

APPENDIX-B

PHOTO GALLERY

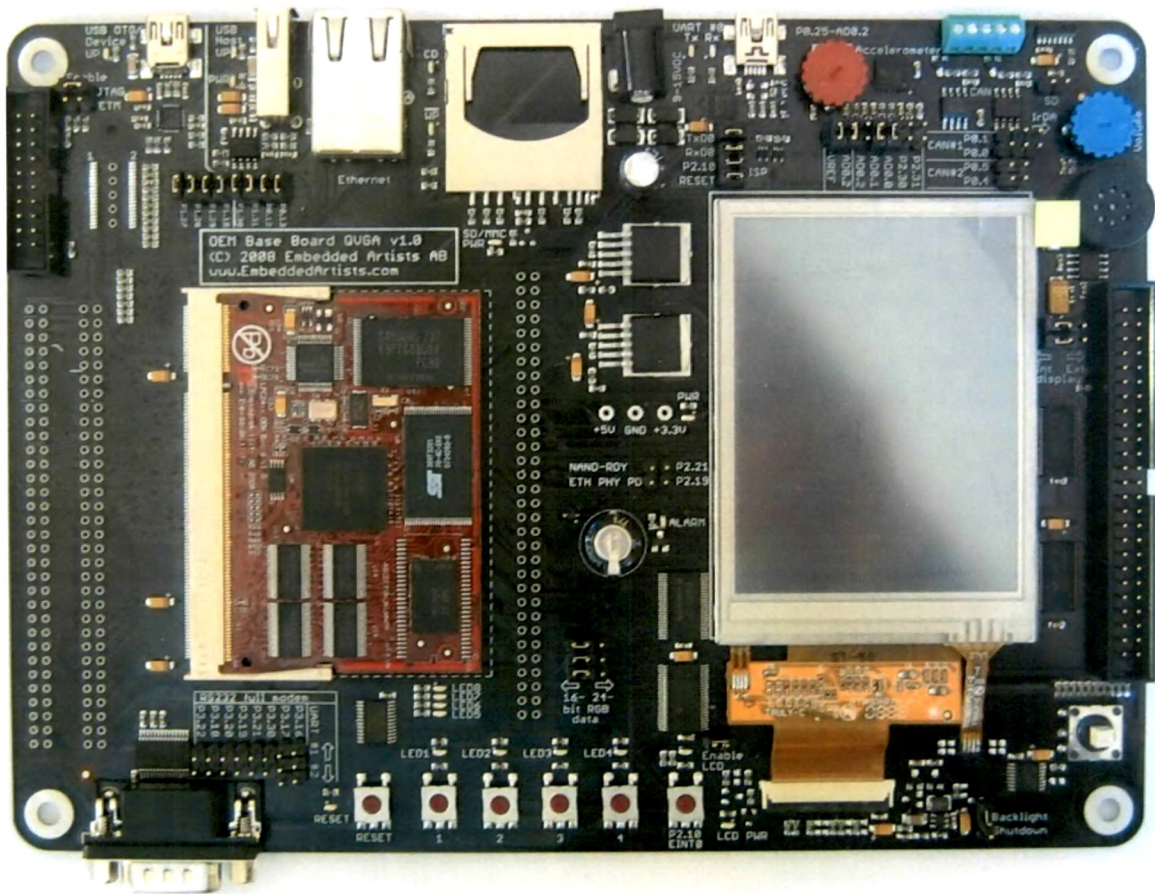


Figure B-1 LPC2478 OEM Board



Figure B-2 Thermocouple Mounting

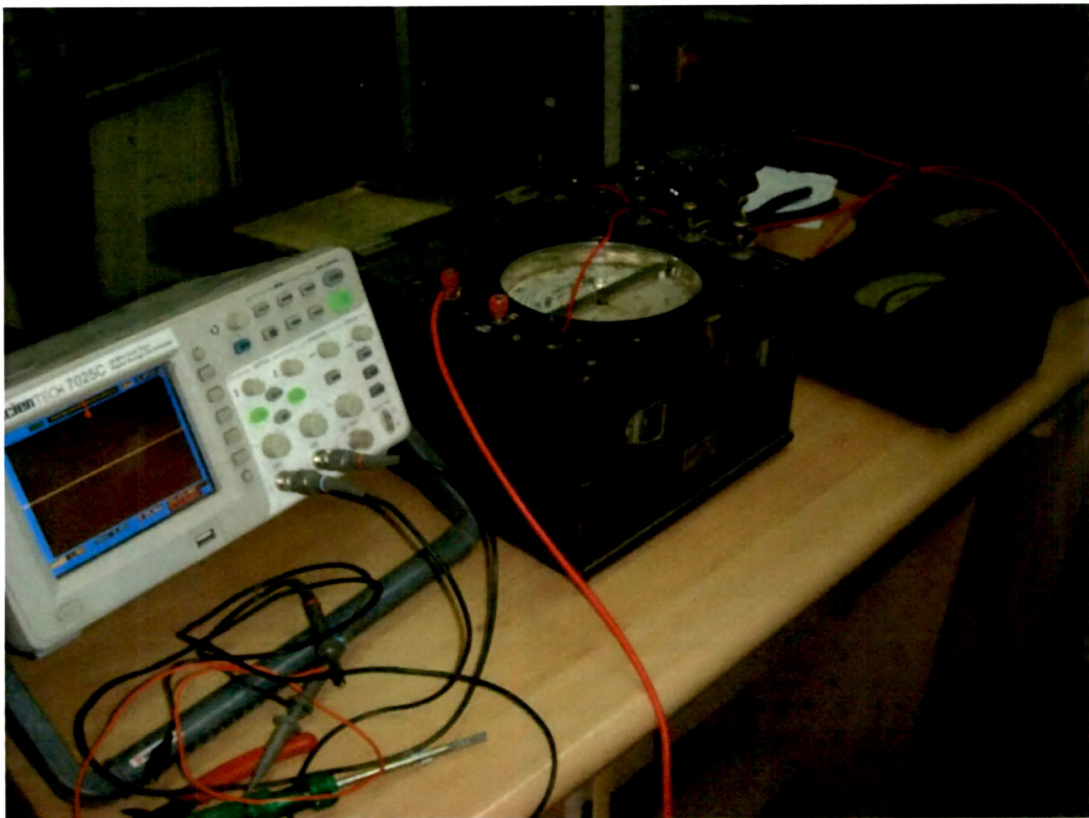


Figure B-3 Meters & DSO



Figure B-4 LCD display of Mirco-controller Board (POWER-OFF)



Figure B-5 LCD display of Mirco-controller Board (POWER-ON)

