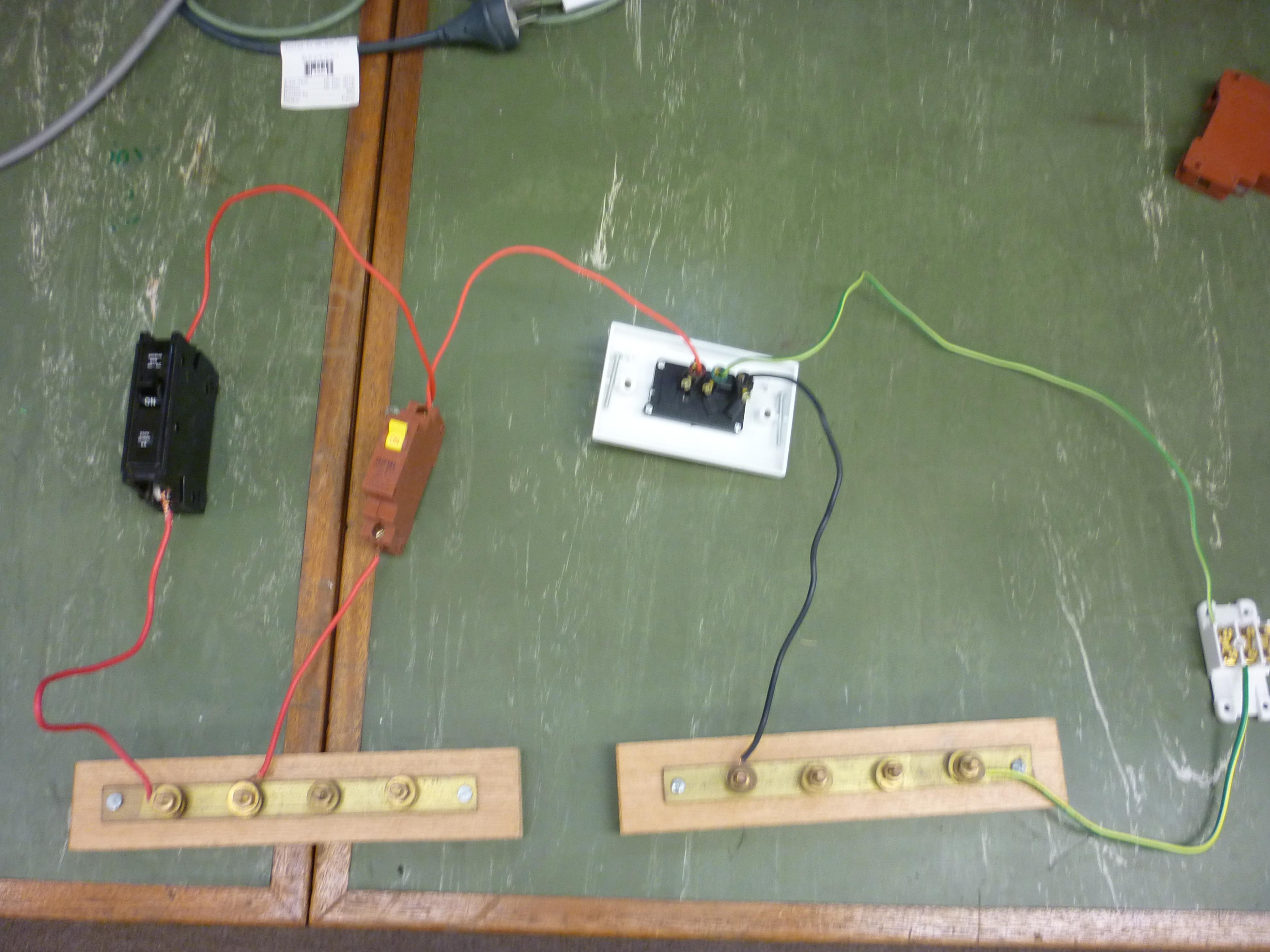
WIRING SYSTEM + MAIN SUPPLY MODEL



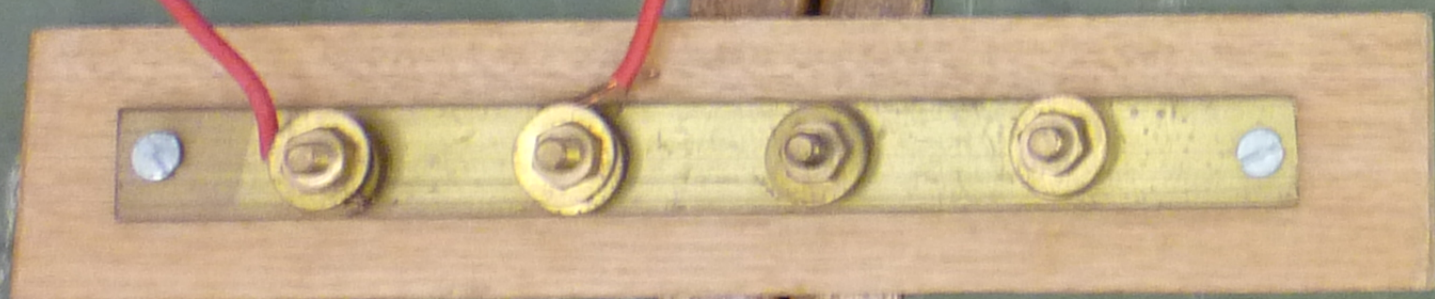
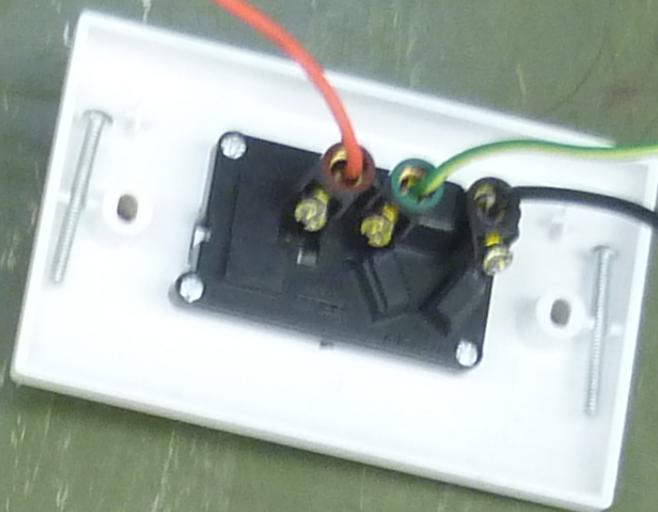
PRACTICAL (2)

