PACKAGES CONVERTORS LIMITED BU-FC	Document type Work Instruction Title ROUGHNESS TESTING.

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1.0 SCOPE:

This test method describes the procedure to determine the roughness of single sheet of board.

2.0 REFEFRENCE:

2.1 SCAN – P21:67

2.2 Equipment Manual.

3.0 DEFINITIONS:

The flow of air, under a constant pressure, escapes between the paper surface and flat metal ring of the testing head.

4.0 EQUIPMENT:

4.1 L&W Bendtsen Tester.

5.0 TEST PROCEDURE:

5.1 Check the voltage and compressed air to the instrument is switched on.

5.2 Set the measuring air pressure 1.47 KPa.

5.3 Check the reading of air flow meter is zero.

5.4 Set the distributor for measuring air to roughness.

5.5 Place the sample on a flat glass plate and then place the loading plate on it.

5.6 Place the measuring head in the holes of loading plate one by one and take four readings from each sample. Take average of four readings as a single value.

5.7 Each slit will be released separately on the basis of single value results.

5.8 If the roughness is above 200 ml/min use the high measuring range.

6.0 RESPONSIBILITY:

QA Supervisor/ Lab Assistant