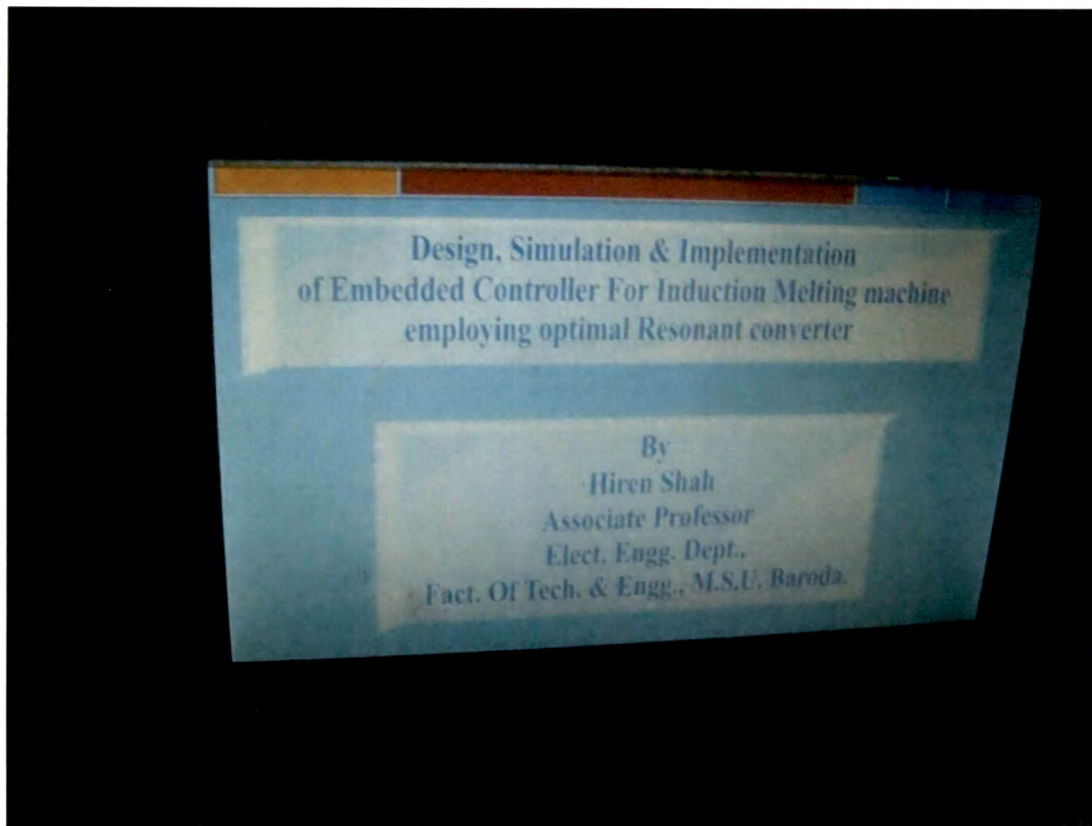


Figure B-6 Title Screen of Embedded Controller

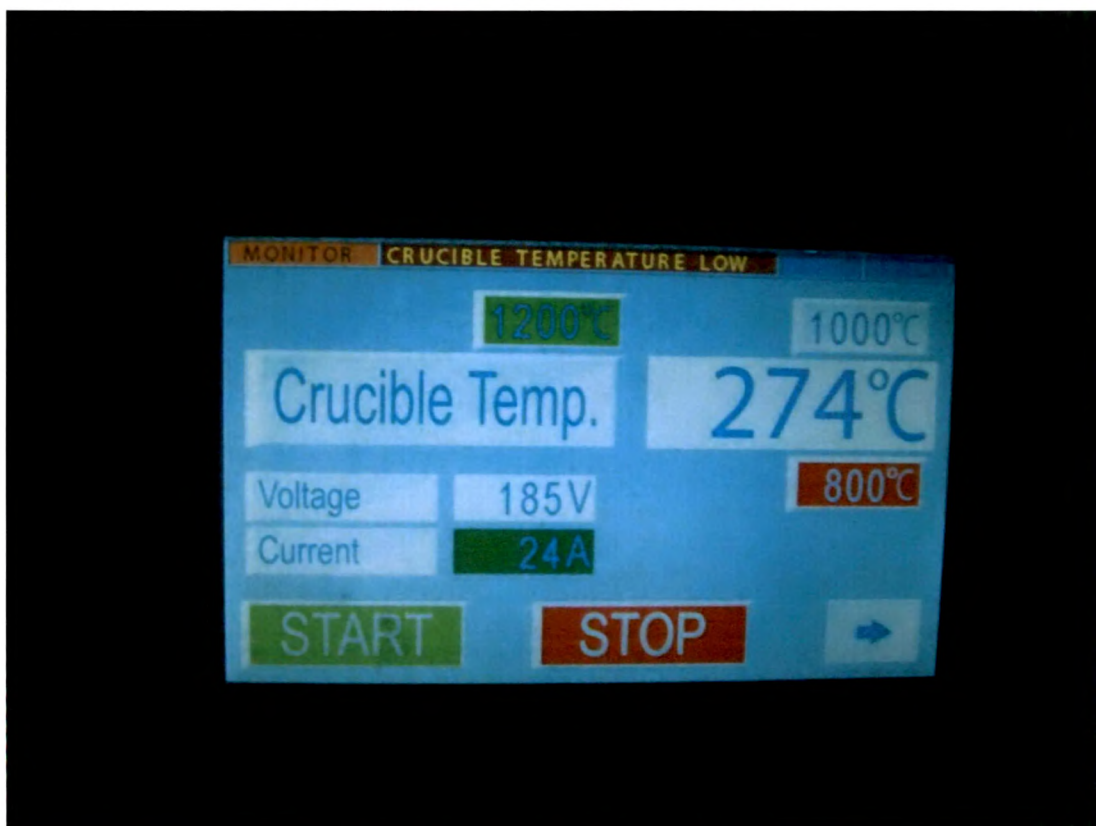


Figure B-7 Monitor Screen of Embedded Controller

