

Current list of AS/NZS Testing Standards

As of 4 December 2019

Committee PK-019 of Standards Australia – formerly the Appita Testing Standards Committee – oversees the Review, Revision and Creation of testing standards of relevance to the pulp, paper and board industries. In some instances, the Committee has chosen to Withdraw a standard. A 'withdrawn' standard can still be obtained from Standards Australia, but it will not be routinely reviewed by Committee PK-019.

The pages that follow contain one list in **Number** order, followed by a second list sorted by **Keyword**.

Standards can be purchased by visiting the Standards Australia website www.standards.org.au and clicking on the "Buy a standard" link in the top right hand area of the page.

Notes:

- (i) The term "Rec:20xx" indicates the standard was reviewed by the Committee in year 20xx, but was not revised.
- (ii) Recently, the Committee withdrew standard AS/NZS 1301.431RP:2006 *Taber bending resistance of paper and paperboard* and it is possible that AS/NZS 445S-2006 *Hardness of corrugated board* may also be withdrawn soon.

Indexed by NUMBER

Methods of test for pulp and paper
as of 04-Dec-19

<u>AS/NZS Standard</u>	<u>Title</u>
AS/NZS 1301.001s:2002 Rec:2013	Basic density of pulpwood
AS/NZS 1301.002s:2004 Rec:2017	Preparation of wood samples for chemical analysis
AS 1301.004:2019	Solubility of wood in boiling water
AS/NZS 1301.010s:2007 Rec:2017	Determination of moisture in wood chips
AS/NZS 1301.011:2018	Klason lignin in wood and pulp
AS/NZS 1301.012:2017	Organic solvent extractives in wood, pulp and paper
AS/NZS 1301.013rp:2007 Rec:2017	Sampling of woodchips for testing
AS 1301.014:2019	Size classification of wood chips
AS/NZS 1301.201s:2002 Rec:2013	Kappa number of pulp
AS/NZS 1301.203s:2007 Rec:2017	Forming handsheets for physical testing of pulp
AS/NZS 1301.204rp:2006 Rec:2017	Estimation of dirt and shives in pulp
AS/NZS 1301.206s:2015	Freeness of pulp
AS/NZS 1301.207s:2007 Rec:2017	Determination of stock concentration
AS/NZS 1301.208s:2007 Rec:2017	Physical testing of pulp handsheets
AS/NZS 1301.209:2017	Laboratory processing of pulp - PFI mill method
AS/NZS 1301.210s:2002 Rec:2013	Alkali solubility of pulp
AS/NZS 1301.214s:2007 Rec:2017	Equipment for preparation of handsheets
AS 1301.215:2019	Removal of latency
AS/NZS 1301.400:2016	Determination of tearing resistance - Elmendorf method
AS 1301.402:2019	Statistical monitoring of test systems
AS 1301.403:2019	Bursting strength of paper
AS/NZS 1301.404s:1998 Rec:2013	Tensile strength of paper and board (constant rate of loading method)
AS/NZS 1301.405s:2004	Grammage of non-creped paper and board
AS/NZS 1301.407:2017	Ring crush test
AS 1301.411:2019	Water absorptiveness of paper and paperboard (Cobb test)
AS/NZS 1301.414s:2006 Rec:2017	Conditioning of paper for testing
AS/NZS 1301.415s:2008 Rec:2019	Standard atmosphere for testing paper and board and procedure for monitoring the atmosphere
AS/NZS 1301.417s:2014	Sampling to determine average quality
AS/NZS 1301.418s:2015	Ash content of wood, pulp, paper and board
AS/NZS 1301.419s:2004 Rec:2017	Water vapour transmission rate of paper
AS 1301.420:2019	Gurley air permeance of paper (ISO 5636-5:2003 MOD)
AS/NZS 1301.421:2008	Determination of the pH value of aqueous extracts of paper, board and pulp - Cold extraction method
AS/NZS 1301.422s:2007	Determination of the pH value of aqueous extracts of paper, board and pulp - Hot extraction method
AS/NZS 1301.423:2008 Rec:2019	Folding strength of paper - Kohler-Molin method
AS/NZS 1301.424s:2006	Determination of titanium dioxide in paper, paperboard, pigments and fillers
AS/NZS 1301.426s:2015	Paper and board- Determination of thickness, density and specific volume
AS/NZS 1301.429:2017	Flat crush resistance of corrugated board (ISO 5635-5:2003 MOD)
AS/NZS 1301.430:2019	Liner adhesion of corrugated board
AS/NZS 1301.434:2016	Determination of flat crush resistance after laboratory fluting
AS 1301.437:2019	Tensile strength of wetted paper and paperboard
AS/NZS 1301.438s:1997 Rec:2013	Bursting strength of board
AS 1301.439:2019	Bendtsen roughness of paper and paperboard
AS/NZS 1301.440:2016	Determination of air permeance (medium range) - Bendtsen method
AS/NZS 1301.441s:1998 Rec:2013	Sheffield roughness of paper and board
AS/NZS 1301.442s:1998 Rec:2013	Water absorption of solid fibreboard (total immersion)
AS/NZS 1301.443:2019	Boiling water resistance of paperboard