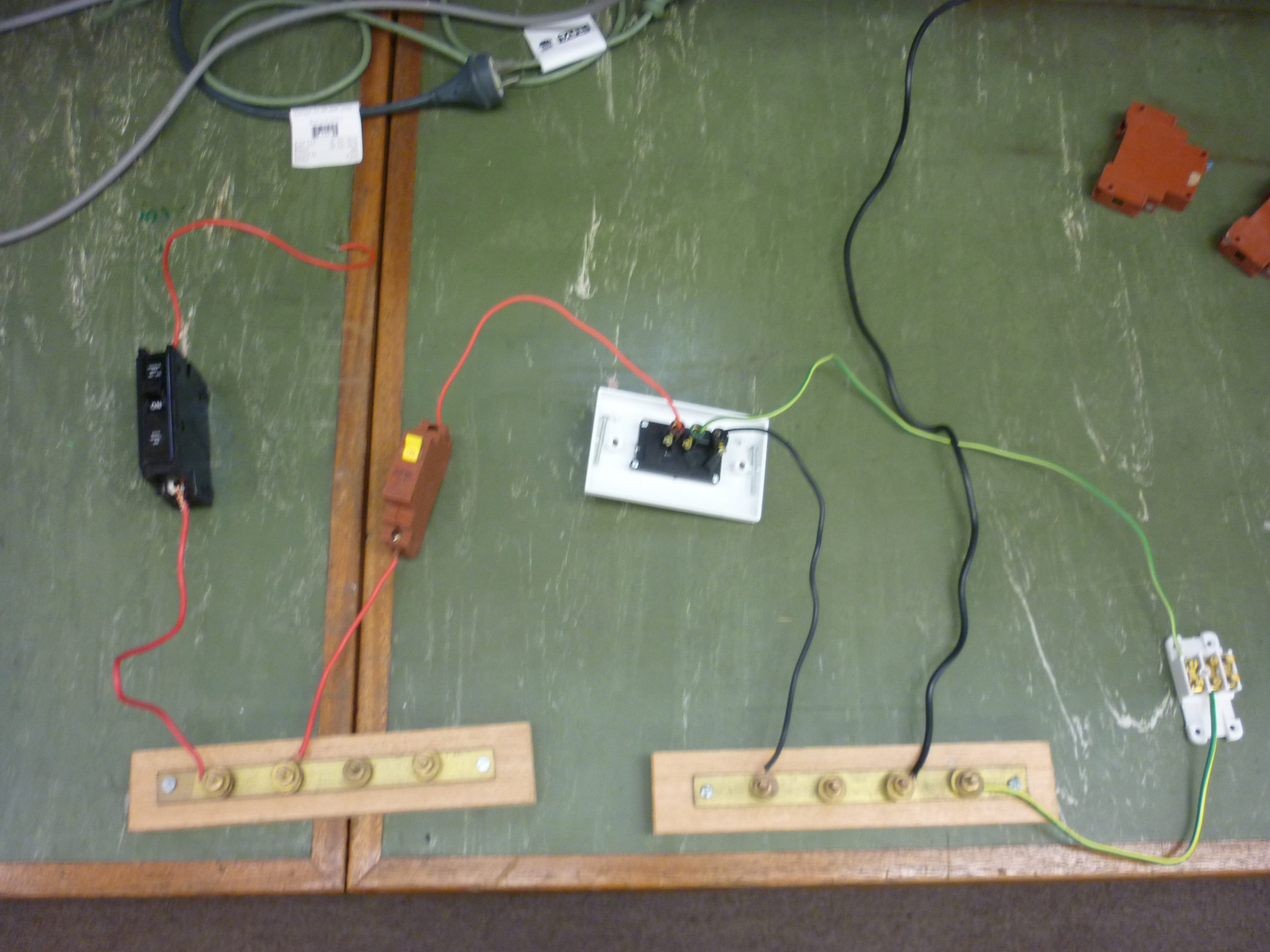
CONTROL WIRING PRACTICE

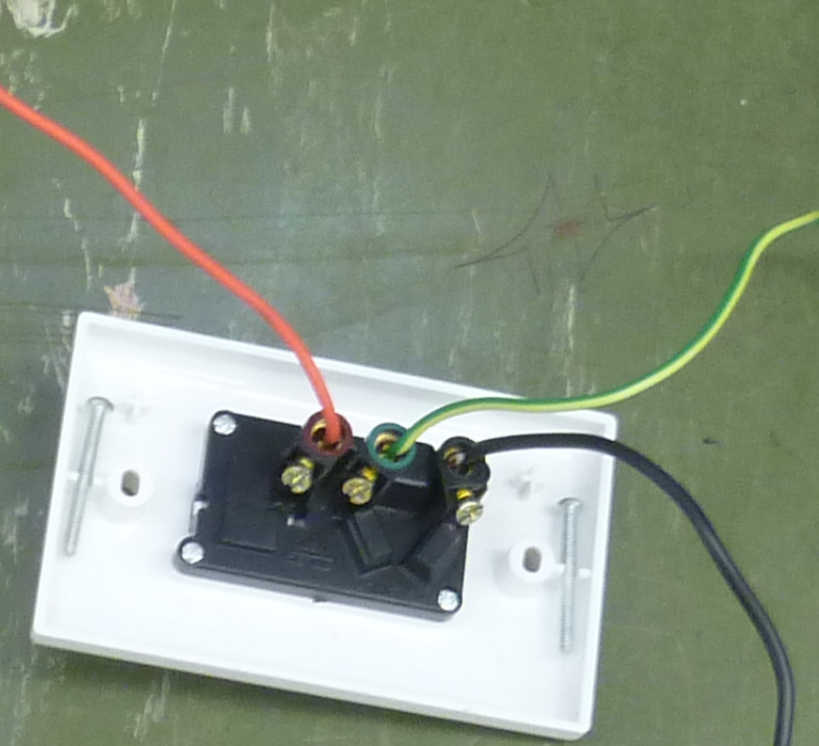
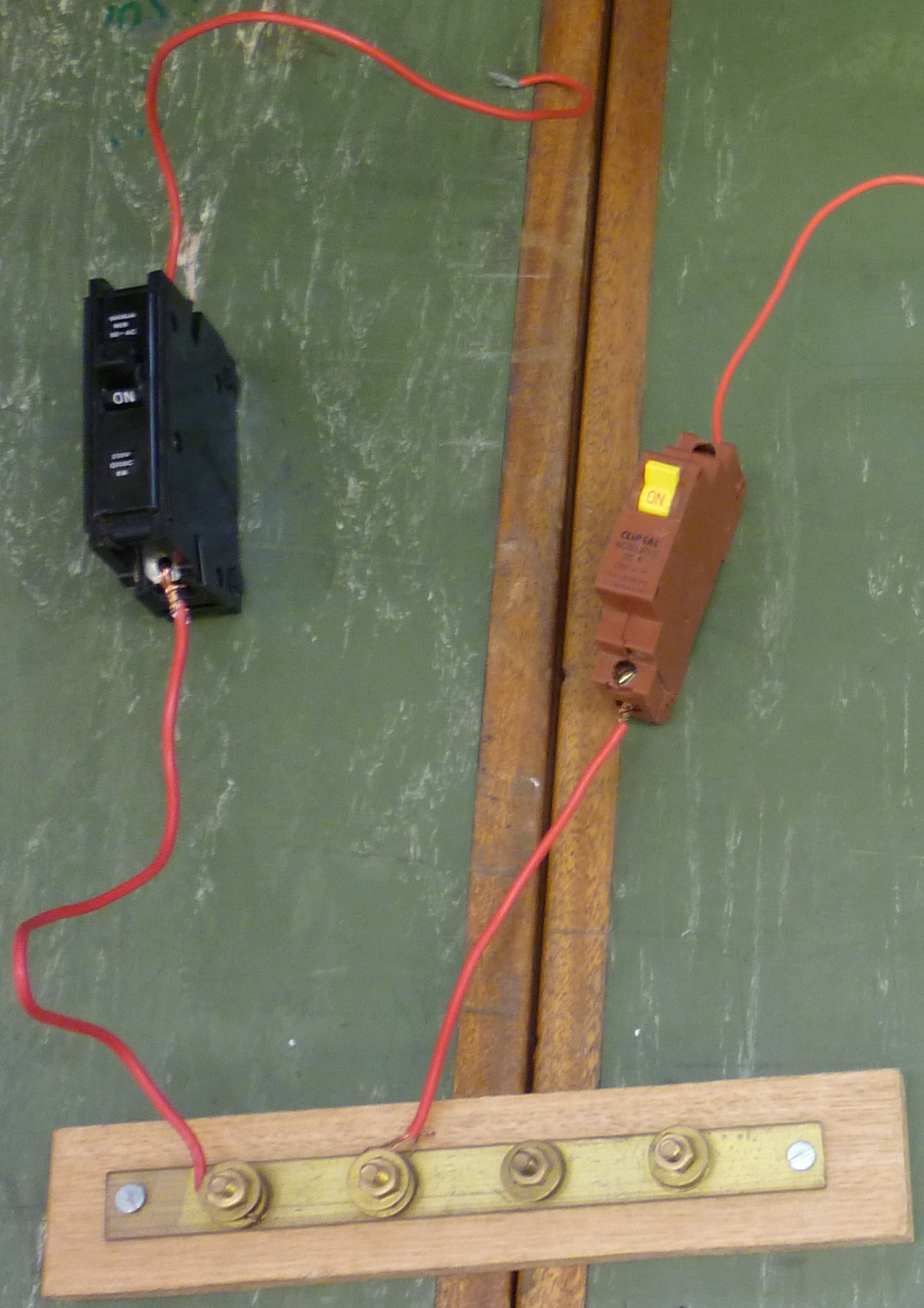
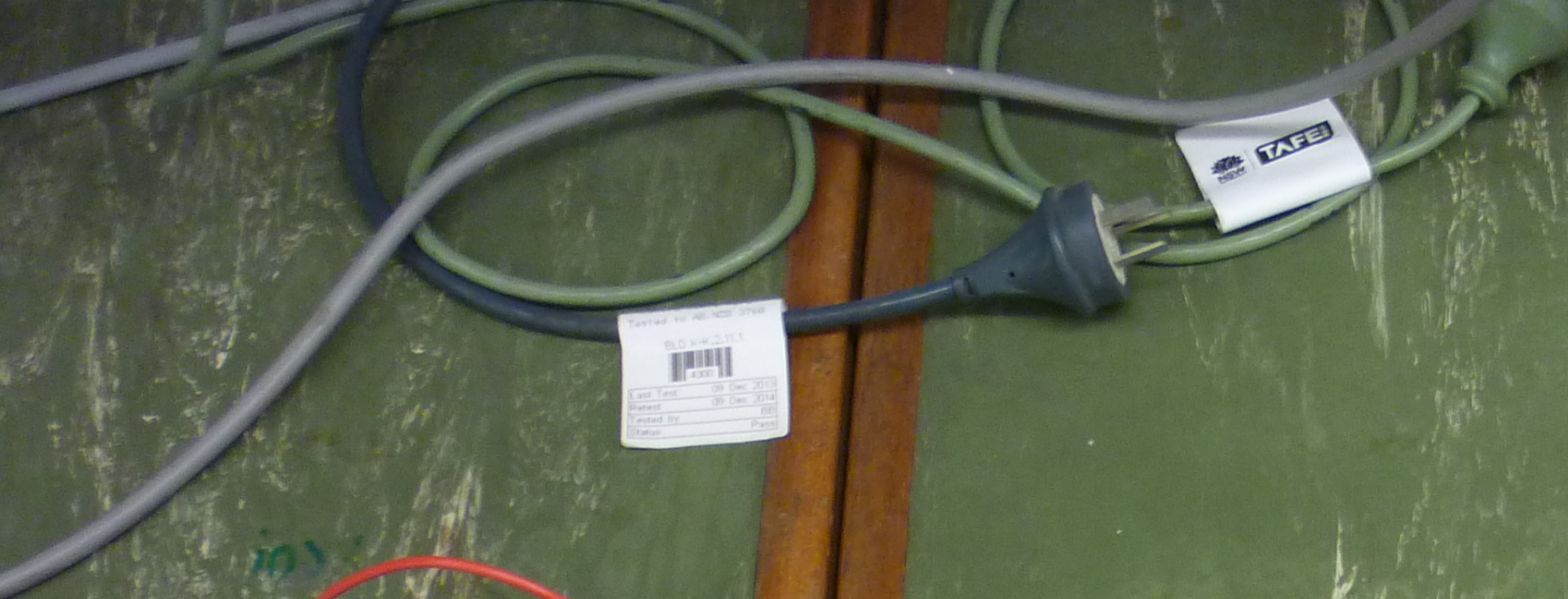




