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DOUBLEEAGLE INDUSTRY (CHINA) LIMITED XINGDA INDUSTRIAL PARK, CHENGHAI DISTRICT, SHANTOU CITY, GUANGDONG PROVINCE, CHINA

The following samples were submitted and identified by/on behalf of the client as:

RADIO CONTROL TOYS

Item No. : E220-003, E226-003, E227-003, E228-003, E229-003, E230-003, E221-003,

E222-003, E223-003, E224-003, E225-003, E229-003, E232-003, E233-003, E234-003, E250-003, E251-003, E252-003, E253-003, E254-003, E261-003, E262-003, E263-003, E264-003, E265-003, E271-003, E272-003, E273-003, E274-003, E275-003, E350-003, E351-003, E352-003, E353-003, E354-003, E355-003, E356-003, E357-003, E358-003, E362-003, E362-003, E362-003, E511-003, E516-003, E517-003, E518-003, E519-003, E520-003, E521-003, E522-003, E523-003, E524-003, E525-003, E526-003, E527-003, E528-003, E529-003, E547-003, E548-003, E549-003, E550-003, E551-003, E557-003, E558-003, E559-003, E560-003, E561-003, E568-003, E569-003, E563-003, E568-003, E569-003, E568-003, E569-003, E568-003, E568-003, E569-003, E568-003, E568-0

E570-003, E571-003, E572-003

Supplier : DOUBLEEAGLE INDUSTRY (CHINA) LIMITED

Manufacturer : DOUBLEEAGLE INDUSTRY (CHINA) LIMITED

Country of Origin : CHINA

Requested Age Grading : 3+

Sample Receiving Date : MAR 13, 2019

Testing Period : MAR 13, 2019 TO APR 01, 2019



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Test I	Requested	Conclusion
1.	European Regulation (EC) No. 1907/2006 (REACH) Annex XVII and its amendments – Cadmium content	PASS

******* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) ********

Signed for and on behalf of SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch Testing Center

Qu Ping, Kiky Dept. Manager

CNAS Approved Signatory





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Results:

1. Regulation (EC) No. 1907/2006 (REACH), Annex XVII and its Amendments - Cadmium Content

Method: With reference to EN1122: 2001 method B / IEC 62321-5:2013

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES) / Atomic Absorption Spectrometer (AAS)

For Plastic

Test Item(s)			Cadmium (Cd)
Permissible Limit (mg/kg) Specimen Description	Alias No.	Tracing No.	100 Result(s) (mg/kg)
Black plastic (Base, Bodywork, chassis) + Pearl grey plastic (Tower crane) + Yellow plastic (Bodywork)	1	1	ND
2. Laminated paper label w/ multi-color printing (Sticker) + Transparent plastic string (Tower crane) + Black plastic (Cable jacket)	1	2	ND
Red plastic (Wire jacket) + Black plastic (Cable jacket of tractor) + Matt-black soft plastic (Tyre of tractor)	1	3	ND
4. White plastic (Guard bar) + Black plastic (Switch) + Black plastic (Tractor)	1	4	ND
5. White plastic (Bodywork) + Bright white plastic (Accessory) + Chocolate plastic (Wood)	1	5	ND
6. Bright black plastic (Remote control) + Dull yellow plastic (Remote control) + Transparent red plastic (LED)	1	6	ND
7. Black soft plastic jacket (Trailer) + Translucent hot melt glue + Black soft plastic (Tyre)	1	7	ND
8. Cream plastic (Connector) + Bright black plastic (Battery cover) + Grey plastic (wheel, bodywork, connector, hook)	1	8	ND
9. White plastic (Connector, holder, point) + Transparent plastic (Light cover) + Transparent red plastic (Light cover)	1	9	ND
10. Black soft plastic (Mirror) + White rubber (Button) + Black soft plastic (Plug)	1	10	ND
11. Green plastic (Remote control, bodywork) + Dull grey plastic (Tractor) + Light red plastic (Tractor)	1	11	ND
12. White plastic (Gear) + Bright red plastic (Hub) + Transparent orange plastic (Light cover)	1	12	ND
13. Dark grey plastic (Tractor) w/ Translucent plastic (LED) w/ Black plastic (Key)	1	13	ND
14. Dark green plastic (Ash-bin) + Orange-yellow plastic (Garbage truck) + Bright grey plastic (Garbage truck)	1	14	ND
15. Pale grey plastic (Garbage truck) + Dull red plastic (Garbage truck) + Black plastic (Shaft)	1	15	ND
16. Light red plastic (Wire jacket) + Light yellow plastic (Wire jacket) + Black plastic (Wire jacket)	1	16	ND