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<u>AS/NZS Standard</u>	<u>Title</u>
AS/NZS 1301.444:2016	Edgewise compression resistance of corrugated fibreboard (unwaxed edge method)
AS/NZS 1301.445s:2006	Hardness of corrugated board
AS/NZS 1301.447:2016	Determination of air permeance (medium range) - Sheffield method
AS 1301.448:2019	Tensile strength of paper and paperboard (Constant rate of elongation method)
AS/NZS 1301.449s:1997 Rec:2013	Description of crush testing equipment
AS 1301.450:2019	Compression strength of paper and board - Short span test
AS/NZS 1301.451rp:2007 Rec:2017	Fibre furnish analysis
AS/NZS 1301.452rp:2006 Rec:2017	Determination of weight factors by the comparison method
AS/NZS 1301.453:2016	Determination of bending resistance - Constant rate of deflection
AS/NZS 1301.456s:2006 Rec:2017	Determination of conductivity of aqueous extracts of paper, board and pulp
AS 1301.457:2020	Determination of moisture content in paper, board and pulps
AS/NZS 1301.458:2020	Glue bond strength of wetted corrugated fibreboard
AS/NZS 1301.459rp:2006 Rec:2017	Zero span wet tensile strength of pulp (ISO 15361:2000, MOD)
AS/NZS 1301.460s:2007 Rec:2017	Statistical concepts used in pulp and paper testing
AS/NZS 1301.466s:2005	Preparation of laboratory sheets for the measurement of diffuse blue reflectance factor (ISO brightness)
AS/NZS 1301.510:2016	Measurement of diffuse radiance factor (diffuse reflectance factor)
AS/NZS 1301.515:2017	Measurement of diffuse radiance factor (diffuse reflectance factor) - Indoor daylight conditions (ISO brightness)
AS/NZS 1301.520:2016	Measurement of diffuse radiance factor (diffuse reflectance factor) - Outdoor daylight conditions (D65 brightness)
AS/NZS 1301.525:2016	Determination of opacity (paper backing) - Diffuse reflectance method
AS/NZS 1301.530:2016	Determination of colour by diffuse reflectance: Indoor daylight conditions (C/2 degrees)
AS/NZS 1301.535:2016	Determination of colour by diffuse reflectance: Outdoor daylight conditions (D65/10 degrees)
AS/NZS 1301.540:2016	Determination of colour by diffuse reflectance: Indoor illumination conditions (D50/2 degrees)
AS/NZS 1301.545:2018	Determination of light scattering and absorption coefficients (using Kubelka-Munk theory) (ISO 9416:2017 MOD)
AS/NZS 1301.550:2017	Determination of CIE whiteness, D65/10 degrees (outdoor daylight)
AS/NZS 1301.555:2017	Determination of CIE whiteness, C/2 degrees (indoor illumination conditions)
AS/NZS 1301.560:2016	Determination of the effective residual ink concentration (ERIC number) by infrared reflectance measurement
AS/NZS 1301.565:2016	Determination of transmittance by diffuse reflectance measurement
AS/NZS 1301.800s:2019	Compression resistance of fibreboard boxes (cases)
AS/NZS ISO 7213:2015	Pulps - sampling for testing