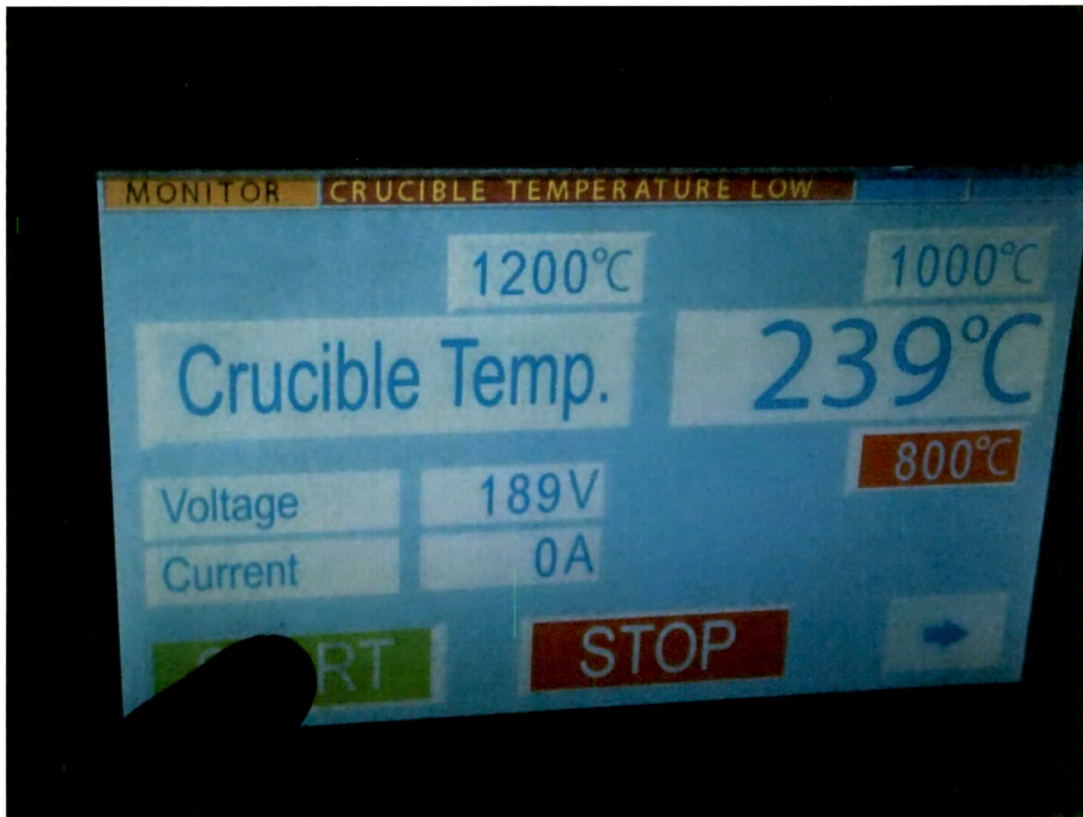


Figure B-8 Screen of Embedded Controller showing START of Melter Power

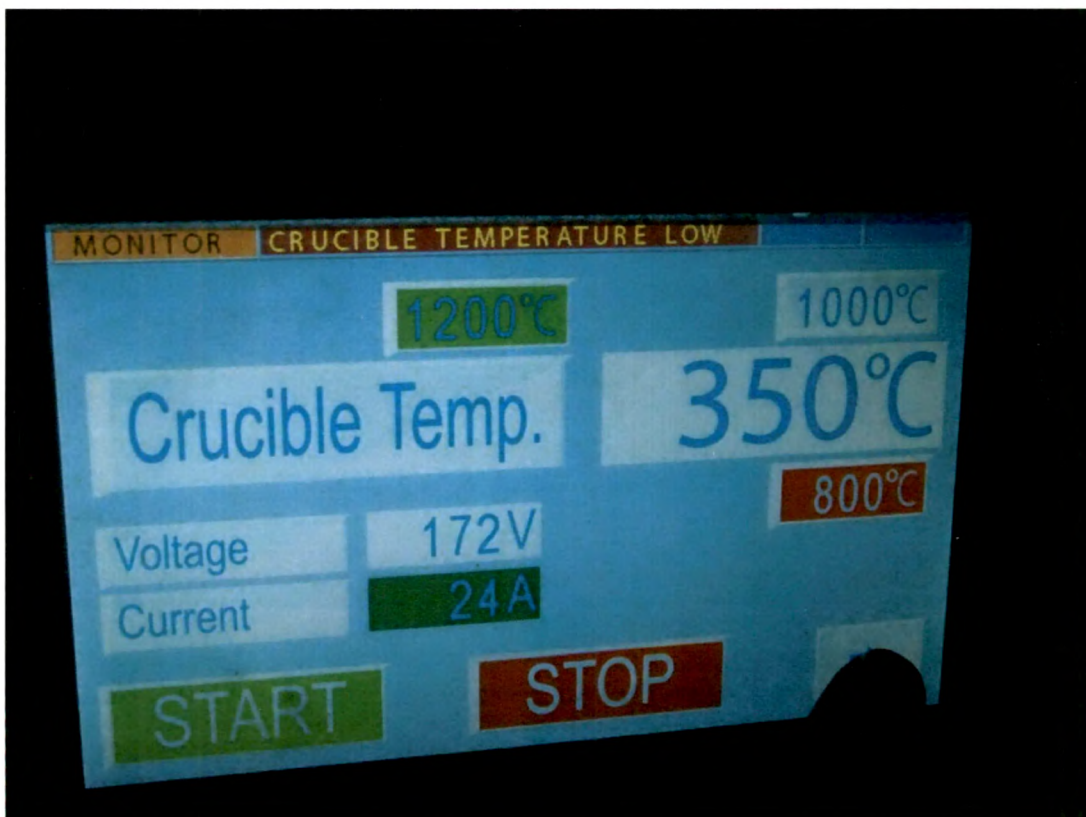


