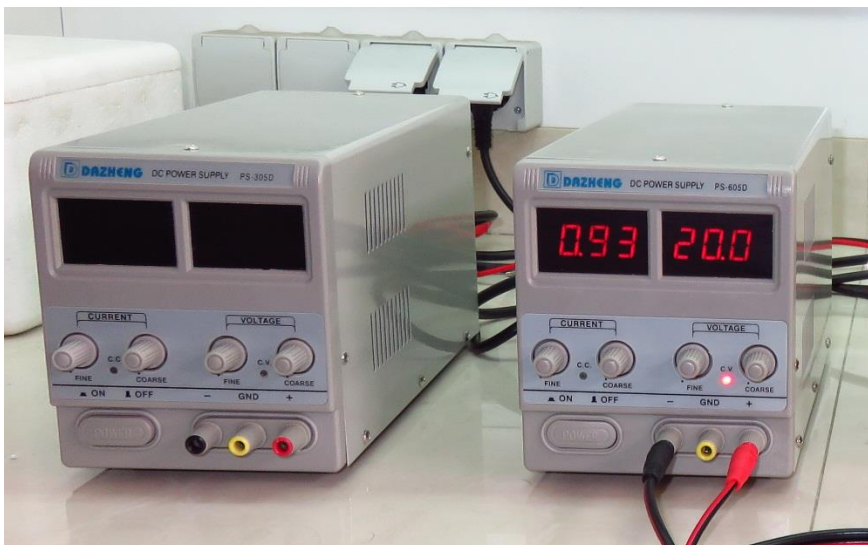


Failure Analysis and Fracture Mechanics Laboratory (FAMlab)

Facility Hotplate Magnetic Stirrer
Manufacturer Alfa
Model HS-860
Temp. range Room to 100°C



Facility DC Power supply
Manufacturer Dazheng
Model PS-305D
PS-605D
Voltage 0-30 v
0-60 v
Current 0-5 A



Facility Fume Hood
Manufacturer b.a.s.
Model Chemical Laboratory Hood
Dimensions 80*150*240



Facility Metallography Polishing /machine
Manufacturer TAIF AZERIN
Model ROTOPOL-3
Rotational speed 0-1000 rpm



Facility Inverted Metallurgical Microscope
Manufacturer Union
Model MC 85763
Magnifications 50, 100, 200, 400 X



Facility Inverted Metallurgical Microscope
Manufacturer COIC
Model XJP-6A
Magnifications 25, 200, 400, 1000 X



Facility Surface Mechanical Impact Treatment (SMIT)
Manufacturer Tarbiat Modares University
Model Cryogenic and Room Temperature



Facility Surface Mechanical Attrition Treatment (SMAT)
Manufacturer Tarbiat Modares University
Model Room Temperature



Facility Surface Mechanical Attrition Treatment (SMAT)
Manufacturer Tarbiat Modares University
Model Room Temperature



Facility Pin-on-Disk Wear Testing Machine
Manufacturer Tarbiat Modares University
Model Environmental- Wet and Dry Wear Test



Facility Bandsaw
Manufacturer KarMetal
Model 220MDG



Facility TIG Welding
Manufacturer GAAM Electric
Model PSQ400