<u>Keyword</u>	<u>AS/NZS Standard</u>	<u>Title</u>
Absorbency	AS/NZS 1301.442s:1998 Rec:2013	Water absorption of solid fibreboard (total immersion)
Absorption	AS/NZS 1301.442s:1998 Rec:2013	Water absorption of solid fibreboard (total immersion)
Absorption coefficient	AS/NZS 1301.545:2018	Determination of light scattering and absorption coefficients (using Kubelka-Munk theory) (ISO 9416:2017 MOD)
Absorptiveness	AS/NZS 1301.442s:1998 Rec:2013	Water absorption of solid fibreboard (total immersion)
Adhesion	AS/NZS 1301.430:2019	Liner adhesion of corrugated board
Air	AS 1301.420:2019	Gurley air permeance of paper (ISO 5636-5:2003 MOD)
Air	AS/NZS 1301.440:2016	Determination of air permeance (medium range) - Bendtsen method
Air	AS/NZS 1301.447:2016	Determination of air permeance (medium range) - Sheffield method
Alkali	AS/NZS 1301.210s:2002 Rec:2013	Alkali solubility of pulp
Analysis	AS/NZS 1301.002s:2004 Rec:2017	Preparation of wood samples for chemical analysis
Analysis	AS/NZS 1301.451rp:2007 Rec:2017	Fibre furnish analysis
Apparent density	AS/NZS 1301.426s:2015	Paper and board- Determination of thickness, density and specific volume
Ash content	AS/NZS 1301.418s:2015	Ash content of wood, pulp, paper and board
Atmosphere	AS/NZS 1301.415s:2008 Rec:2019	Standard atmosphere for testing paper and board and procedure for monitoring the atmosphere
Beating	AS/NZS 1301.209:2017	Laboratory processing of pulp - PFI mill method
Bending resistance	AS/NZS 1301.453:2016	Determination of bending resistance - Constant rate of deflection
Bendtsen	AS 1301.439:2019	Bendtsen roughness of paper and paperboard
Bendtsen	AS/NZS 1301.440:2016	Determination of air permeance (medium range) - Bendtsen method
Bleachability	AS/NZS 1301.201s:2002 Rec:2013	Kappa number of pulp
Board	AS/NZS 1301.404s:1998 Rec:2013	Tensile strength of paper and board (constant rate of loading method)
Board	AS/NZS 1301.405s:2004	Grammage of non-creped paper and board
Board	AS 1301.411:2019	Water absorptiveness of paper and paperboard (Cobb test)
Board	AS/NZS 1301.415s:2008 Rec:2019	Standard atmosphere for testing paper and board and procedure for monitoring the atmosphere
Board	AS/NZS 1301.417s:2014	Sampling to determine average quality
Board	AS/NZS 1301.418s:2015	Ash content of wood, pulp, paper and board
Board	AS/NZS 1301.424s:2006	Determination of titanium dioxide in paper, paperboard, pigments and fillers
Board	AS/NZS 1301.429:2017	Flat crush resistance of corrugated board (ISO 5635-5:2003 MOD)
Board	AS/NZS 1301.430:2019	Liner adhesion of corrugated board
Board	AS 1301.437:2019	Tensile strength of wetted paper and paperboard
Board	AS/NZS 1301.438s:1997 Rec:2013	Bursting strength of board
Board	AS 1301.439:2019	Bendtsen roughness of paper and paperboard
Board	AS/NZS 1301.440:2016	Determination of air permeance (medium range) - Bendtsen method
Board	AS/NZS 1301.441s:1998 Rec:2013	Sheffield roughness of paper and board
Board	AS/NZS 1301.442s:1998 Rec:2013	Water absorption of solid fibreboard (total immersion)
Board	AS/NZS 1301.443:2019	Boiling water resistance of paperboard
Board	AS/NZS 1301.444:2016	Edgewise crush resistance (Unwaxed edge method) (ISO3037:1994, MOD)
Board	AS/NZS 1301.445s:2006	Hardness of corrugated board
Board	AS/NZS 1301.447:2016	Determination of air permeance (medium range) - Sheffield method
Board	AS 1301.448:2019	Tensile strength of paper and paperboard (Constant rate of elongation method)
Board	AS 1301.450:2019	Compression strength of paper and board - Short span test
Board	AS/NZS 1301.453:2016	Determination of bending resistance - Constant rate of deflection
Board	AS/NZS 1301.456s:2006 Rec:2017	Determination of conductivity of aqueous extracts of paper, board and pulp
Board	AS 1301.457:2020	Determination of moisture content in paper, board and pulps
Board	AS/NZS 1301.458:2020	Glue bond strength of wetted corrugated fibreboard
Board	AS/NZS 1301.520:2016	Measurement of diffuse radiance factor (diffuse reflectance factor) - Outdoor daylight conditions (D65 brightness)
Board	AS/NZS 1301.800s:2019	Compression resistance of fibreboard boxes (cases)
Boiling	AS 1301.004:2019	Solubility of wood in boiling water
Boiling	AS/NZS 1301.443:2019	Boiling water resistance of paperboard

