

**BORANG PERMOHONAN PENGGUNAAN PERALATAN
UNIVERSAL TESTING MACHINE (UTM) INSTRON**

Nama Pemohon/(Applicant Name): _____ No Matriks/Staf _____

Pusat Pengajian/Jabatan/(School/Department Name): _____

Kategori Projek (Project Category): Tahun Akhir (Final Year) MSc PhD R&D
 Consultation/Testing

Tajuk Projek/(Project Title) : _____

Type Of Testing (please tick):

Tensile	<input type="checkbox"/>	Compression	<input type="checkbox"/>	Shear Test	<input type="checkbox"/>	MOR/Flexure	<input type="checkbox"/>
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Testing/Sample Descriptions:

Sample ID/Materials		Qty		Sample Dimension (mm)			
Load Cell (√)	5kN		100kN	Length			
ASTM				Thickness			
Crosshead speed/Rate				Width			

Testing Result (Please tick)

Max. Load (kN)		Elongation		Strain (%)	
Tensile Strength (Mpa)		Modulus			
Yield Strength (MPa)		Elastic Mod			

Tandatangan (Applicant Signature): _____ Tarikh (Date): _____

Kebenaran daripada Penyelia projek (Supervisor Approval)

Saya _____, meluluskan permohonan untuk menggunakan kemudahan seperti di atas

Tarikh(Date): _____

(Tandatangan Penyelia Projek)
Supervisor Signature

Kebenaran daripada Penyelia Peralatan (Approval by Equipment In-Charge Supervisor)
(Prof. Dr. Zuhailawati Hussain / Dr.Syazana Ahmad Zubir)

Tarikh(Date): _____

Tandatangan Penyelia Peralatan
Signature by Equipment In-Charge Supervisor

Notes

- Tensile grips size FLAT(0-12.5mm), VEE(3.5-12.5mm)
- All specimen must have the hardness value below 40 rockwell C for tensile.
- Loadcell available: 5kN and 100kN ONLY.