



LEATHER TESTING LAB

FET-BAU

AL Balqa applied university Faculty of Engineering Technology (FET)

A new hope to the future of leather in Jordan



Al-Balqa Applied
University



Leather Testing Lab
INNOLEA Center



www.innolea-forum.com



facebook.com/innoleaproject



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Leather Testing Lab

The leather center was established to help encourage investment for inclusive and sustainable growth in Jordan, where the laboratory was established as a result of the INNOLEA Erasmus+ project. After a team from university underwent training in order to establish this laboratory as it contains modern device dedicated to examining leather.

www.innolea-forum.com

Faculty of Engineering Technology (FET)

It is One of BAU university colleges Located in Al Zahra neighborhood in Marka, East Amman. FET is specialized in engineering and technological programmes. It currently offers 9 programme of engineering in bachelor's and master's degree. In addition to Faculty of Engineering at the main campus in Al-Salt.



AL Balqa applied university – Faculty of Engineering Technology Building number 15 (Al-Razi building) in second floor.

Location: Al Balqa Applied University
-Faculty of Engineering Technology
FET, Al Hizam AlDaeri St 527,
Amman.





INNOLEA



INNOLEA is one of the Erasmus + programme projects, it aims to fill an apparent gap in the area of specialized services for the leather sector with the establishment of four leather centres in local universities, two in Jordan and two in Egypt, utilizing the experience and expertise of EU partners in the area of services for the leather sector.

INNOLEA: Innovation for the Leather Industry in Jordan and Egypt ERASMUS+ CBHE 585822-EPP-1-2017-1-EL-EPPKA2-CBHE-JP.

List of services provided by the Leather Testing lab at Al-Balqa Applied University:

1. Testing services.
2. Tanning services.
3. Training services.
4. Organising Training Workshops and Seminars.
5. Consultancy services.
6. Quality testing of leather products.
7. Certification of leather products.

The target people:

- Stakeholders.
- Both professional and novice engineers and workers.
- Student



List of equipment found in laboratory.



Testing Press machine for Sample preparation.



Testing Thickness measuring apparatus by Measurement of thickness (IUP 4/ISO 2589:2016 -Leather – Physical and mechanical tests - Determination of thickness).

Testing Flexometer device by Flexing endurance ISO/5402-1:2017/ IUP 20 Leather Determination of flex resistance -using: Flexometer method.



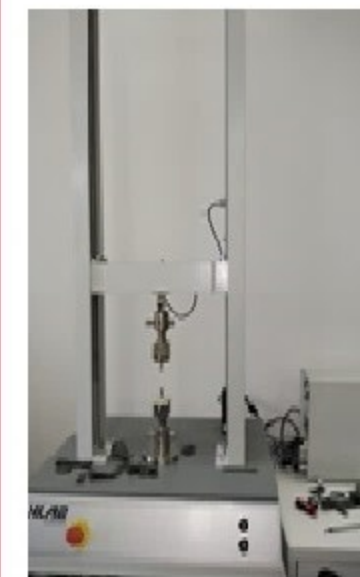
Testing Dinamometer device using IUP 6/ ISO 3376:2011 - Leather – Physical and mechanical tests – Determination of tensile strength and percentage extension.



Testing Water vapour absorption determination apparatus using IUP 42 / ISO 17229:2016 -Leather Physical and mechanical tests – Determination of water vapour absorption.



Testing Water vapour permeability determination apparatus using IUP 15 / ISO 14268:2012 (R 2018) Leather – Physical and mechanical tests – Determination of water vapour permeability.





Testing lab drums (Equipment with 4 small scale (interior volume of 5L) , with independent temperature and rotation velocity control.

lab test drum for tanning leather and for multi process such as liming, deliming, tanning and retanning to test before real tanning.



Staff: It consists of three trainers:

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