<u>Keyword</u>	<u>AS/NZS Standard</u>	<u>Title</u>
Boxes	AS/NZS 1301.800s:2019	Compression resistance of fibreboard boxes (cases)
Brightness	AS/NZS 1301.466s:2005	Preparation of laboratory sheets for the measurement of diffuse blue reflectance factor (ISO brightness)
Brightness	AS/NZS 1301.510:2016	Measurement of diffuse radiance factor (diffuse reflectance factor)
Brightness	AS/NZS 1301.515:2017	Measurement of diffuse radiance factor (diffuse reflectance factor) - Indoor daylight conditions (ISO brightness)
Brightness	AS/NZS 1301.520:2016	Measurement of diffuse radiance factor (diffuse reflectance factor) - Outdoor daylight conditions (D65 brightness)
Brightness	AS/NZS 1301.555:2017	Determination of CIE whiteness, C/2 degrees (indoor illumination conditions)
Bulk	AS/NZS 1301.426s:2015	Paper and board- Determination of thickness, density and specific volume
Burst strength	AS 1301.403:2019	Bursting strength of paper
Burst strength	AS/NZS 1301.438s:1997 Rec:2013	Bursting strength of board
C/2 degrees	AS/NZS 1301.530:2016	Determination of colour by diffuse reflectance: Indoor daylight conditions (C/2 degrees)
C/2 degrees	AS/NZS 1301.555:2017	Determination of CIE whiteness, C/2 degrees (indoor illumination conditions)
Canadian Std. Freeness	AS/NZS 1301.206s:2015	Freeness of pulp
Cases	AS/NZS 1301.800s:2019	Compression resistance of fibreboard boxes (cases)
Chemical analysis	AS/NZS 1301.002s:2004 Rec:2017	Preparation of wood samples for chemical analysis
Chips	AS/NZS 1301.002s:2004 Rec:2017	Preparation of wood samples for chemical analysis
Chips	AS 1301.004:2019	Solubility of wood in boiling water
Chips	AS/NZS 1301.010s:2007 Rec:2017	Determination of moisture in wood chips
Chips	AS/NZS 1301.011:2018	Klason lignin in wood and pulp
Chips	AS/NZS 1301.012:2017	Organic solvent extractives in wood, pulp and paper
Chips	AS/NZS 1301.013rp:2007 Rec:2017	Sampling of woodchips for testing
Chips	AS 1301.014:2019	Size classification of wood chips
CIE whiteness	AS/NZS 1301.550:2017	Determination of CIE whiteness, D65/10 degrees (outdoor daylight)
CIE whiteness	AS/NZS 1301.555:2017	Determination of CIE whiteness, C/2 degrees (indoor illumination conditions)
Classification	AS 1301.014:2019	Size classification of wood chips
Cobb test	AS 1301.411:2019	Water absorptiveness of paper and paperboard (Cobb test)
Cold extraction	AS/NZS 1301.421:2008	Determination of the pH value of aqueous extracts of paper, board
Colour	AS/NZS 1301.530:2016	Determination of colour by diffuse reflectance: Indoor daylight conditions (C/2 degrees)
Colour	AS/NZS 1301.535:2016	Determination of colour by diffuse reflectance: Outdoor daylight conditions (D65/10 degrees)
Colour	AS/NZS 1301.540:2016	Determination of colour by diffuse reflectance: Indoor illumination conditions (D50/2 degrees)
Comparison	AS/NZS 1301.452rp:2006 Rec:2017	Determination of weight factors by the comparison method
Compression	AS/NZS 1301.444:2016	Edgewise crush resistance (Unwaxed edge method) (ISO3037:1994, MOD)
Compression	AS 1301.450:2019	Compression strength of paper and board - Short span test
Compression	AS/NZS 1301.800s:2019	Compression resistance of fibreboard boxes (cases)
Concentration	AS/NZS 1301.207s:2007 Rec:2017	Determination of stock concentration
Conditioning	AS/NZS 1301.414s:2006 Rec:2017	Conditioning of paper for testing
Conductivity	AS/NZS 1301.456s:2006 Rec:2017	Determination of conductivity of aqueous extracts of paper, board and pulp
Consistency	AS/NZS 1301.207s:2007 Rec:2017	Determination of stock concentration
Constant rate	AS/NZS 1301.404s:1998 Rec:2013	Tensile strength of paper and board (constant rate of loading method)
Constant rate	AS 1301.448:2019	Tensile strength of paper and paperboard (Constant rate of elongation method)
Constant rate	AS/NZS 1301.453:2016	Determination of bending resistance - Constant rate of deflection
Corrugated	AS/NZS 1301.429:2017	Flat crush resistance of corrugated board (ISO 5635-5:2003 MOD)
Corrugated	AS/NZS 1301.430:2019	Liner adhesion of corrugated board
Corrugated	AS/NZS 1301.444:2016	Edgewise crush resistance (Unwaxed edge method) (ISO3037:1994, MOD)
Corrugated	AS/NZS 1301.445s:2006	Hardness of corrugated board
Corrugated	AS/NZS 1301.458:2020	Glue bond strength of wetted corrugated fibreboard
Corrugating	AS/NZS 1301.434:2016	Determination of flat crush resistance after laboratory fluting