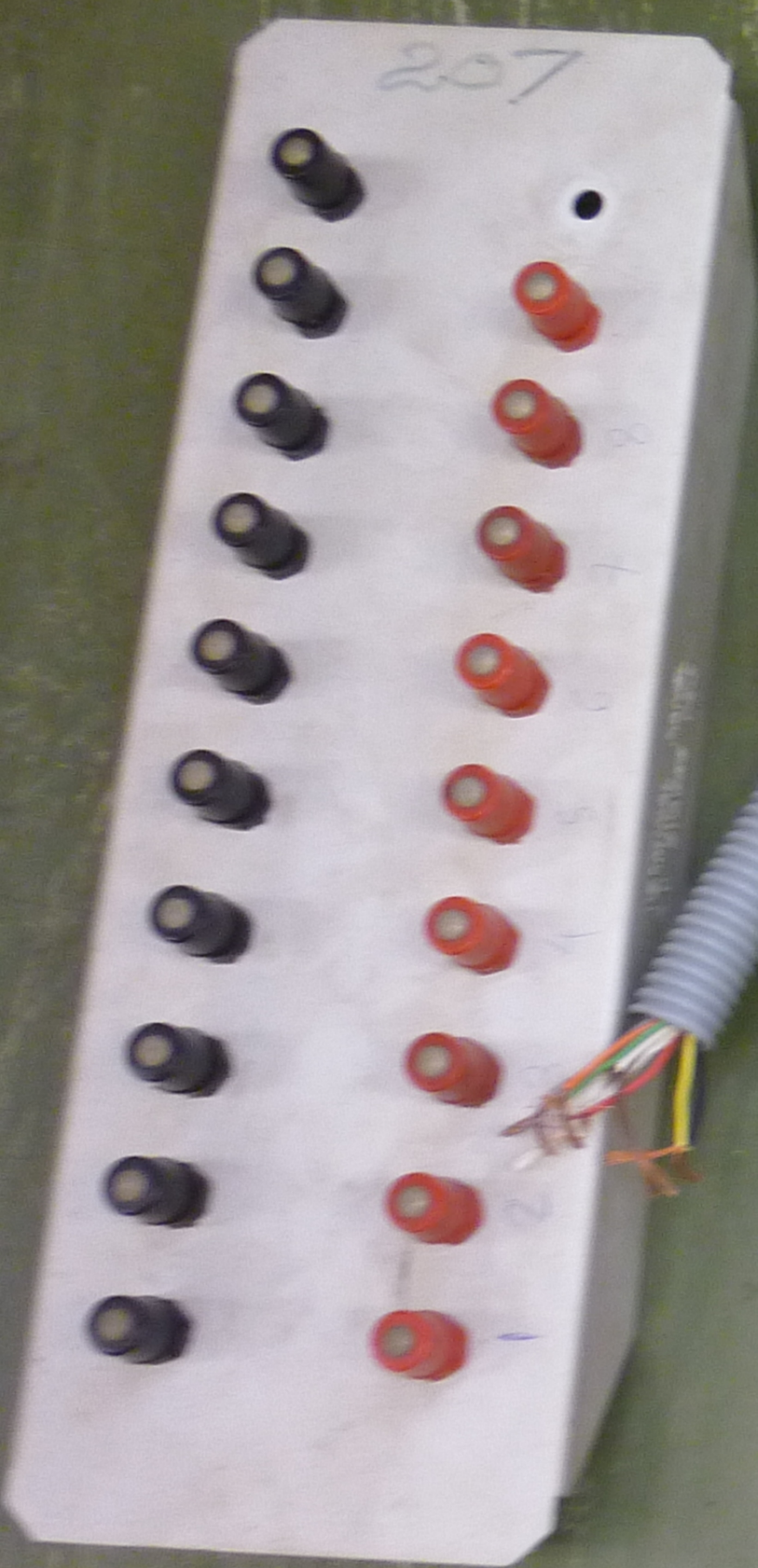
Unit Test 100 Dec 2013
Re-test 100 Dec 2014
Tested by BB
Status Pass



