

Thomson-Shore, Inc. CPSIA Compliance Guide

CPSIA became law in 2008 as a reaction to incidents of lead-tainted children's products being sold to consumers. The law narrowed limits of lead and phthalates allowable in children's products and also called for third-party testing, labeling and tracking systems, and safety certifications.

For the past 2 year, while the printing industry as a whole rallied to ask Congress to amend the CPSIA to exclude children books from the stringent environmental regulation, Thomson-Shore maintained its compliance with the regulation.

On August 1, 2011 the CPSIA was amended to exclude children's books and paper-based printed materials from onerous third-party testing and certification requirements now in place for any and all products marketed to children under 12 years of age.

112th Congress (2011-2012)

H.R.2715.ENR

^(5) EXCLUSION FROM THIRD PARTY TESTING-

^(A) CERTAIN PRINTED MATERIALS-

^(i) IN GENERAL- The third party testing requirements established under subsection (a) shall not apply to ordinary books or ordinary paper-based printed materials.

^(ii) DEFINITIONS-

^(I) ORDINARY BOOK- The term 'ordinary book' means a book printed on paper or cardboard, printed with inks or toners, and bound and finished using a conventional method, and that is intended to be read or has educational value. Such term does not include books with inherent play value, books designed or intended for a child 3 years of age or younger, and does not include any toy or other article that is not a book that is sold or packaged with an ordinary book.

^(II) ORDINARY PAPER-BASED PRINTED MATERIALS- The term 'ordinary paper-based printed materials' means materials printed on paper or cardboard, such as magazines, posters, greeting cards, and similar products, that are printed with inks or toners and bound and finished using a conventional method.

^(III) EXCLUSIONS- Such terms do not include books or printed materials that contain components that are printed on material other than paper or cardboard or contain nonpaper-based components such as metal or plastic parts or accessories that are not part of the binding and finishing materials used in a conventional method.

What this means for Thomson-Shore, and its customers is; we are not required to certify with each shipment that this product has been tested by an accredited third-party and that the lead and phthalate content are within the limits of the regulation. This doesn't mean that we no longer comply with the standard for tracking label requirements and meeting the requirements for lead and phthalate. What the new law means is that we don't have to test to prove that we are in compliance. Under this law, the law makers were reminded that printing & graphic communications industry's products are sustainable, safe and leading edge when it comes to environmentally-sound manufacturing.

The definition of "Ordinary Book" has been changed under this amendment to include that books intended for children 3 years of age or younger with an inherent play value would not be exempt from the testing and certification requirements. If and when we manufacture books for his intended audience group, we will be required to test and certify each shipment in accordance with the regulation.

Thomson-Shore has had several books tested by NSF, an approved accredited third-party testing site and found that our product is below the regulated requirements for both total lead and phthalate.

<i>Type</i>	<i>When do products need to comply?</i>	<i>Compliance Status?</i>	<i>Enforcement Date.</i>
Total Lead by weight Lead 100 ppm (substrates)	August 14, 2011	Yes, test results were 10 ND, meaning no lead was detected.	August 14, 2011
Phthalate Contents limit to 0.1% of total weight	August 14, 2009	Yes, test results indicate Phthalate Contents <0.005%	Stayed until further notice
Tracking Labels	August 14, 2009	Yes, the following information to be added to the copyright page. <i>“Printed by Thomson- Shore, Dexter, MI U.S.A.; Job #, Production Date”</i> .	August 14, 2009.
Reasonable Testing and Testing Program		Excludes “ordinary books”	
General Conformity Certificate Requirement (Electronic and with each shipment)		Excludes “ordinary books”	

Section 101: Lead Contents **Lead 100ppm**: 4-books were chosen to be tested by a third-party accredited laboratory for total Lead and Phthalate contents. These books contained all of the possible processes in manufacturing a book. The results conclude lead content to be non-detected.

Section 108: Phthalates **Phthalate Contents limit of 0.1% of total weight**. 4-books were chosen to be tested by a third-party accredited laboratory for total Lead and Phthalate contents. These books that were chosen contains all of the possible processes in manufacturing a book. The results conclude Phthalates content to be less than <0.005 % of the weight.

Section 103 (a) Tracking Labels **Tracking Labels: Section 103(a)** of the new law requires manufacturers to have a tracking label or other distinguishing permanent mark on any consumer product primarily intended for children twelve and younger. The tracking label must contain certain basic information, including the source of the product, the date of manufacture and more detailed information on the manufacturing process such as a batch or run number. Congress modified the requirement for tracking labels with the phrase **“to the extent practicable”** recognizing that it may not be practical for permanent distinguishing marks to be printed on small toys and other small products that are manufactured and shipped without individual packaging.

Thomson-Shore will add the following tracking information to the copyright page: *“Printed by Thomson-Shore, Dexter, MI U.S.A.; Job #, Production Date”*.

If Thomson-Shore is notified, by the customer after the job has been pressed, that the job requires certification to the CPSIA, a permanent label will be affixed to the book including the following information: “Printed by Thomson-Shore, Dexter, MI U.S.A.; Job #, Production Date”. If the job has been shipped, the customer will be asked to return the shipment to Thomson-Shore, where TS will affix permanent label to the book as stated above. Fees may apply.

The books manufactured by Thomson-Shore, Inc., that are designed or intended for the “primary” use of a child, 3 years of age or younger that has an inherent play value, meet the current requirements and contain:

- Less than 100ppm of lead.
- Less than 0.1%/1.000ppm of the phthalates DEHP, DBP, BBP

- Less than 0.1%/1.000ppm of the phthalates DINP, DIDP, DnOP, DnHP (CA requirement)

Section 102: General Conformity/Testing **Reasonable Testing and Assurance Program**

- Testing frequency will be determined by the CPSIA. Until ruling is made Thomson-Shore will determine the frequency based on intended purpose of the book (children 3 years of age or younger, with play value), the laboratory test results, further ruling from the CPSC regarding the Consumer Product Safety Improvement Act of 2008, and changes in any of the following components or material:
 - Spot or PMS Inks
 - Saddle stitching wire
 - Non-animal based glues that are accessible (N/A)
 - Metal coils both coated and uncoated for coil bound material
 - Foils used in foil stamping
 - Plastic coils for coil bound materials
 - Laminates
 - UV Inks

Section 102: General Conformity/Testing **General Conformity Certification (December 31, 2011)**

When a Customer identifies that the purchase request is to manufacture a “children’s product”, a “*books with inherent play value, books designed or intended for a child 3 years of age or younger include any toy or other article that is not a book that is sold or packaged with an ordinary book*”, as defined by CPSIA, we will be required to provide to the customer a Certification Letter to the Consumer Product Safety Improvement Act of 2008. This letter will ensure compliance with Section 101: Lead Contents; Section 103 (a) Tracking Labels; Section 102: General Conformity/Testing and Section 108: Phthalates of the Standard. This certification letter will be sent directly to the customer when your job is shipped.

Updated: January 25, 2010 revision 1 July 27, 2010; rev 2 February 3, 2011; Rev 3 July 19, 2011; Rev 4, August 17, 2011

X:\ET\Safety\CPSIA\CPSIA Compliance and Testing Timetable updated August 2011.doc