<u>Keyword</u>	<u>AS/NZS Standard</u>	<u>Title</u>
Crush	AS/NZS 1301.407:2017	Ring crush test
Crush	AS/NZS 1301.429:2017	Flat crush resistance of corrugated board (ISO 5635-5:2003 MOD)
Crush	AS/NZS 1301.434:2016	Determination of flat crush resistance after laboratory fluting
Crush	AS/NZS 1301.449s:1997 Rec:2013	Description of crush testing equipment
CSF	AS/NZS 1301.206s:2015	Freeness of pulp
D50/2 degrees	AS/NZS 1301.540:2016	Determination of colour by diffuse reflectance: Indoor illumination conditions (D50/2 degrees)
D65 brightness	AS/NZS 1301.520:2016	Measurement of diffuse radiance factor (diffuse reflectance factor) - Outdoor daylight conditions (D65 brightness)
D65/10 degrees	AS/NZS 1301.535:2016	Determination of colour by diffuse reflectance: Outdoor daylight conditions (D65/10 degrees)
D65/10 degrees	AS/NZS 1301.550:2017	Determination of CIE whiteness, D65/10 degrees (outdoor daylight)
Deflection	AS/NZS 1301.453:2016	Determination of bending resistance - Constant rate of deflection
Density	AS/NZS 1301.426s:2015	Paper and board- Determination of thickness, density and specific volume
Dirt	AS/NZS 1301.204rp:2006 Rec:2017	Estimation of dirt and shives in pulp
Edgewise	AS/NZS 1301.444:2016	Edgewise compression resistance of corrugated fibreboard (unwaxed edge method)
Elongation	AS 1301.448:2019	Tensile strength of paper and paperboard (Constant rate of elongation method)
Equipment	AS/NZS 1301.214s:2007 Rec:2017	Equipment for preparation of handsheets
Equipment	AS/NZS 1301.449s:1997 Rec:2013	Description of crush testing equipment
ERIC number	AS/NZS 1301.560:2016	Determination of the effective residual ink concentration (ERIC number) by infrared reflectance measurement
Extract	AS/NZS 1301.421:2008	Determination of the pH value of aqueous extracts of paper, board and pulp - Cold extraction method
Extract	AS/NZS 1301.422s:2007	Determination of the pH value of aqueous extracts of paper, board
Extract	AS/NZS 1301.456s:2006 Rec:2017	Determination of conductivity of aqueous extracts of paper, board and pulp
Extractives	AS/NZS 1301.012:2017	Organic solvent extractives in wood, pulp and paper
Fibre	AS/NZS 1301.451rp:2007 Rec:2017	Fibre furnish analysis
Fibre	AS/NZS 1301.452rp:2006 Rec:2017	Determination of weight factors by the comparison method
Fibreboard	AS/NZS 1301.442s:1998 Rec:2013	Water absorption of solid fibreboard (total immersion)
Fibreboard	AS/NZS 1301.444:2016	Edgewise crush resistance (Unwaxed edge method) (ISO3037:1994, MOD)
Fibreboard	AS/NZS 1301.458:2020	Glue bond strength of wetted corrugated fibreboard
Fibreboard	AS/NZS 1301.800s:2019	Compression resistance of fibreboard boxes (cases)
Filler	AS/NZS 1301.424s:2006	Determination of titanium dioxide in paper, paperboard, pigments and fillers
Flat crush	AS/NZS 1301.429:2017	Flat crush resistance of corrugated board (ISO 5635-5:2003 MOD)
Fold strength	AS/NZS 1301.423:2008 Rec:2019	Folding strength of paper - Kohler-Molin method
Freeness	AS/NZS 1301.206s:2015	Freeness of pulp
Furnish	AS/NZS 1301.451rp:2007 Rec:2017	Fibre furnish analysis
Furnish	AS/NZS 1301.452rp:2006 Rec:2017	Determination of weight factors by the comparison method
Glue bond	AS/NZS 1301.458:2020	Glue bond strength of wetted corrugated fibreboard
Grammage	AS/NZS 1301.405s:2004	Grammage of non-creped paper and board
Gurley	AS 1301.420:2019	Gurley air permeance of paper (ISO 5636-5:2003 MOD)
Handsheets	AS/NZS 1301.203s:2007 Rec:2017	Forming handsheets for physical testing of pulp
Handsheets	AS/NZS 1301.208s:2007 Rec:2017	Physical testing of pulp handsheets
Handsheets	AS/NZS 1301.214s:2007 Rec:2017	Equipment for preparation of handsheets
Handsheets	AS/NZS 1301.466s:2005	Preparation of laboratory sheets for the measurement of diffuse blue reflectance factor (ISO brightness)
Hardness	AS/NZS 1301.445s:2006	Hardness of corrugated board
Hot extraction	AS/NZS 1301.422s:2007	Determination of the pH value of aqueous extracts of paper, board and pulp - Hot extraction method
Immersion	AS/NZS 1301.442s:1998 Rec:2013	Water absorption of solid fibreboard (total immersion)
Indoor daylight	AS/NZS 1301.515:2017	Measurement of diffuse radiance factor (diffuse reflectance factor) - Indoor daylight conditions (ISO brightness)
Indoor daylight	AS/NZS 1301.530:2016	Determination of colour by diffuse reflectance: Indoor daylight conditions (C/2 degrees)
Indoor illumination	AS/NZS 1301.540:2016	Determination of colour by diffuse reflectance: Indoor illumination conditions (D50/2 degrees)
Indoor illumination	AS/NZS 1301.555:2017	Determination of CIE whiteness, C/2 degrees (indoor illumination conditions)