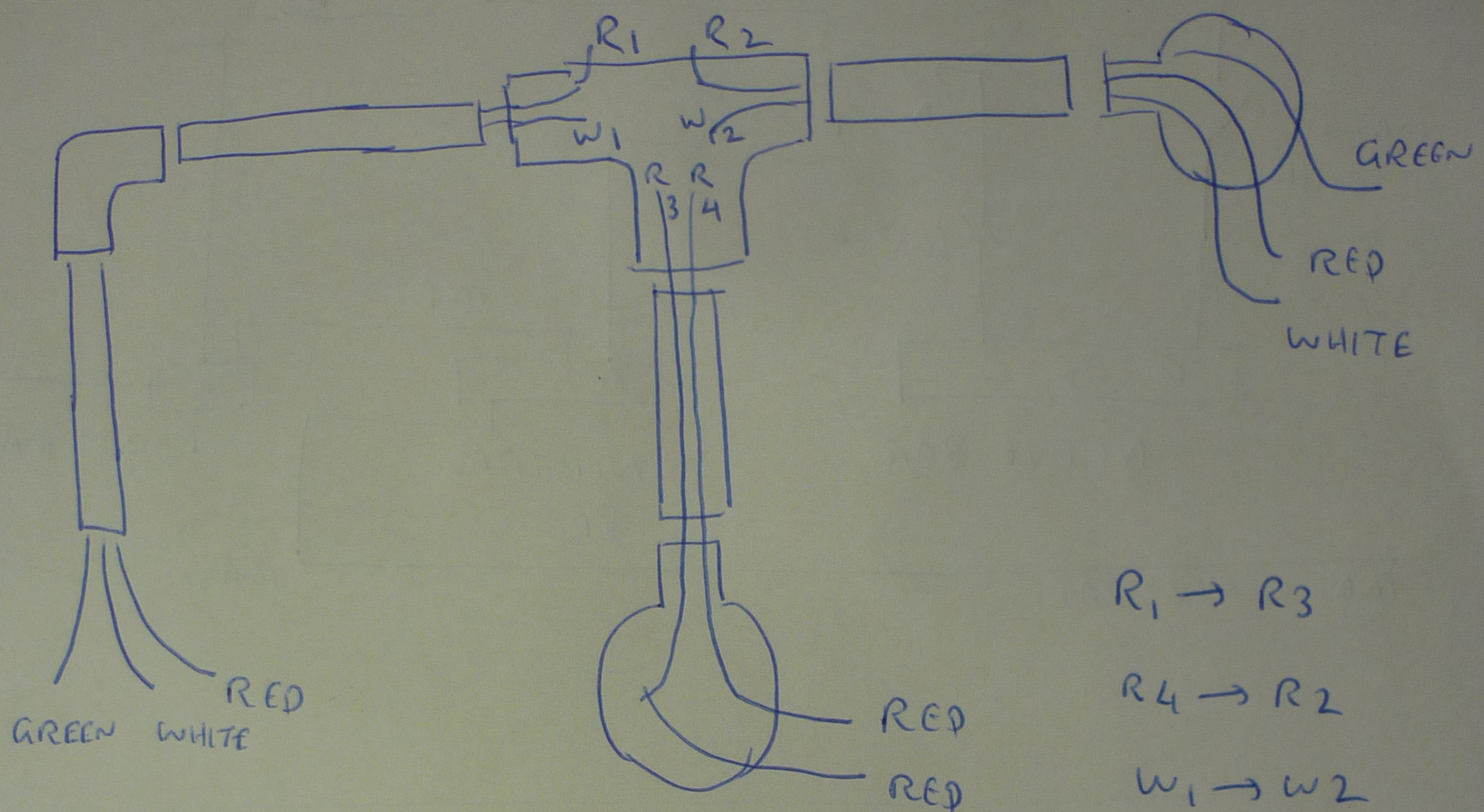




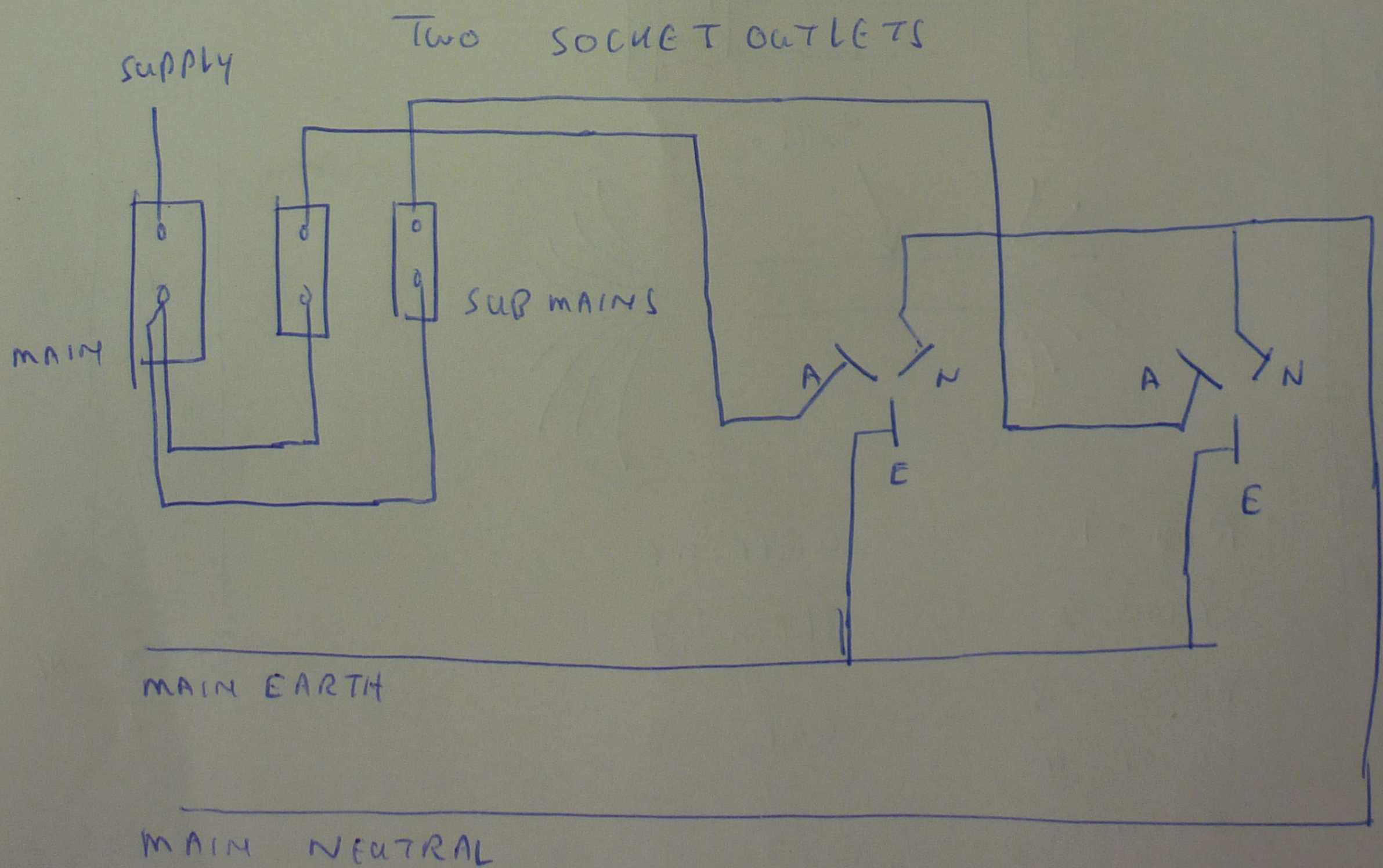
430
Last Test 09 Dec 2013
Retest 09 Dec 2014
Tested By [signature]
Status Pass