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Test Item(s)			Cadmium (Cd)
Permissible Limit (mg/kg)			100
Specimen Description	Alias No.	Tracing No.	Result(s) (mg/kg)
17. Transparent plastic (Bottle) + Dull dark red plastic (Remote control) + Bright pearl grey plastic (Bodywork)	1	17	ND
18. Black soft plastic (Stopper) + Black soft plastic (Tube) + Silvery plastic label w/ black printing (Sticker)	1	18	ND
19. Bright dark red plastic (Fire truck) + Transparent blue plastic (Light cover) + Light grey plastic (Cement mixer)	1	19	ND
20. Dull grey plastic (Cement mixer) + Black plastic (Guard bar) + Transparent dark red plastic (Light)	1	20	ND
21. Bright black soft plastic (Tyre of wheel loader) + Bright black plastic (Cable jacket) + Black soft plastic (Trye of rock crawler)	1	21	10
22. Blue plastic (Container truck) + Dull light yellow plastic (Remote control) + Translucent red plastic (LED)	1	22	ND
23. Bright yellow plastic (Rock crawler) + Dull white plastic (Rock crawler) + Off-white plastic (Helmet)	1	23	ND
24. Black plastic (Bearing) + Bright black plastic (Small wheel) + Matt- black plastic (Spoon of excavator)	1	24	ND
25. Black soft plastic (Band of excavator) + Black soft plastic (String of excavator)	1	25	ND
26. Light silvery-grey plastic (Excavator) + Off-white plastic (Holder)	1	26	ND
27. Transparent black plastic (USB) + Black plastic (Plug) + Shiny silvery plastic label w/ black printing (Sticker)	1	27	ND
28. Black plastic (Adaptor) + Matt-black plastic (Adaptor) + Laminated silvery plastic label w/ dark grey, white printing (Sticker)	1	28	ND
29. Black soft plastic jacket w/ white printing (USB) + Deep black soft plastic jacket w/ white printing (Adaptor) + Black soft plastic (SR)	1	29	ND
30. Light orange plastic (Excavator) + Dull silvery-grey plastic (Excavator) + Dull yellow plastic (Gear)	1	30	ND
31. Translucent yellow hot melt glue (Adaptor) + Brown PCB w/ green, white printing (Adaptor) + Translucent cream plastic (Adaptor)	1	31	8
32. Pink plastic (Thick wire jacket) + Green plastic sheet (Adaptor) + Black plastic sheet (Adaptor)	1	32	ND
33. Brown PCB w/ dark green, white printing (Remote control) + Light brown PCB (Under switch) + Dark brown PCB w/ green printing (Remote control) w/ Black material (IC of remote control)	1	33	ND
34. Black plastic (Button) w/ White paper label w/ green coating (Sticker) + Light green plastic sheet w/ black coating (Battery jacket)	1	34	ND
35. Black soft plastic wire jacket (Battery) + Red soft plastic wire jacket (Battery) + Red soft plastic wire jacket (Remote control)	1	35	ND
36. Black plastic (Plug of Battery) + Black soft plastic wire jacket (Remote control) + Bright soft plastic wire jacket (Remote control)	1	36	20
37. Black soft plastic thin wire jacket + Red soft plastic thin wire jacket + White soft plastic thin wire jacket (Rock crawler)	1	37	12



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Test Item(s)			Cadmium (Cd)
Permissible Limit (mg/kg)			100
Specimen Description	Alias No.	Tracing No.	Result(s) (mg/kg)
38. Blue soft plastic thin wire jacket (Rock crawler) + White plastic (Plug, slot) + Black soft plastic thick wire jacket	1	38	ND
39. Brown PCB w/ green, white printing (Rock crawler) + Light yellow PCB (Speaker) + Brown PCB w/ green, white printing, black material (Unit)	1	39	ND
40. Black material (Big IC) + Black material (IC) + Black material (Small IC)	1	40	ND
41. Red soft plastic thick wire jacket + Transparent adhesive plastic tape + Translucent white plastic (LED)	1	41	ND
42. Cream plastic (Motor cover) + Dull cream plastic (Motor cover) + Dark cream plastic (Motor block)	1	42	ND
43. Translucent cream plastic (Motor bushing) w/ White plastic sheet (Motor washer) w/ Red plastic sheet (Motor rotor)	1	43	ND
44. Translucent light red plastic (LED) + Cream plastic (Slot) + Green soft plastic wire jacket	1	44	ND
45. White soft plastic wire jacket + Blue soft plastic (wire jacket) + Red soft plastic wire jacket (Wheel loader)	1	45	ND
46. Cream plastic (Speaker) w/ Transparent plastic sheet (Speaker) w/ Transparent dry glue (Speaker)	1	46	ND
47. Light cream adhesive paper tape + Red soft plastic thick wire jacket (Wheel loader) + Black soft plastic thick wire jacket (Wheel loader)	1	47	ND
48. Cream PCB w/ green printing (Motor) + Pale brown PCB w/ green printing (Tower crane) w/ black material (IR)	1	48	ND
49. Off-white plastic (Motor cover) w/ Green plastic sheet w/ white printing (Electrolytic capacitor)	1	49	ND
50. Black foam sheet w/ adhesive backing (Garbage truck) w/ Matt-black foam w/ adhesive (Remote control)	1	50	ND
51. Transparent red plastic (LED of garbage truck) + Transparent plastic (LED of garbage truck) + Green soft plastic wire jacket (Garbage truck)	1	51	ND
52. Green soft plastic thick wire jacket (Garbage truck) + White soft plastic wire jacket (Garbage truck) + Blue soft plastic wire jacket (Garbage truck)	1	52	ND
53. Blue soft plastic thick wire jacket (Garbage truck) + Black soft plastic ring (Garbage truck)	1	53	ND
54. White soft plastic tube (Garbage truck) + Black soft plastic (Wire jacket) + Green soft plastic thin wire jacket	1	54	ND
55. Light red soft plastic wire jacket + Dull red soft plastic wire jacket + Black soft plastic medium wire jacket	1	55	ND
56. Red plastic (Motor cover) + Dull yellow soft plastic (Wire jacket) + Orange plastic (Motor cover)	1	56	ND



