



STANDARD RATES

of the experimental station and the state accredited testing laboratory

as at January 2nd 2007 *)

A = accredited testing method

B = other testing methods of the experimental station

			EUR
I	<u>GENERAL TESTS</u>		
1	Determination of grammage (mass per unit area) as per ÖNORM EN ISO 536; A		55,00
2	Measurement of thickness as per ÖNORM ISO 534, FEFCO Nr. 3; A		55,00
3	Determination of the water vapour transmission of paper, cardboard, board and films as per DIN 53122-1; A	from	190,00
4	Tensile-strength test, e.g. as per ÖNORM EN ISO 1924-2, DIN ISO 3781; A		poa
5	Determination of moisture absorption (storage at constant climate); B (rate does not include charge for climatisation)		75,00
6	Determination of moisture contents as per ÖNORM EN 20287; A		70,00
7	Determination of the pH-value as per DIN 53124; B	from	70,00
8	Determination of the annealing residue; B		85,00
9	Determination of the absolute bursting energy of paper and films using a Frag-Tester; B		poa
10	Determination the bending coefficient of paper, plastics, metall-films and similar materials; B		poa

*) These actual rates replace any other rates published earlier.

11	Testing the print quality of bar code symbols (9 individual measurements per code); A Accelerated testing	85,00 poa
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II TESTING OF PAPER, CARDBOARD, SOLID- & CORRUGATED BOARD

1	Determination of coefficient for mass in relation to the area for individual layers of corrugated fibreboards as per ÖNORM A 5502 FEFCO Nr. 10; A - single wall corrugated board - double wall corrugated board - triple wall corrugated board - glue bonded (wet strength) corrugated board	90,00 115,00 140,00 poa
2	Determination of bursting strength as per ÖNORM EN ISO 2759, DIN 53141/1, FEFCO Nr. 4; A	80,00
3	Determination of bursting strength after immersion in water as per ISO 3689; A	105,00
4	Puncture test for board and corrugated fibreboard as per ÖNORM A 5504, DIN 53142, FEFCO Nr. 5; A	90,00
5	Determination of water absorptiveness - Cobb method as per ÖNORM EN 20535, FEFCO Nr. 7; A one side testing of specimen; per residence time	75,00
6	Determination of flat crush resistance of single-faced and single-wall corrugated fibreboard (FCT) as per ÖNORM EN 23035, FEFCO Nr. 6; A base rate for 10 values	90,00
7	Determination of the flat crush resistance after laboratory fluting of corrugating medium (CMT) as per ÖNORM EN ISO 7263; A	85,00
8	Corrugated <u>C</u> rush <u>T</u> est for corrugating medium (CCT; "Fluted edge crush of corrugating medium", Tappi 843 om-02); per machine direction; A	85,00
9	Determination of the ring crush resistance (RCT) of paper as per DIN 53134; per machine direction; A	80,00
10	Concora <u>L</u> iner <u>T</u> est for corrugated board and lining paper (CLT); per machine direction; A	80,00
11	Determination of edgewise crush resistance of corrugated fibreboard (ECT) as per ÖNORM EN ISO 3037, FEFCO Nr. 8; A	85,00
12	Determination of water resistance of glue bond of board as per DIN 53133, FEFCO Nr. 9; A - single wall corrugated board - double wall corrugated board - triple wall corrugated board	120,00 160,00 210,00

13	Determination of the water vapour transmission (analogous to DIN 53122/1); A	210,00
14	Determination of tearing resistance (Elmendorf method) as per ÖNORM EN 21974; B	80,00
15	Tear growth test according to Brecht-Imset as per DIN 53115; B	80,00

III PACKAGE TESTING

1	Determination of compression strength (BCT) as per ÖNORM EN ISO 12048, FEFCO Nr. 50; A - for 1 to 5 specimen per sample - any other specimen per sample (per tested value)	105,00 8,50
2	Determination of long time compression strength (compression test by time) as per ÖNORM EN ISO 12048; A ; rate for one specimen - 1st to 3rd hour; per hour - 4th to 21st hour; per hour - from 21st hour; per hour	25,00 12,00 2,50
3	Stacking tests as per ÖNORM EN ISO 2234; A	poa
4	esting of packaging for the authentication of transportation security accepted by the Austrian National Railways, by the Austrian Post; A	poa
5	Testing of packaging for dangerous goods as regulated by ADR/RID, IMDG-Code, ICAO-TI/IATA-DGR and licensing the tested packaging; A - compression strength test - drop test - drop test including a climatisation of -18 °C - internal pressure test - leakage test - costs for a licence for one type - any further type within the licence - supplement to an existing licence	from 210,00 from 290,00 from 360,00 290,00 290,00 350,00 45,00 from 130,00
6	Drop tests (impact test as per ÖNORM ISO 2248, tip test as per ÖNORM ISO 2876, tilt drop test as per ÖNORM EN 28768); A	poa
7	Drop tests measuring delay values; A fixed costs for using apparatuses per series of tests + expenditure of time (hourly rate on request)	130,00 variable

IV MONITORING OF TESTING MEANS

For monitoring testing means and instruments in your testing laboratory the following monitoring methods are offered (additionally to the below mentioned rates all working hours <hourly rate poa> including journey time and kilometre allowance <at the current official rate> will be charged):

	EUR
1 Inspect of temperature- and/or humidity measurement device, hot-, climatic exposure test cabinet using the precision instrument Testo 645; fixed costs	42,00
2 Inspect of specimen-templates and cutting instruments for special forms of testing bodies using precision sliding calliper/-micrometer gauge; fixed costs	25,00
3 Inspect of laboratory scales until a scale span of 10,000 Gramm using a calibrated set of precision weights; fixed costs	11,00
4 Inspect of thickness testers using calibrated parallel end gauges; fixed costs	21,00
5 Inspect of instruments for measuring length using calibrated parallel end gauges (up to max. 600 mm); fixed costs	21,00
6 Inspect of specimen holders (e.g. for RCT) using precision micrometer gauge (scale span 0 - 25 mm, 25 - 50 mm); fixed costs	25,00
7 Inspect of general purpose testing machines (pull/pressure; scale span max. 60 kN) using calibrated load cell - charging amplifier - persistence oscilloscope regarding strength indicator and with precision sliding calliper/-micrometer gauge regarding the plane parallelism of pressure plates; fixed costs	130,00
8 For other testing instruments like bursting testers (Mullen), puncture tester, etc. doing ring tests;	poa

V SONSTIGES

1 Rate for climatisation, differing from the standard climate 23 °C, 50 % relative humidity; per hour	3,80
2 For expertises, consulting and trainings hours of work will be charged (including kilometre allowance - at the current official rate); hourly rate	poa

All rates exclude 20 % VAT.

All licences, test reports and expertises are sent in duplicate. If required a pdf document can be generated as well. Any special requests concerning the form/dispatch of licences, test reports and expertises (e.g. in English) will be charged additionally.