PRACTICAL (3) ONE SWITCH CONTROL ONE LIGHT IN CONDUIT WIRING



PRACTICAL (4) MAIN SWITCH + TWO SWITCHES CONTROLLING

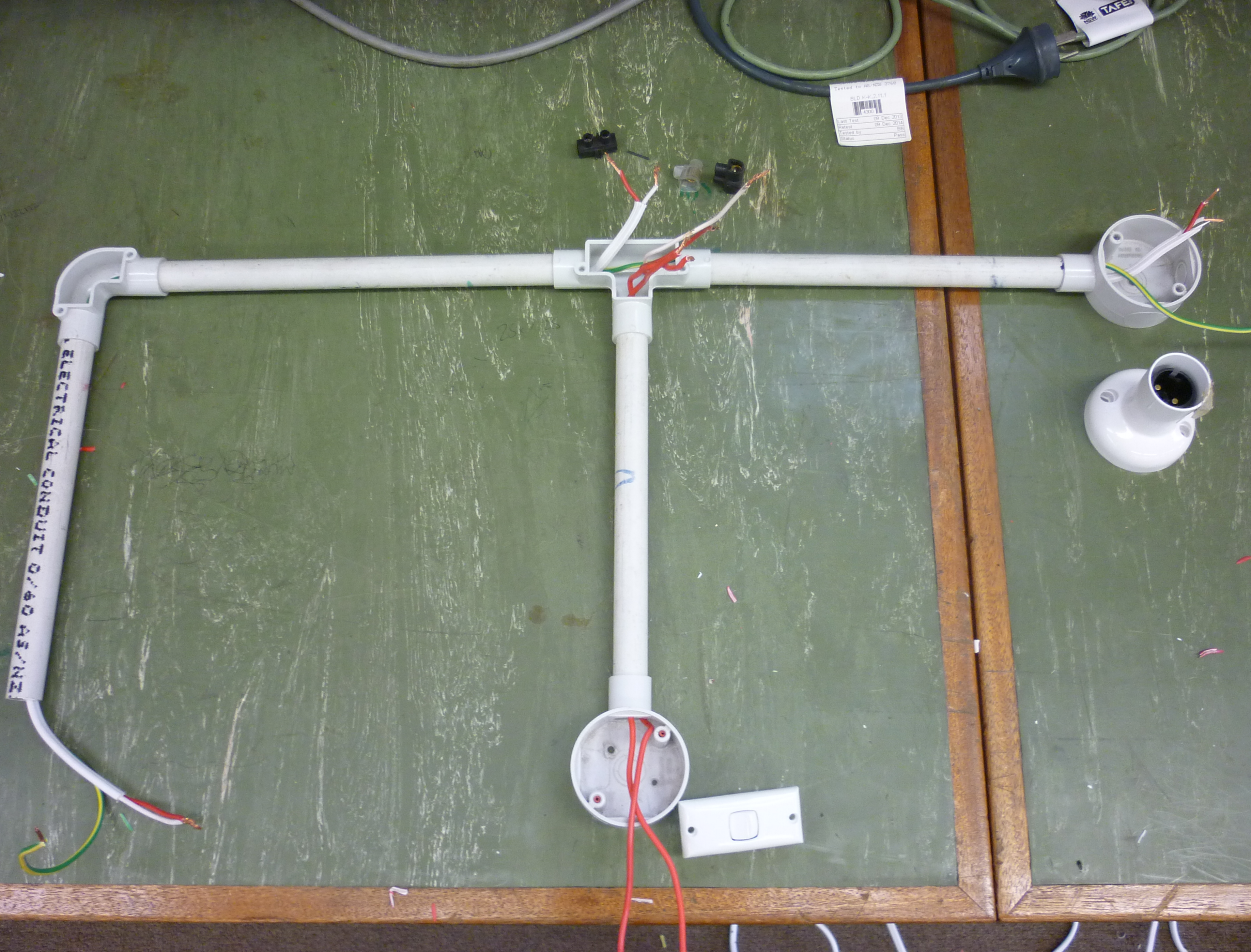




ELECTRICAL CONDUIT 0/60 45/NZ

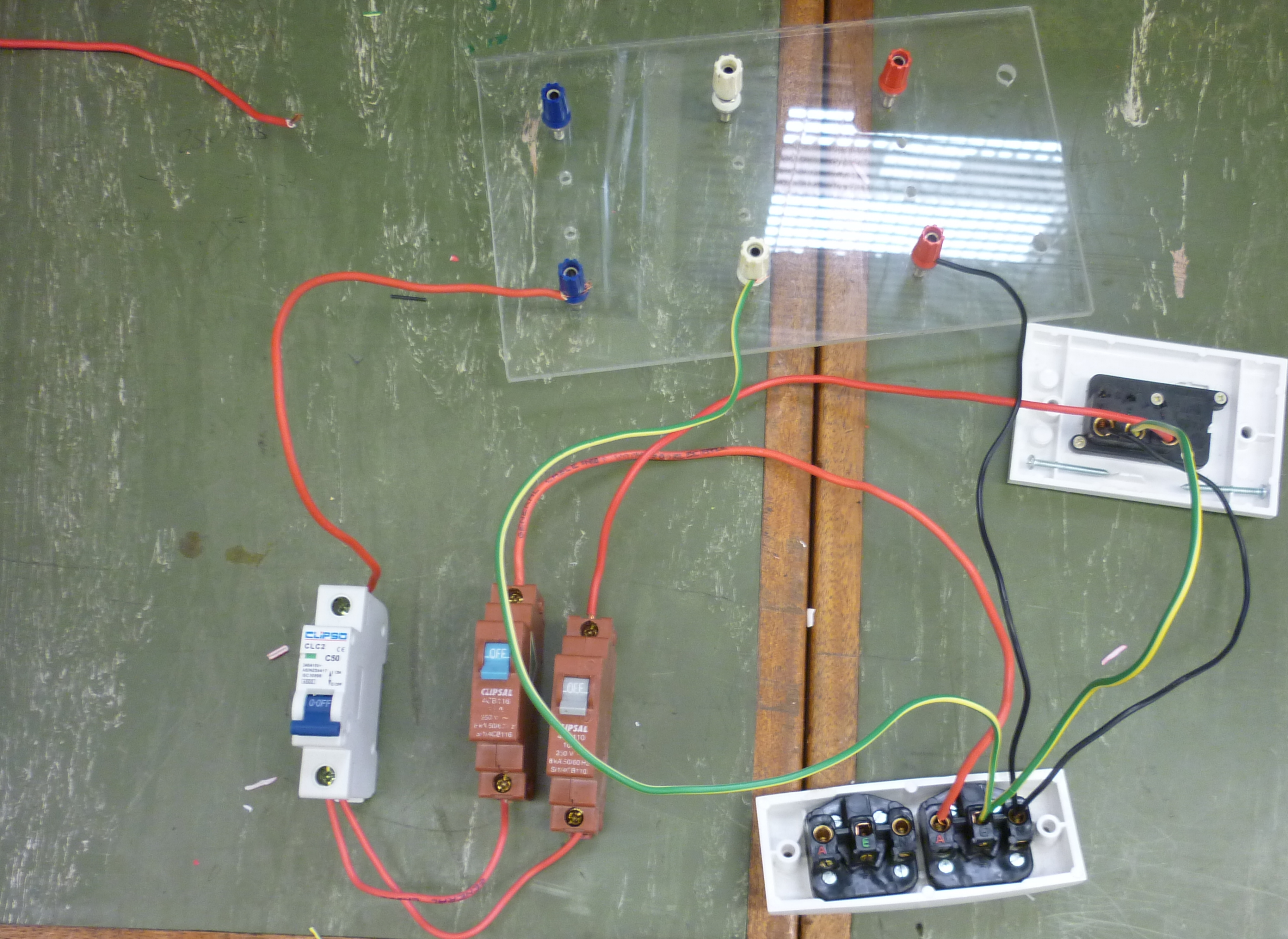
Tested to BS-7536 1998
B.P. 2-11-1
Last Test 01 Oct 2013
Passed 01 Oct 2014
Tested By BE
Status Pass