Figure B-9 Screen of Embedded Controller for going into Parameter Menu

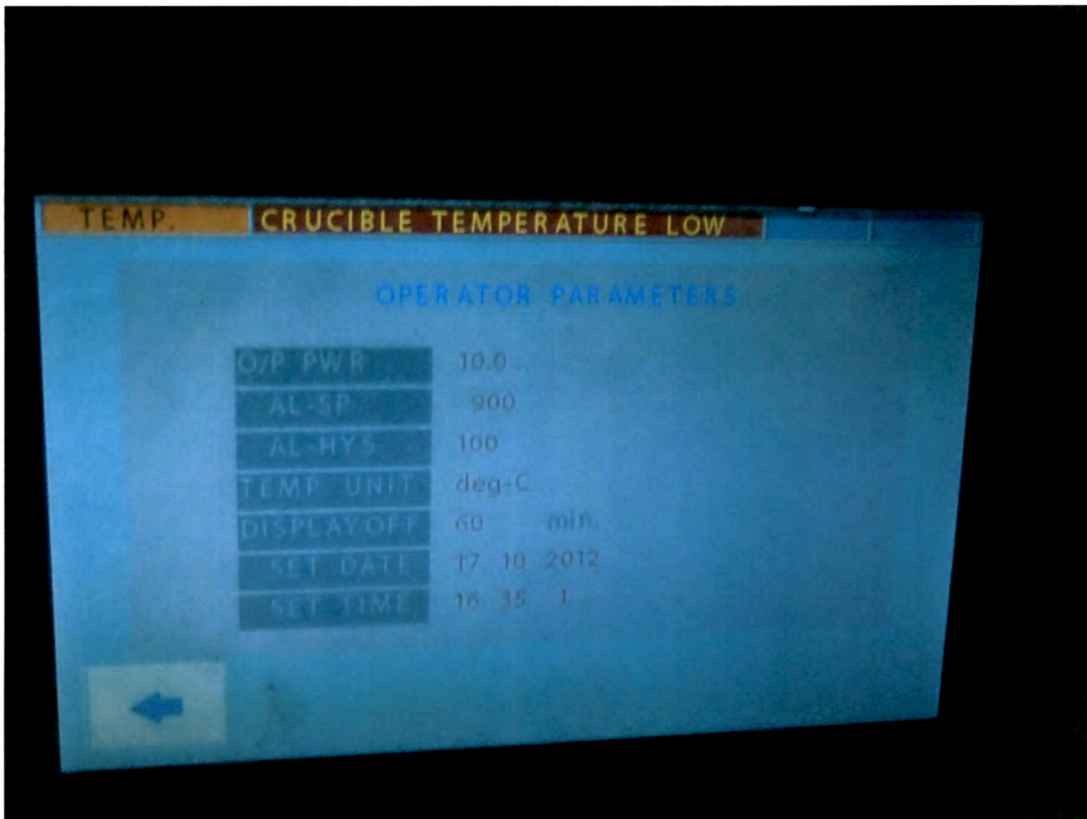


Figure B-10 Parameter Screen of Embedded Controller

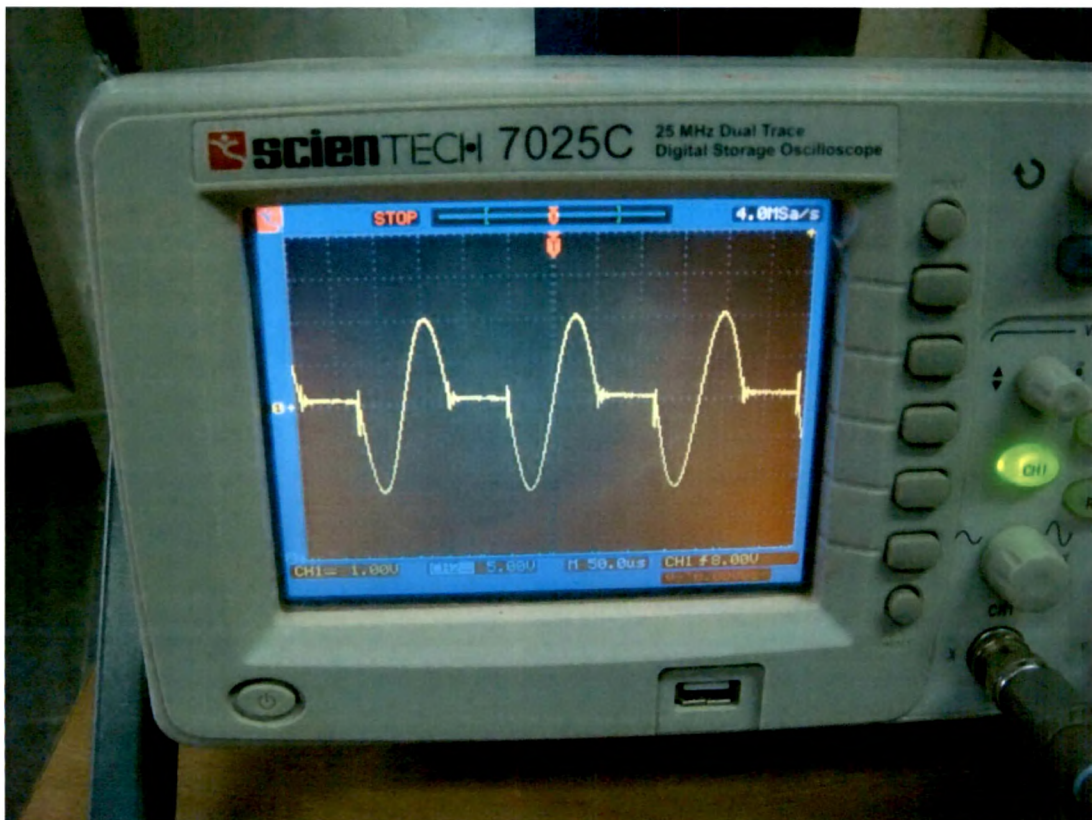


