



BGAPMEA Testing Laboratory

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Bangladesh Garments Accessories & Packaging Manufacturers & Exporters Association (BGAPMEA) has inaugurated its Testing Laboratory on 7th December, 2016 at BSCIC Industrial Estate, Tongi under the Grant Scheme project of Bangladesh INSPIRED funded by the European Union & the Ministry of Industries, Govt. of the People's Republic of Bangladesh. Mr. Md. Mosharaf Hossain Bhuiyan, ndc, Senior Secretary, Ministry of Industries was the Chief Guest of this Program. Other Govt. officials & representatives from the Bangladesh INSPIRED as well as the representatives from the print & electronic media were also present in the program.



According to the feasibility report, a huge amount of money is required to set up a full flagged Testing Laboratory. But there was a lump sum budget in the INSPIRED project to set up the Testing Laboratory. It is not large enough to purchase the testing machineries for all accessories & packaging products under this project. BGAPMEA member units manufactured 30-35 items of Garments Accessories & Packaging products. Out of which most of the member units manufactured Corrugated Carton. So management of BGAPMEA decided to set up the Carton related Testing machines under INSPIRED project first. Afterward it would be extended for other items. In this context, the following testing machines were installed :

Bursting Strength Tester:

It is the basic instrument to test the strength performance of paper and paperboard. It is applicable in all kinds of cardboard or single and multilayer corrugated cardboard, it is also used in silk, cotton, non-paper material burst strength test.



Moisture Meter:

It is a digital moisture meter with high-performance adopting advanced foreign technology. It integrates sensor and mainframe with figure display and has six stalls to test the moisture of various papers, cardboard, corrugated paper and carton. It can test on paper winding machine and paper stack directly.



Box Compression Tester:

It is professionally used to test the compression resistance property of carton box, corrugated box, honeycomb cardboard box and other packaging. And it's also applicable to container compression test of plastic bucket (edible oil, mineral water), fiber drum, carton, paper, cans, container barrels (IBC barrels).

It is applicable to do compression test, stacking test and press standard test of corrugated carton, cellular board case and so on.

Compressive strength test is applicable to test crushing force of all kinds of corrugated carton, honeycomb plate box and other packaging;

Stacking strength test is applicable to stacking test of all kinds of corrugated carton, honeycomb plate box and other packaging;

Pressure standards compliance test is applicable to pressure standard compliance test of corrugated carton, honeycomb plate box and other packaging;

It is also used to test pressure resistance property of plastic barrels, bottled mineral water bottles, bottled container anti-stress tests



Drop Tester:

It imitates the falling impact influence of packages in transportation and loading. It is used to identify the impact endurance and designable rationality of packages. Applying in doing the drop test of packaging, including container (carton, barrel) and bag (such as cement, lime, flour, rice).



Crush Tester:

It is mainly applied to do Ring Crush Test (RCT) for paper, thickness of 0.15 ~ 1.00mm; Edge Crush Test (ECT) for cardboard; Flat Press Test (FCT) for cardboard; Adhesive Strength Test (PAT) for cardboard and Tube Compress Test (CMT) for small paper tube, diameter less than 60mm. It is also used in testing compression strength of paper cup, paper bowl, paper barrel, paper tube and other type small package.



Cobb Absorbency Tester:

It is used to test the absorbency of paper and cardboard according to related standards.



Cobb Absorbency Tester Sample Cutter:

Cobb absorbency tester sample cutter (hereinafter referred to as the sampler), is the dedicated sampler of paper, cardboard absorbency and through oil determination of the standard sample. It is the ideal auxiliary lab device of paper, packaging, research and quality supervision, inspection and other industries and sectors.



Rub Tester:

It is applying in testing the abrasion of print ink, PS photosensitive coating and other relative products' coating. It is used to analyze the printing abrasion, ink peeling and other products' coating hardness.



Bar Code Tester:

It is applied in printing, manufacture, commerce, storage and freight, and some other bar code quality-control institution.



for more detail, please contact the following address:



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