TAFE
100%

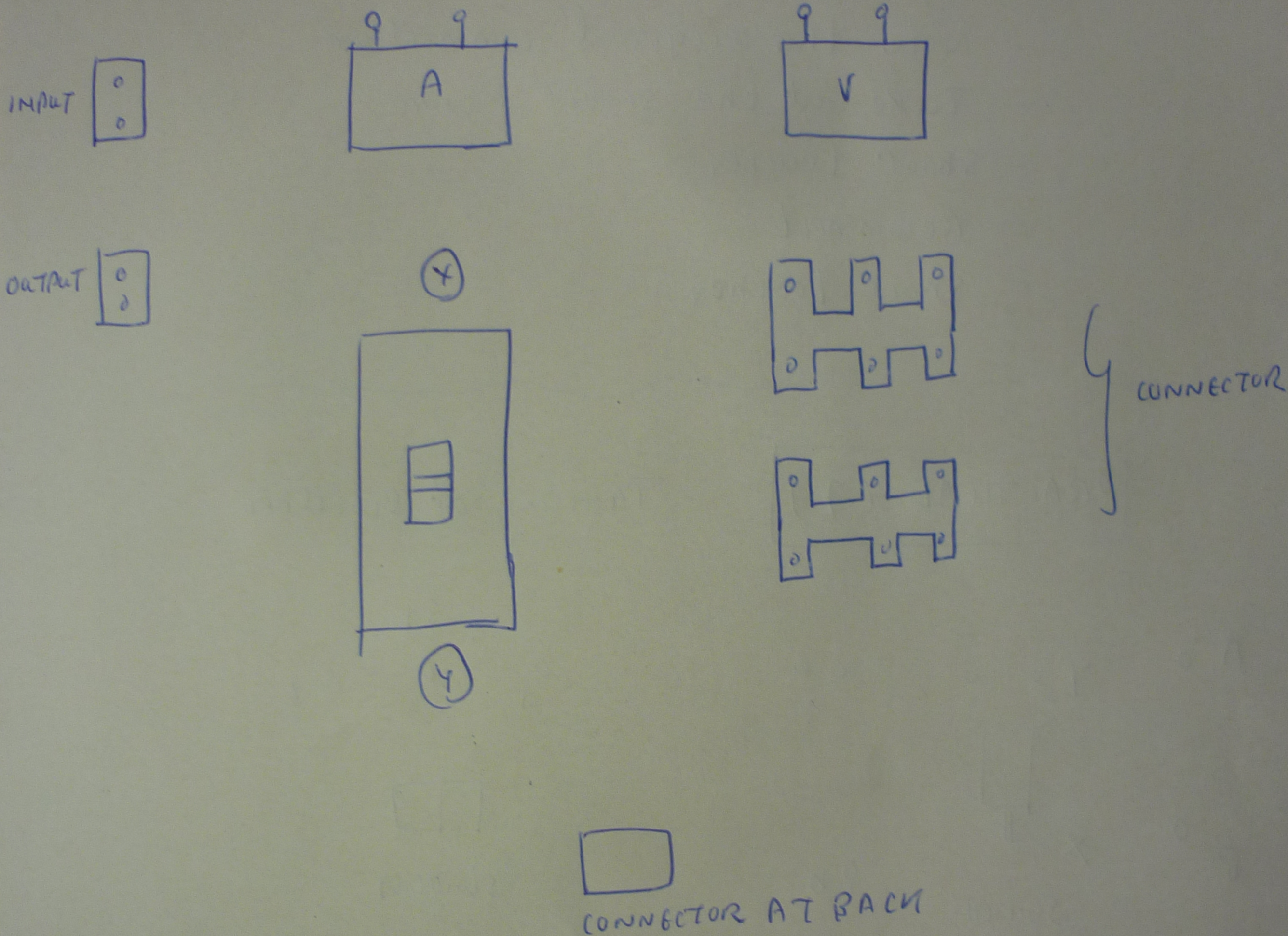


Tested to AS/NZS 3768
BLD K-F-2.11.1
4300
Last Test 09 Dec 2013
Retest 09 Dec 2014
Tested by BSE
Status Pass

ELECTRICAL CONDUIT 0.6045/M



PRACTICAL (5)