<u>Keyword</u>	<u>AS/NZS Standard</u>	<u>Title</u>
Infrared	AS/NZS 1301.560:2016	Determination of the effective residual ink concentration (ERIC number) by infrared reflectance measurement
ISO Brightness	AS/NZS 1301.466s:2005	Preparation of laboratory sheets for the measurement of diffuse blue reflectance factor (ISO brightness)
Kappa number	AS/NZS 1301.201s:2002 Rec:2013	Kappa number of pulp
Klason	AS/NZS 1301.011:2018	Klason lignin in wood and pulp
Kohler-Molin	AS/NZS 1301.423:2008 Rec:2019	Folding strength of paper - Kohler-Molin method
Kubelka-Munk	AS/NZS 1301.545:2018	Determination of light scattering and absorption coefficients (using Kubelka-Munk theory) (ISO 9416:2017 MOD)
Latency	AS 1301.215:2019	Removal of latency
Light scattering	AS/NZS 1301.545:2018	Determination of light scattering and absorption coefficients (using Kubelka-Munk theory) (ISO 9416:2017 MOD)
Lignin	AS/NZS 1301.011:2018	Klason lignin in wood and pulp
Lignin	AS/NZS 1301.201s:2002 Rec:2013	Kappa number of pulp
Liner	AS/NZS 1301.430:2019	Liner adhesion of corrugated board
Loading	AS/NZS 1301.404s:1998 Rec:2013	Tensile strength of paper and board (constant rate of loading method)
Moisture	AS/NZS 1301.010s:2007 Rec:2017	Determination of moisture in wood chips
Moisture	AS 1301.457:2020	Determination of moisture content in paper, board and pulps
Monitoring	AS 1301.402:2019	Statistical monitoring of test systems
Monitoring	AS/NZS 1301.415s:2008 Rec:2019	Standard atmosphere for testing paper and board and procedure for monitoring the atmosphere
Opacity	AS/NZS 1301.525:2016	Determination of opacity (paper backing) - Diffuse reflectance method
Outdoor daylight	AS/NZS 1301.520:2016	Measurement of diffuse radiance factor (diffuse reflectance factor) - Outdoor daylight conditions (D65 brightness)
Outdoor daylight	AS/NZS 1301.535:2016	Determination of colour by diffuse reflectance: Outdoor daylight conditions (D65/10 degrees)
Outdoor daylight	AS/NZS 1301.550:2017	Determination of CIE whiteness, D65/10 degrees (outdoor daylight)
Paper	AS/NZS 1301.400:2016	Determination of tearing resistance - Elmendorf method
Paper	AS 1301.403:2019	Bursting strength of paper
Paper	AS/NZS 1301.404s:1998 Rec:2013	Tensile strength of paper and board (constant rate of loading method)
Paper	AS/NZS 1301.414s:2006 Rec:2017	Conditioning of paper for testing
Paper	AS 1301.457:2020	Determination of moisture content in paper, board and pulps
Permeance	AS 1301.420:2019	Gurley air permeance of paper (ISO 5636-5:2003 MOD)
Permeance	AS/NZS 1301.440:2016	Determination of air permeance (medium range) - Bendtsen method
Permeance	AS/NZS 1301.447:2016	Determination of air permeance (medium range) - Sheffield method
PFI Mill	AS/NZS 1301.209:2017	Laboratory processing of pulp - PFI mill method
pH	AS/NZS 1301.421:2008	Determination of the pH value of aqueous extracts of paper, board and pulp - Cold extraction method
pH	AS/NZS 1301.422s:2007	Determination of the pH value of aqueous extracts of paper, board and pulp - Hot extraction method
Physical testing	AS/NZS 1301.203s:2007 Rec:2017	Forming handsheets for physical testing of pulp
Physical testing	AS/NZS 1301.208s:2007 Rec:2017	Physical testing of pulp handsheets
Pigment	AS/NZS 1301.424s:2006	Determination of titanium dioxide in paper, paperboard, pigments and fillers
Processing	AS/NZS 1301.209:2017	Laboratory processing of pulp - PFI mill method
Pulp	AS/NZS 1301.011:2018	Klason lignin in wood and pulp
Pulp	AS/NZS 1301.012:2017	Organic solvent extractives in wood, pulp and paper
Pulp	AS/NZS 1301.203s:2007 Rec:2017	Forming handsheets for physical testing of pulp
Pulp	AS/NZS 1301.204rp:2006 Rec:2017	Estimation of dirt and shives in pulp
Pulp	AS/NZS 1301.206s:2015	Freeness of pulp
Pulp	AS/NZS 1301.208s:2007 Rec:2017	Physical testing of pulp handsheets
Pulp	AS/NZS 1301.209:2017	Laboratory processing of pulp - PFI mill method
Pulp	AS/NZS 1301.210s:2002 Rec:2013	Alkali solubility of pulp
Pulp	AS/NZS 1301.417s:2014	Sampling to determine average quality
Pulp	AS/NZS 1301.418s:2015	Ash content of wood, pulp, paper and board
Pulp	AS/NZS 1301.456s:2006 Rec:2017	Determination of conductivity of aqueous extracts of paper, board and pulp
Pulp	AS 1301.457:2020	Determination of moisture content in paper, board and pulps
Pulp	AS/NZS 1301.459rp:2006 Rec:2017	Zero span wet tensile strength of pulp (ISO 15361:2000, MOD)
Pulp	AS/NZS 1301.466s:2005	Preparation of laboratory sheets for the measurement of diffuse blue reflectance factor (ISO brightness)