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Test Item(s) Permissible Limit (mg/kg)			Cadmium (Cd) 100
Specimen Description	Alias No.	Tracing No.	Result(s) (mg/kg)
57. Translucent PCB w/ green printing (Motor) + Dull brown PCB w/ green printing (Excavator) + Dark brown PCB w/ dull green, white printing (Remote control)	1	57	ND
58. Cream dry glue (Inner) + Dull green soft plastic thick wire jacket + Dull green soft plastic wire jacket	1	58	ND
59. Translucent cream PCB w/ green, white printing + Cream-yellow PCB (Speaker) + Dull yellow PCB w/ green, white printing	1	59	49
60. Black plastic (Slot) w/ black plastic ring (Plug) + Black plastic (Speaker)	1	60	16
61. Pale yellow soft plastic thin wire jacket + Translucent plastic (LED of cement mixer) + Blue soft plastic thin wire jacket (Dump truck)	1	61	ND
62. Light green soft plastic thin wire jacket (Dump truck) + Red soft plastic thin wire jacket (Dump truck) + Transparent plastic (LED of Fire truck)	1	62	10
63. Brown PCB w/ pink, white printing (USB) w/ Black material (IC of USB) w/ Black material (Diode of USB)	1	63	ND
64. Black rubber (Electrolytic capacitor of adaptor) w/ Cream adhesive paper tape (Adaptor) w/ Black plastic sheet w/ white printing (Electrolytic capacitor of adaptor)	3	1	ND
65. White rubber w/ black layer backing (Button) + Yellow soft plastic wire jacket + Light blue soft plastic wire jacket	3	2	ND



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For Paint on Painted Article

Test Item(s)			Cadmium (Cd)
Permissible Limit (mg/kg)			1000
Specimen Description	Alias No.	Tracing No.	Result(s) (mg/kg)
1. Black coating (Pattern, bodywork, lettering, remote control) w/ blue (Logo), light red (Light) coating	2	1	ND
2. Silvery coating (Remote control, pattern, bodywork) w/ Bright silvery coating (Logo, shaft) w/ White coating (Holder, lettering)	2	2	ND
3. Dark grey coating (Bodywork) w/ Red coating (Light) w/ Pearl grey coating (Fire truck)	2	3	ND
4. Dull grey coating (Fire truck) + Silvery-grey coating (Wheel loader) + Dull dark grey coating (Excavator)	2	4	ND
5. Multi-color coating (Bodywork) + Bright black coating (Bodywork) w/ yellow coating (Light)	2	5	ND

Note:

- Permissible and Reference Limit specified by Commission Regulation (EU) No 494/2011 & Commission Regulation (EU) No 2016/217 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under entry 23 of Regulation (EC) No 552/2009 and directive 91/338/EC).
- mg/kg = milligram per kilogram
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit = 5 mg/kg
- -1% = 10000 mg/kg = 10000 ppm
- The result(s) is (are) calculated using the minimum specimen weight for composite test.