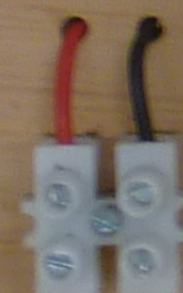


SEE THE GIVEN CIRCUIT BOARD AND
COMPLETE THIS CIRCUIT

ELECTRICAL ENGINEERING



INPUT

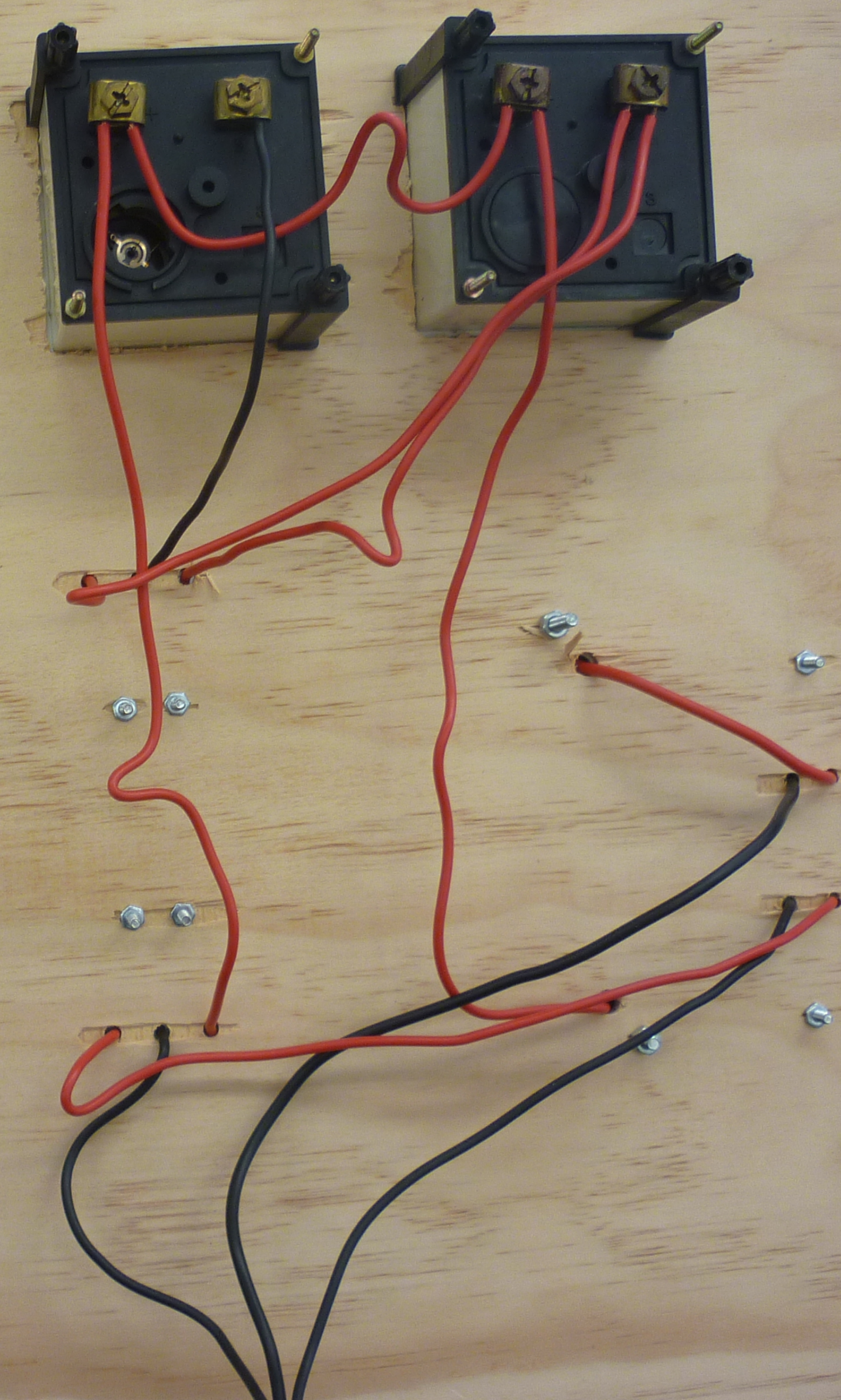


OUTPUT

SWITCH



PLEASE DO NOT
REMOVE
WITHOUT
NOTIFYING
JOE



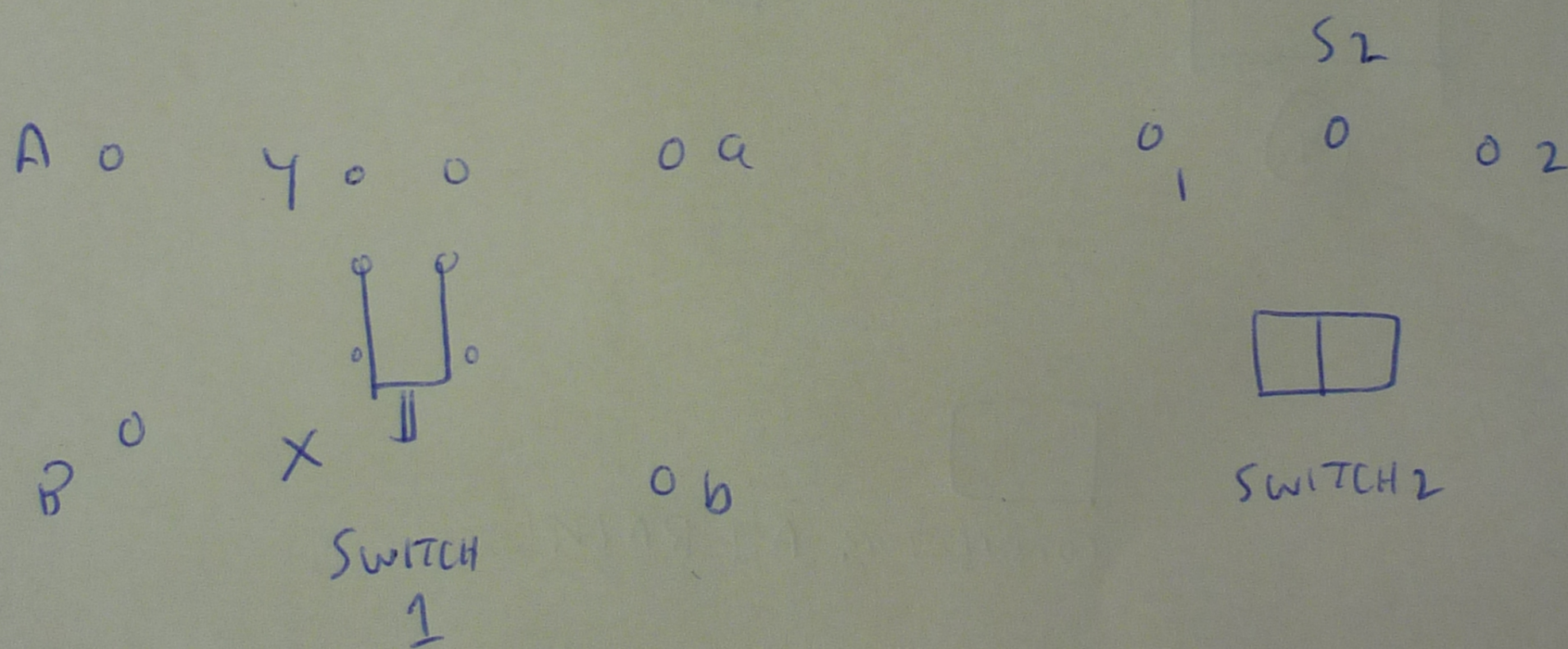
PRACTICAL (6)

Take out & Re connect terminals of given wiring assembly

- Note the original connection
- Take out the screw / wire
- Show teacher
- Reconnect
- Show teacher

PRACTICAL (7)

Tracing of Switches



X
DISCONNECT

CONNECT ✓

CONNECTION BETWEEN

SWITCH (1)

X POSITION	A - a	B - b
Y POSITION		

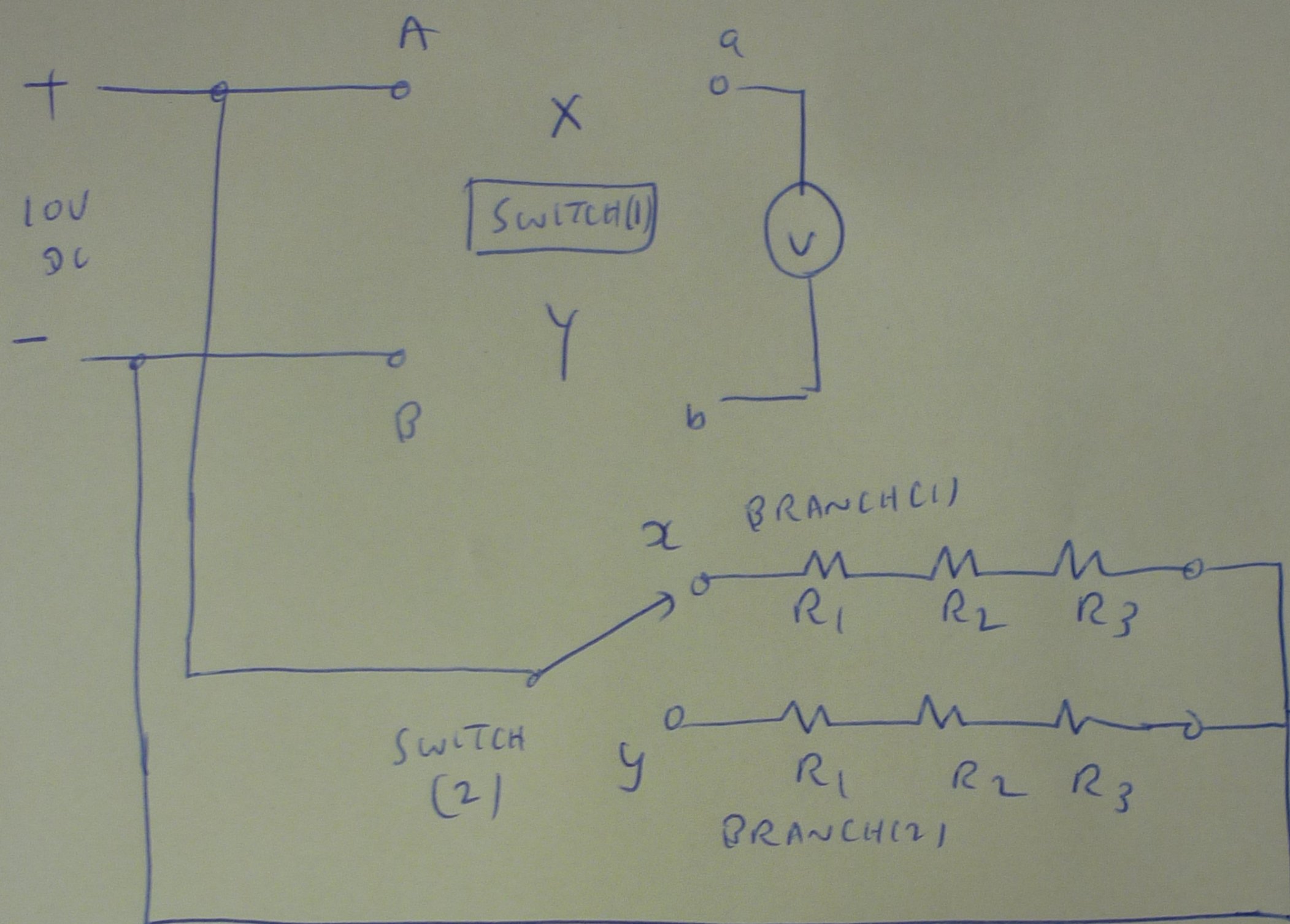
CONNECTION BETWEEN

SWITCH 2

X POSITION	S ₂ - 1	S ₂ - 2
Y POSITION		

CONNECT THE GIVEN CIRCUIT

PRACTICAL (7)



SWITCH (1)

Position X

$V(ab) =$

Position Y

$V(ab) =$

SWITCH (2)

