

General Inspection Checklist for Wooden Toys

Scope:

A general quality inspection checklist for Plush Toys if clients have not defined their requirement.

Defective Classification

- * **Critical Defect** – Defects which could result in hazardous or unsafe conditions for individuals using or maintaining the product as well as defects contravening legal regulations;
- * **Major Defect** – Function defects reducing the usability or solidity of the product as well as obvious visual defects reducing the sales value of the product.
- * **Minor Defect** – Defects that are unlikely to reduce the use of the product, but nevertheless may influence the sale.

Item Code	Details	Defective classification		
		Critical	Major	Minor
1	Packaging check (For all sample size)			
	Non-conform found	Reject		
2	General appearance (For all sample size)			
	Sharp point and sharp edge (May injure customer)	✓		
	Live insert/ mildew	✓		
	Knives, blades, needles and similar sharp foreign object contamination	✓		
	Incorrect material used		✓	
	Wrong color or style or type		✓	
	Excessive/ unpleasant odor		✓	
	Crack/Chips in glazed parts or component	✓	✓	
	Damaged/incorrect warning/caution label or marking	✓		
	Missing/incorrect other label or marking		✓	
	Deformed, scratched, dirty mark, dent mark		✓	✓
	Small part (for under 36 months)	✓		
	Poor coating, plating, polish		✓	✓
	Hole, Gap, Opening do not comply with standard's requirement, can injure fingers or other parts of the body	✓		
	Shear and compression point between moving part, can injure fingers or other parts of the body	✓		
	Tubes, bars, levers or other similar rigid protruding from the body of toys which constitute a puncture hazard to a	✓		



	child shall be protected			
3	Bar Code verification (3pcs, at least 1 sample/item)			
	Non-conform found	Reject		
4	Data Measurement & On-site Test (3pcs, at least 1 sample/item)			
A	Size check			
	The measured data is out of Spec tolerance range	Reject		
B	Weight check			
	The measured data is out of spec tolerance range	Reject		
C	Tension test			
	Any projection (including the seam) of a toy that a child can grasp with at least the thumb and forefinger or the teeth shall be subjected to this test. Apply a force to pull on eyes/ nose/other similar small parts: For Europe: 50N when the largest accessible dimension is 6mm or less; 90N when the largest accessible dimension is greater than 6mm For USA shipment:			
		0~18 Months	19~36 Months	
	Tension	10 Lb	15 Lb	
	For protective components (Such as plastic cover on tube end) 60N for EN, 15lbs for US The force gradually within 5s and maintain the force for 10s;			
	Any small part, sharp point and edge be found or refer to client's requirement	Reject		
D	Actual use check			
	Actual use the toy as normally (such as full pull on the self-retracting toy for 10 cycles), during the test, should not find any unsafe, malfunction defect, or cannot comply with claiming or client's requirement.	Reject		
E	Unit drop test			
	Freely drop the unit through a height of 850mm onto an EN standard floor (or the floor as client's requirement) 5 times (US shipment: 1380mm, 10tiimes for 0~18months,, 930mm 4times for 19-36months, drop on ASTM standard floor) check the product unit after each drop	Reject		
	Any small part, sharp point and edge be found or failed of function or refer to client's requirement			
F	Stability check			
	Place the unit on a 10degree inclined plane, and load the unit in the most onerous position with a weight of 50kg (25kg for the toy not suitable over 36months child) on its standing or sitting surface. If the toys is intended to bear	Reject		



	the mass of more than one child at a time, test every sitting or standing area reproducing all possible combinations			
	The unit tip over			
G	Plastic film/ poly bag thickness measurement			
	The film thickness is less than 0.038mm;	Reject		
7	Carton drop if application (1 carton/item)			
	Critical defect or malfunction or broken carton cannot be shipped;	Reject		
	Wrinkle carton or slightly visual defect on unite such as slightly scratch or deformation which that does not affect the shipment	Record in report		

Note: Check the product from 50cm distance,
if you can see the defect, then class as a major defect.
if you can't see the defect, then class as a minor defect.

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