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The Development of Toy Safety Regulation in Indonesia

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THE DEVELOPMENT OF TOY SAFETY REGULATION IN INDONESIA

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Outline

- A glance of BSN
- Indonesian National Standard (SNI) related to toy products
- Toy safety issues in Indonesia
- What we have done
- Current condition
- Challenges

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A glance of BSN

- Legal entity
Presidential Decree No. 13 Year 1997
Government regulation No. 102 Year 2000
- Main function → to stipulate Indonesian National Standard (SNI)
- As of June 2009 → 6871 SNI
- 200 SNI → mandatory (related to agriculture, fisheries, food energy and mineral resources, transportation, manufacturing product)
- 327 SNI have been applied voluntarily through certification

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SNI related to toy products

SNI No.	Title	Scope	Requirements
12-6527-1-2001	Toy safety Part 1: Specification of physical and mechanical characteristics	To define specification of physical and mechanical characteristics of toys	~ Cleanliness ~ Toxicology
12-6527-2-2001	Toy safety Part 2: Specification related to flammability characteristics	To establish testing method for flammability characteristics of toys	Test method
12-6527-3-2001	Toy safety Part 3: Specification for transformation of certain elements	To establish quality requirements and testing method for transformation of antimonies, arsenic, cadmium, black tin, mercury and selenium from toy material and its part exclude parts that can not be touched	~ Toy materials other than clay and hand painting ~ model from clay and hand painting
12-6527-4-2001	Toy safety Part 4: Specification for equipments of chemical experiment and related activities	To establish specification for equipments of chemical experiment and related activities	~ chemicals shall be labeled ~ quality of chemicals shall be appropriate to the experiment ~ medium ~ test tube and test tube clamp ~ eyes protection

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Background

- ❖ 122 companies, Production capacity : 42.46 million dozen (2008)
- ❖ Export value: US\$ 188,561 million (2008)
- ❖ Import value: US\$ 122,16 million (2008)
- ❖ World toy market →US\$ 42,6 billion, Indonesia →0,3 % of world needs
- ❖ Relatively high domestic market opportunities
- ❖ Availability of raw materials
- ❖ Availability of labour

Toy Safety Issues in Indonesia

- Flooded by toy products from certain country that containing hazardous material i.e. lead
- Toys market : 85% illegal, 15% legal
- Labeling issue
- Safety issue
- No regulation on toys (based on SNI)
- Existing regulation concerning educative toys (for elementary school, pre-school, and school for special needs) containing qualitative requirements and its use is limited in Ministry of Education
- Demand from institution that are represented consumer to have SNI related toys to be applied mandatory

What we have done

- 2008 study on integrity of SNI
- Conducted in Jakarta
- Method of study: survey, product testing, analysis of testing result, workshop
- 5 samples
- Limited testing
- Result: 5 samples of toy products have met 100 % of heavy metals requirement and 80 % have met the requirements of physical and mechanical characteristics

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What we have done

- 2009 continue to study on integrity of SNI
- Method of study: survey, product testing, analysis of testing result, workshop
- Conducted in Palembang, Banjarmasin, Jakarta, Bogor, Tangerang Bekasi, Semarang, Surabaya, Yogyakarta dan Denpasar, Jayapura, Manado and Makassar
- Tested for 3 SNI
- plastic base and wood base toys
- 46 samples
- Waiting for testing result

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Current Condition

- There are 4 accredited testing laboratories

PT Sucofindo Laboratorium Cibitung	Testing for physical and mechanical characteristics (based on EN 71 ,ASTM 963)
PT Intertek Utama Services	Chemical contain (based on ASTM 963, 1645-94,CFR 16, Consumer product safety and consumer product commission – CPSC, BSEN 1122,1811, 12472)
PT Mattel Indonesia QA Laboratory	testing for physical and mechanical characteristics (based on EN 71) testing for heavy metals (based on EN 71)
Balai pengujian mutu barang ekspor impor	Chemical contain (heavy metals) based on EN 71-1-2001; ASTM F 963-2003

- There are no product certification bodies for toys
- Expensive testing cost

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Challenges

- A variety of toy industry
- Involvement of various technical institution
- Harmonization of SNI with international standard
- Readiness of conformity assessment infrastructure i.e. certification body and testing laboratory
- Readiness of toy industries to implement SNI especially for small/home industries

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Thank you

Further information contact us: sps@bsn.or.id

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