Position X

Branch (1)

voltage across
 $R_1 \quad R_2 \quad R_3$

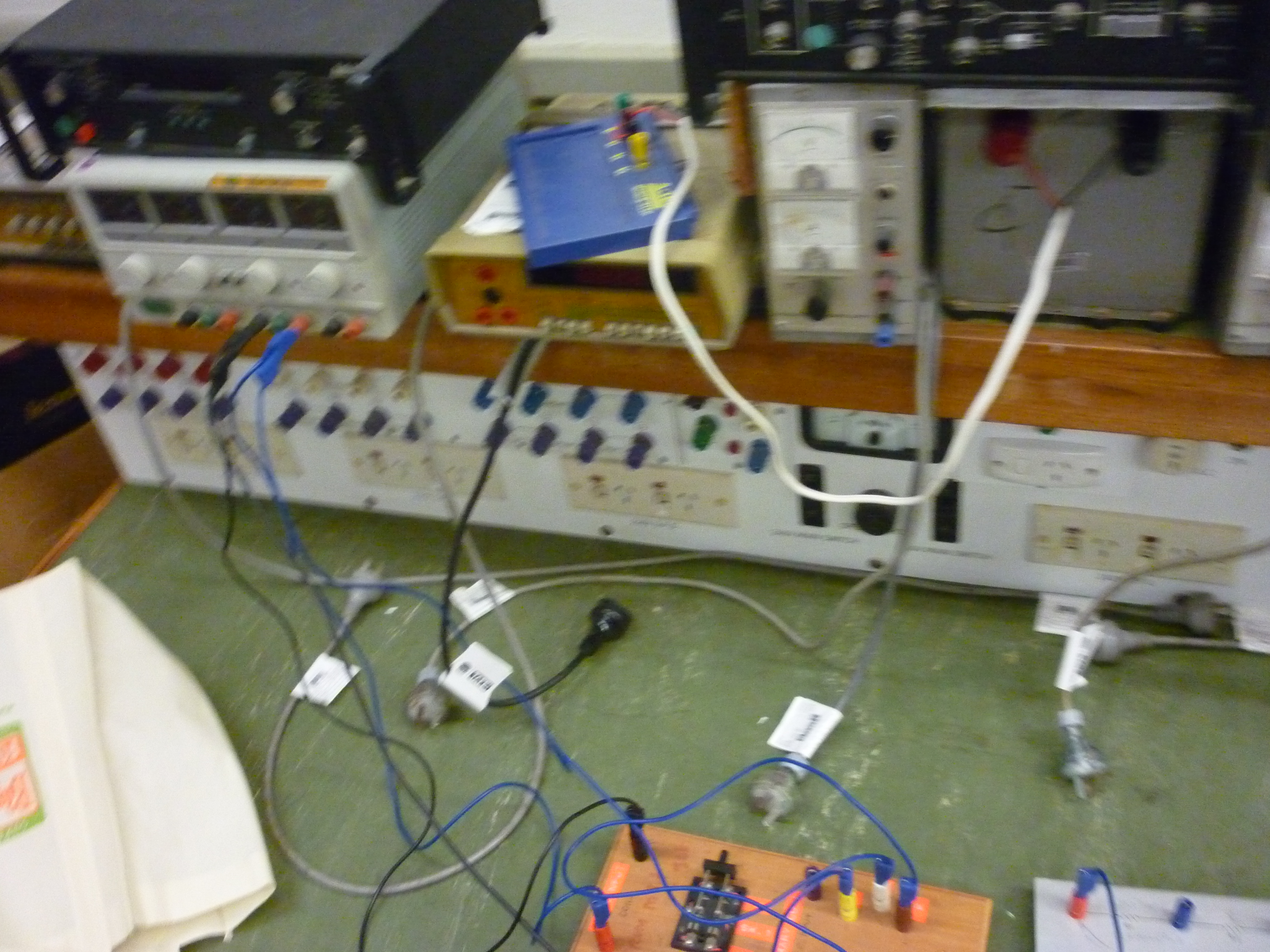
Branch (2)

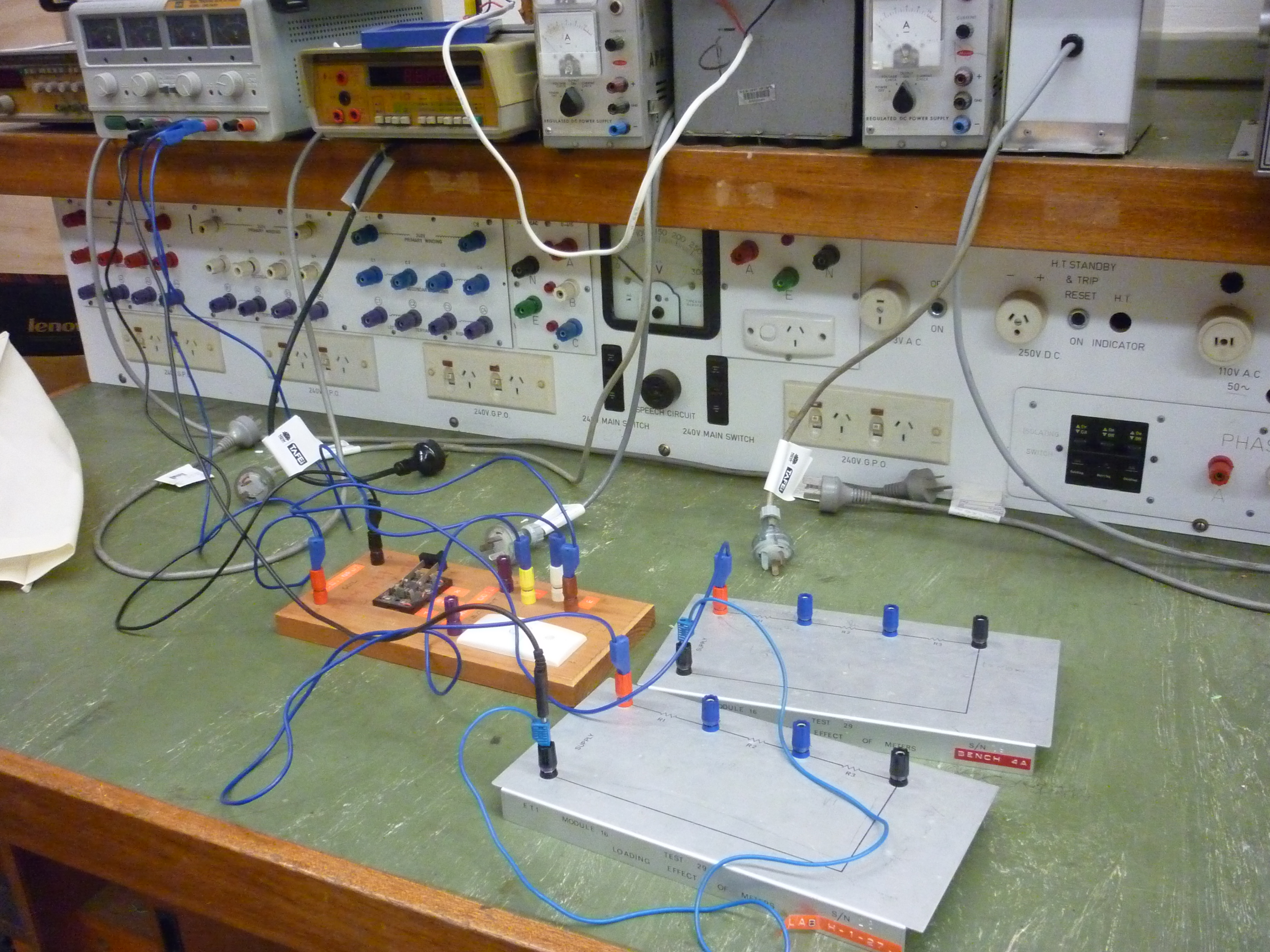
$R_1 \quad R_2 \quad R_3$

Position Y

Branch (1)

Branch (2)





PRACTICAL (8)

RESISTOR COLOUR CODING