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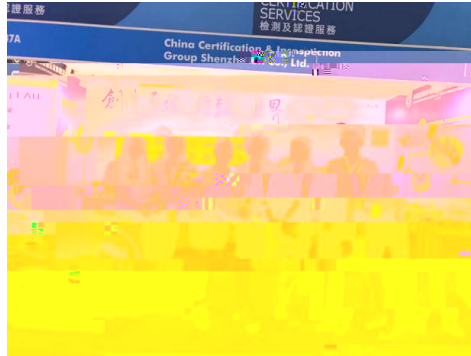
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37

CBTL

2017 10 18 20

NCB UL



CBTL



AS/NZS 3112

Plug-in Power Adapter

AS/NZS 3112:2017 Edition 8th

2017-08-24

AS/NZS 3112:2017 Edition 8th

18

AS/NZS

3112:2011+A1+A2+A3

	AS/NZS 3112:2017	2017-08-24
	AS/NZS 3112:2011+A1+A2+A3	2019-02-24

AS/NZS 3112:2017

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PREFACE

This Standard was prepared by the Joint Standards Australia/Standards New Zealand Committee EL-004, Electrical Accessories to supersede AS/NZS 3112:2011.

Regulatory authorities have accepted a transition period of 18 months for the requirements of particular clauses. In Clause 3.1.2, new requirements have been added. In Paragraphs I2.3, I4.3.1 and I4.8.2 through to I4.8.4.1 of Appendix I, new and previous requirements are included. During the transition period the new requirements as detailed above may be applied to



AU plug

1. **Identify the problem.** The first step in the problem-solving process is to identify the problem. This involves recognizing the issue, gathering information, and defining the problem clearly.

EN 62368-1: 2014+A11

EN 62368-1: 2014

EN60950 - 1/EN60065

EN 62368-1:2014

EN62368-1: 2014+A11



2017 8 30 6 (CPSC)
(16 CFR 1308)

(PP)

(PE)

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EPDM

EVA

(GPPS)

(MIPS)

(HIPS)

(SHIPS)

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2017 9 29

DEHP	0.1%	0.1%	0.1%	0.1%
DBP	0.1%	0.1%	0.1%	0.1%
BBP	0.1%	0.1%	0.1%	0.1%
DINP	---	0.1%	0.1%	0.1%
DNOP	---	0.1%	0.1%	---
DIDP	---	0.1%	0.1%	---
DIBP	---	---	---	0.1%
DPENP/Dn%				

2017 9 6

WTO

G/TBT/N/EU/504

(2009/48/EC)

0.2mg/kg

0.053mg/kg

2018

2019

2009/48/EC

II

13

		0.02 mg/kg	0.005 mg/kg	0.053 mg/kg
		0.02 mg/kg	0.005 mg/kg	0.2mg/kg

2017 10 20

(SCHEER)

2009/48/EC

SHEER

0.03mg/kg

2010 SCHEER

2009/48/EC(TSD) SCHEER

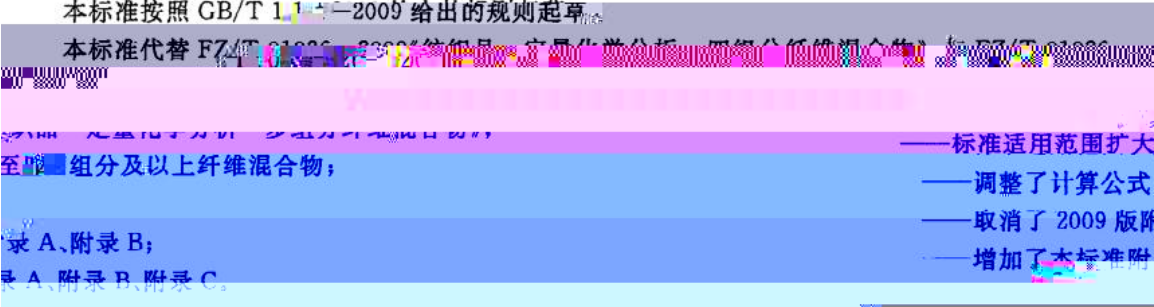
	(mg/kg)	(mg/kg)	(mg/kg)
2009/48/EC(TSD)	5625	1406	70000
SCHEER	2250	560	28130
	SCHEER	EFSA	JECFA

FZ/T 01026-2017

2017	4	12	2017	14	9	11	2017	8
212	FZ/T 01026-2017		FZ/T 01026-2009					
	10	1						
FZ/T 01026-93			1993					
GB 2910			GB 2911					
FZ/T 01026-2009			2010			FZ/T 01026-93		
GB 2911			GB/T 2910-1997			GB 2010		
			GB/T 2911-1997			FZ/T 01026		
			GB/T 2910-2009					



FZ/T 01026-2017 10 1 2009





2009

2017

2009

$$\begin{aligned}P_1 &= 100 - (P_2 + P_3 + P_4) \\r_2 &= \frac{d_1 r_1}{m} \times 100 - \frac{d_1}{d_2} P_3 - \frac{d_1}{d_3} P_4 \\P_3 &= \frac{d_4 r_2}{m} \times 100 - \frac{d_4}{d_5} P_4 \\P_4 &= \frac{d_6 r_3}{m} \times 100\end{aligned}$$

	A	B	C	D
		d ₁	d ₂	d ₃
	—		d ₄	d ₅
	—	—		d ₆

d1 d2 d3 B C D d4 d5 C D C D
d4.2 d5.2 d4=d2 × d4.2 d5=d3 × d5.2 d6 D D d6.3
d6= d5 × d6.3=d3 × d5.2 × d6.3

2017

$$\begin{aligned}P_4 &= \frac{r_3 \times (d_{4,1} \times d_{4,2} \times d_{4,3})}{m} \times 100 \dots \\P_3 &= (d_{3,1} \times d_{3,2}) \times \left(\frac{r_2}{m} \times 100 - \frac{P_4}{d_{4,1} \times d_{4,2}} \right) \\P_2 &= d_{2,1} \times \left(\frac{r_1}{m} \times 100 - \frac{P_3}{d_{3,1}} - \frac{P_4}{d_{4,1}} \right) \dots \\P_1 &= 100 - P_2 - P_3 - P_4 \dots\end{aligned}$$

	A	B	C	D
		d _{2,1}	d _{3,1}	d _{4,1}
	—		d _{3,2}	d _{4,2}
	—	—		d _{4,3}

GB/T 2910 2009

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2009 2017

2009

A	B	C	D	E
	d_1	d_2	d_3	d_4
—		d_5	d_6	d_7
—	—			