Figure B-11 Snapshot of D.S.O. showing Tank Current



Figure B-12 Whole setup for metering



Figure B-13 Prototype Model of Induction Melter



Figure B-14 Testing of Induction Melter in Progress-1

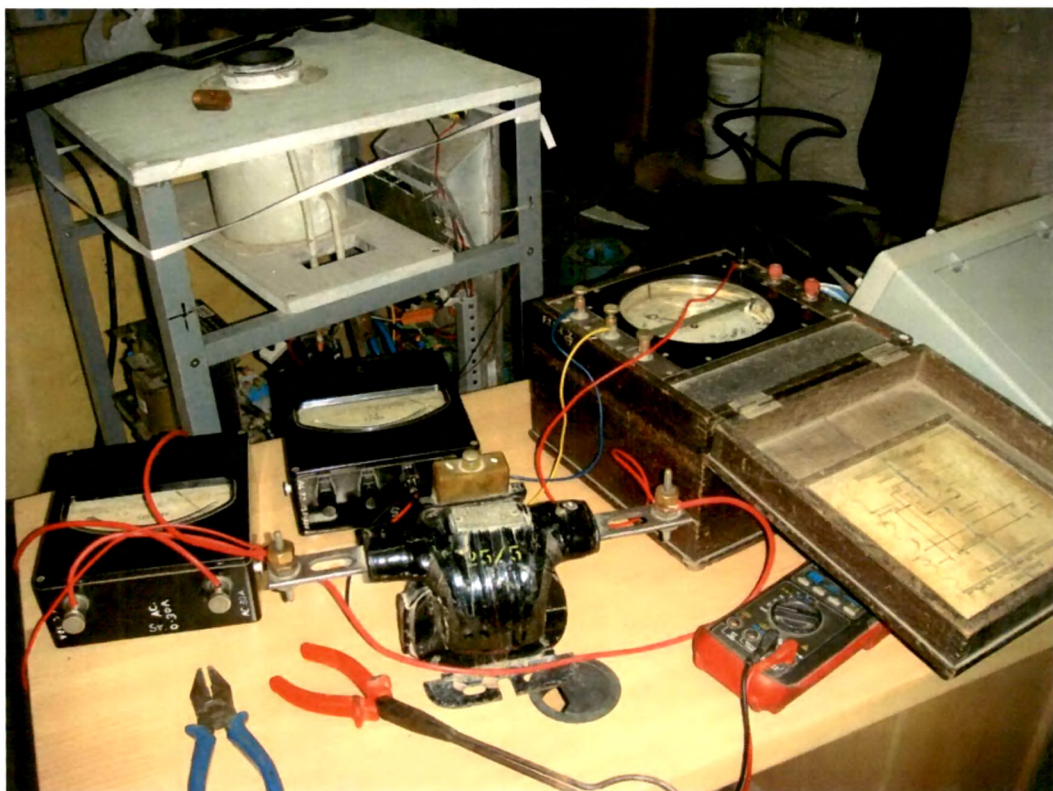


Figure B-15 Testing of Induction Melter in Progress-2



Figure B-16 Work Pieces of Copper