<u>Keyword</u>	<u>AS/NZS Standard</u>	<u>Title</u>
Pulp	AS/NZS 1301.520:2016	Measurement of diffuse radiance factor (diffuse reflectance factor) - Outdoor daylight conditions (D65 brightness)
Pulp	AS/NZS ISO 7213:2015	Pulps - sampling for testing
Radiance factor	AS/NZS 1301.510:2016	Measurement of diffuse radiance factor (diffuse reflectance factor)
Radiance factor	AS/NZS 1301.515:2017	Measurement of diffuse radiance factor (diffuse reflectance factor) - Indoor daylight conditions (ISO brightness)
Rate	AS/NZS 1301.419s:2004 Rec:2017	Water vapour transmission rate of paper
Reflectance	AS/NZS 1301.466s:2005	Preparation of laboratory sheets for the measurement of diffuse blue reflectance factor (ISO brightness)
Reflectance	AS/NZS 1301.510:2016	Measurement of diffuse radiance factor (diffuse reflectance factor)
Reflectance	AS/NZS 1301.515:2017	Measurement of diffuse radiance factor (diffuse reflectance factor) - Indoor daylight conditions (ISO brightness)
Reflectance	AS/NZS 1301.520:2016	Measurement of diffuse radiance factor (diffuse reflectance factor) - Outdoor daylight conditions (D65 brightness)
Reflectance	AS/NZS 1301.525:2016	Determination of opacity (paper backing) - Diffuse reflectance method
Reflectance	AS/NZS 1301.560:2016	Determination of the effective residual ink concentration (ERIC number) by infrared reflectance measurement
Reflectance	AS/NZS 1301.565:2016	Determination of transmittance by diffuse reflectance measurement
Residual Ink	AS/NZS 1301.560:2016	Determination of the effective residual ink concentration (ERIC number) by infrared reflectance measurement
Ring	AS/NZS 1301.407:2017	Ring crush test
Roughness	AS 1301.439:2019	Bendtsen roughness of paper and paperboard
Roughness	AS/NZS 1301.441s:1998 Rec:2013	Sheffield roughness of paper and board
Sampling	AS/NZS 1301.013rp:2007 Rec:2017	Sampling of woodchips for testing
Sampling	AS/NZS 1301.417s:2014	Sampling to determine average quality
Sampling	AS/NZS ISO 7213:2015	Pulps - sampling for testing
Sheffield	AS/NZS 1301.441s:1998 Rec:2013	Sheffield roughness of paper and board
Sheffield	AS/NZS 1301.447:2016	Determination of air permeance (medium range) - Sheffield method
Shives	AS/NZS 1301.204rp:2006 Rec:2017	Estimation of dirt and shives in pulp
Short span	AS 1301.450:2019	Compression strength of paper and board - Short span test
Size	AS 1301.014:2019	Size classification of wood chips
Smoothness	AS 1301.439:2019	Bendtsen roughness of paper and paperboard
Smoothness	AS/NZS 1301.441s:1998 Rec:2013	Sheffield roughness of paper and board
Solubility	AS 1301.004:2019	Solubility of wood in boiling water
Solubility	AS/NZS 1301.210s:2002 Rec:2013	Alkali solubility of pulp
Solvent	AS/NZS 1301.012:2017	Organic solvent extractives in wood, pulp and paper
Standard atmosphere	AS/NZS 1301.415s:2008 Rec:2019	Standard atmosphere for testing paper and board and procedure for monitoring the atmosphere
Statistics	AS 1301.402:2019	Statistical monitoring of test systems
Statistics	AS/NZS 1301.460s:2007 Rec:2017	Statistical concepts used in pulp and paper testing
Stock	AS/NZS 1301.207s:2007 Rec:2017	Determination of stock concentration
Tear	AS/NZS 1301.400:2016	Determination of tearing resistance - Elmendorf method
Tensile strength	AS/NZS 1301.404s:1998 Rec:2013	Tensile strength of paper and board (constant rate of loading)
Tensile strength	AS 1301.437:2019	Tensile strength of wetted paper and paperboard
Tensile strength	AS 1301.448:2019	Tensile strength of paper and paperboard (Constant rate of loading)
Tensile strength	AS/NZS 1301.459rp:2006 Rec:2017	Zero span wet tensile strength of pulp (ISO 15361:2000, MOD)
Test systems	AS 1301.402:2019	Statistical monitoring of test systems
Thickness	AS/NZS 1301.426s:2015	Paper and board- Determination of thickness, density and specific volume
Titanium dioxide	AS/NZS 1301.424s:2006	Determination of titanium dioxide in paper, paperboard, pigments and fillers
Transmission	AS/NZS 1301.419s:2004 Rec:2017	Water vapour transmission rate of paper
Transmittance	AS/NZS 1301.565:2016	Determination of transmittance by diffuse reflectance measurement
Water	AS/NZS 1301.442s:1998 Rec:2013	Water absorption of solid fibreboard (total immersion)