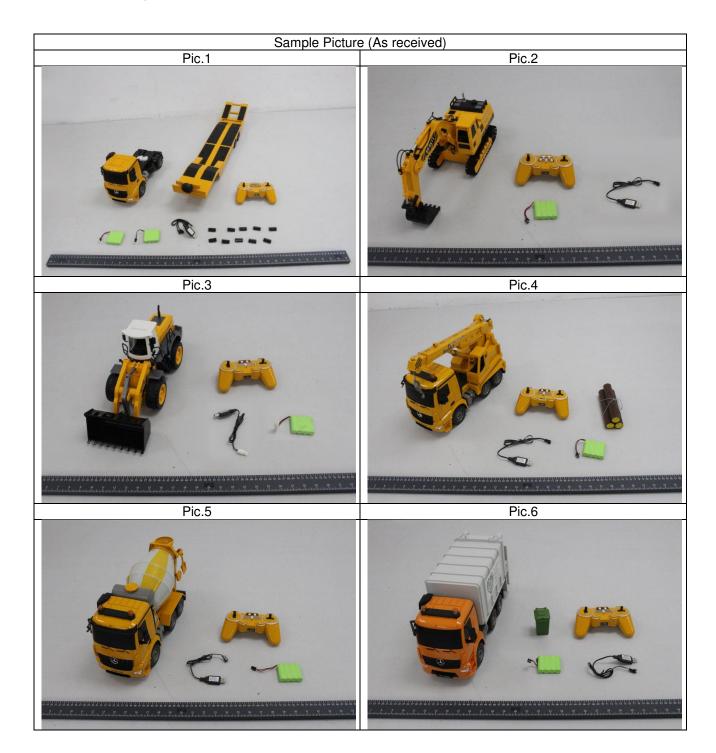
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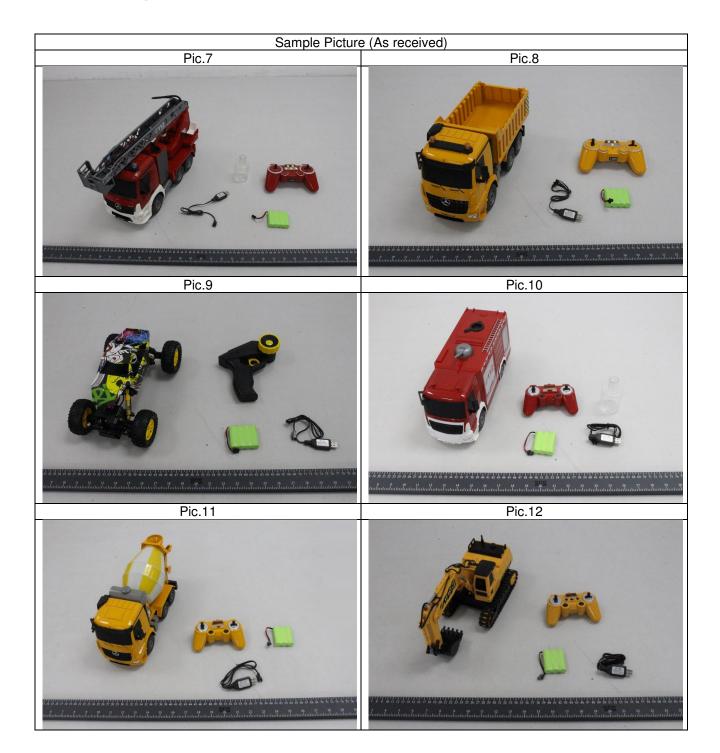




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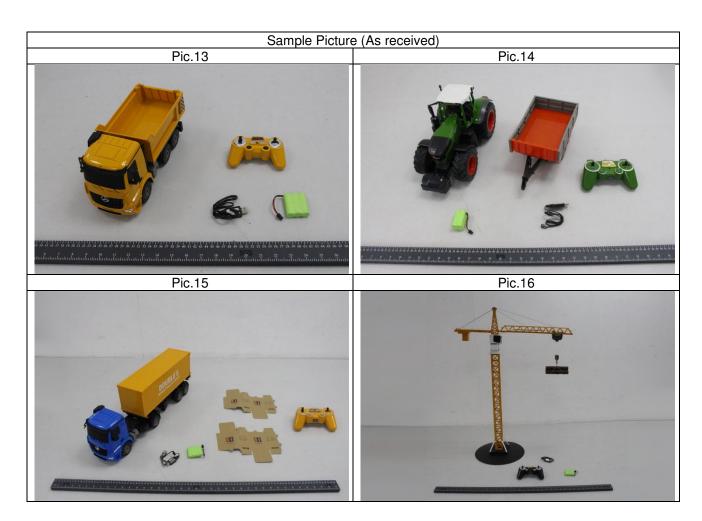
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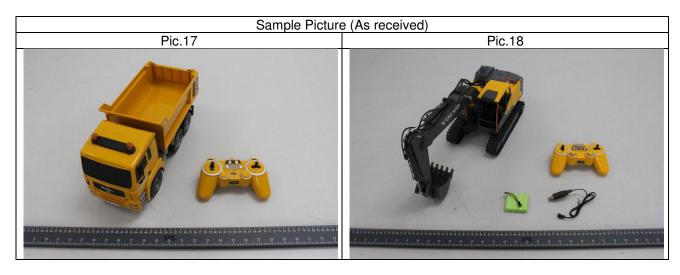


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