Figure B-17 Work Pieces in Crucible

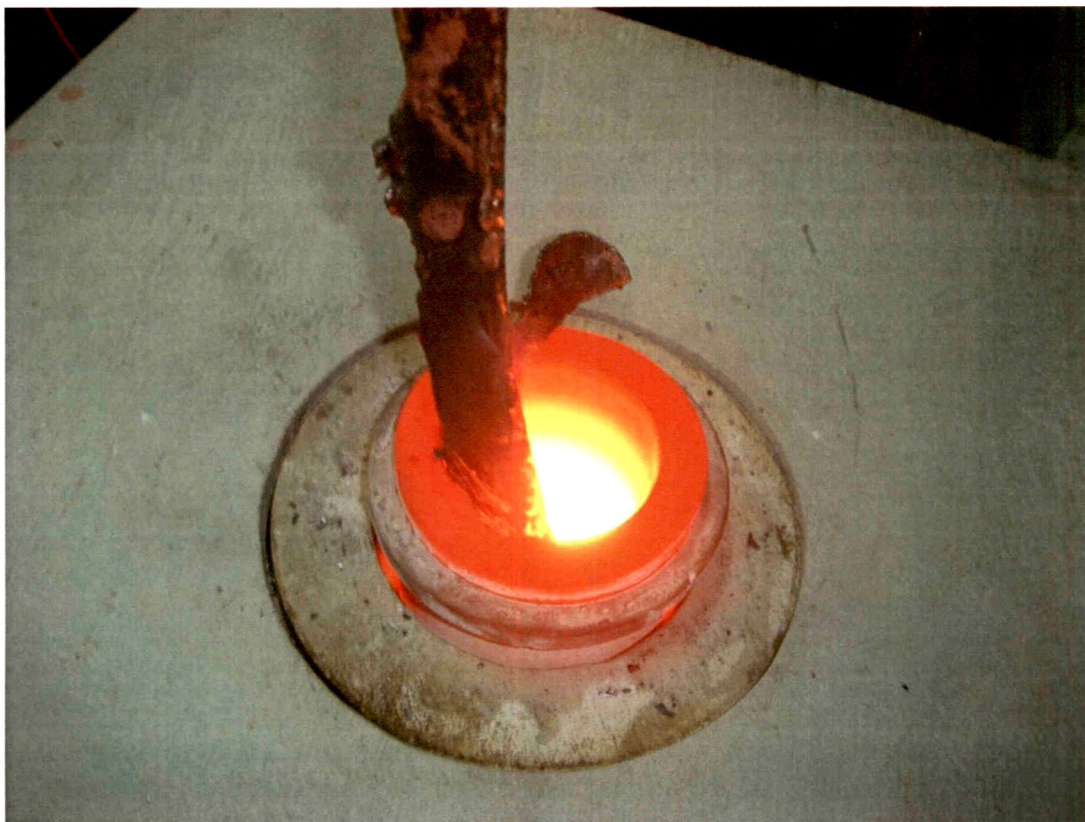


Figure B-18 Insertion of long copper piece to show effect of load inductance changes



Figure B-19 Melted work pieces