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<u>Keyword</u>	<u>AS/NZS Standard</u>	<u>Title</u>
Water	AS/NZS 1301.443:2019	Boiling water resistance of paperboard
Water absorption	AS 1301.411:2019	Water absorptiveness of paper and paperboard (Cobb test)
Water absorption	AS/NZS 1301.442s:1998 Rec:2013	Water absorption of solid fibreboard (total immersion)
Water vapour	AS/NZS 1301.419s:2004 Rec:2017	Water vapour transmission rate of paper
Weight factor	AS/NZS 1301.452rp:2006 Rec:2017	Determination of weight factors by the comparison method
Wet	AS 1301.437:2019	Tensile strength of wetted paper and paperboard
Wet	AS/NZS 1301.458:2020	Glue bond strength of wetted corrugated fibreboard
Wet	AS/NZS 1301.459rp:2006 Rec:2017	Zero span wet tensile strength of pulp (ISO 15361:2000, MOD)
Wood	AS/NZS 1301.002s:2004 Rec:2017	Preparation of wood samples for chemical analysis
Wood	AS 1301.004:2019	Solubility of wood in boiling water
Wood	AS/NZS 1301.010s:2007 Rec:2017	Determination of moisture in wood chips
Wood	AS/NZS 1301.011:2018	Klason lignin in wood and pulp
Wood	AS/NZS 1301.012:2017	Organic solvent extractives in wood, pulp and paper
Wood	AS/NZS 1301.013rp:2007 Rec:2017	Sampling of woodchips for testing
Wood	AS 1301.014:2019	Size classification of wood chips
Wood	AS/NZS 1301.418s:2015	Ash content of wood, pulp, paper and board
Zero span	AS/NZS 1301.459rp:2006 Rec:2017	Zero span wet tensile strength of pulp (ISO 15361:2000, MOD)