United States CONSUMER PRODUCT SAFETY COMMISSION Washington, DC 20814

OFFICE OF INSPECTOR GENERAL

Follow-Up Review of the Consumer Product Safety Commission's Laboratory Accreditation Program

TABLE OF CONTENTS/ABBREVIATIONS

Executive Summary	1
Background	1
Management's Response	2
Findings	3
Appendix I: Objective, Scope, and Methodology	11

ABBREVIATIONS

CIGIE	Council of Inspectors General on Integrity and Efficiency
CPSC	Consumer Product Safety Commission
CPSIA	Consumer Product Safety Improvement Act
EXIP	Office of International Programs and Intergovernmental Affairs
GAGAS	Generally Accepted Government Audit Standards
ILAC	International Laboratory Accreditation Cooperation
ISO	International Organization for Standardization
OIG	Office of Inspector General

EXECUTIVE SUMMARY

On August 14, 2008, the "Consumer Product Safety Improvement Act of 2008" (CPSIA) was signed into law. The CPSIA constituted a comprehensive overhaul of consumer product safety rules, and significantly impacted nearly all children's products entering the United States market.

In relevant part, the CPSIA imposed a third-party testing requirement on all consumer products primarily intended for children twelve years of age or younger. Every manufacturer (including an importer) or private labeler of a children's product must have its product tested by an accredited independent testing laboratory and, based on the testing, must issue a certificate that the product meets all applicable Consumer Product Safety Commission (CPSC) requirements. The CPSC was given the authority to either directly accredit third party conformity assessment bodies (hereafter referred to as "third party laboratories") to do the required testing of children's products or to designate independent accrediting organizations to accredit the testing laboratories. The CPSC is required to maintain an up-to-date list of accredited labs on its web site. The CPSC has authority to suspend or terminate a laboratory's accreditation in appropriate circumstances and is required to periodically assess whether or not laboratories should continue to be accredited. The third-party testing and certification requirements for children's products are phased in on a rolling schedule. The statute requires the CPSC to issue laboratory accreditation regimes for a variety of different categories of children's products.

Inspector General Review: The CPSIA also requires that the CPSC Office of Inspector General (OIG) conduct reviews of the adequacy of the procedures the CPSC has established for accrediting conformity assessment bodies and overseeing the third party testing required by the CPSIA (henceforth this program will be referred to as "laboratory accreditation"). This report summarizes the results of the first two of those reviews.

The original review conducted focused on two specific areas. First, it evaluated if internal controls were adequately designed and properly executed in the management of the laboratory accreditation program. Second, it assesses the CPSC's compliance with the the CPSIA in its operation of its conformity assessment program. The review found that although the agency had done a remarkable job in many respects of implementing its new responsibilities under the CPSIA there was still room for improvement in a number of areas.

This year's review follows-up on last year's to ensure that the corrective actions management indicated they were going to be taken were in fact taken. This review was completed in accordance with the Quality Standards for Inspections issued by the Council of Inspectors General on Integrity and Efficiency's (CIGIE) Inspection and Evaluation Committee and not the Generally Accepted Government Audit Standards (GAGAS) standards issued by the Government Accountability Office.

Background: The CPSC quickly determined that it lacked the necessary infrastructure to directly accredit the testing laboratories. So, in order to leverage its available resources, the CPSC decided to utilize an independent accrediting organization to accredit the testing laboratories. The requirements for CPSC recognition include that the laboratory be accredited by

1

¹ As authorized by section 14(a)(3) of the Consumer Product Safety Act (CPSA)

a laboratory accreditation body that is a signatory to the International Laboratory Accreditation Cooperation (ILAC) Mutual Recognition Arrangement (MRA); the laboratory scope of accreditation must include the test methods required by CPSC laws and regulations; and the laboratory must apply to the CPSC for recognition and must agree to fulfill the requirements of the CPSC program.

In implementing the CPSIA in general and the laboratory accreditation program in specific the CPSC faced challenges created by both the requirement that it promulgate rules within mandatory timelines and the complex scientific, technical, and procedural issues surrounding said rules. For example, the first in the series of rules dealing with laboratory accreditation (not a subject traditionally within CPSC jurisdiction) needed to be promulgated within 30 days of the enactment of the CPSIA.

The CPSIA expanded both the authority and the responsibilities of the CPSC. Prior to the passage of the CPSIA the agency had never participated in the accreditation of laboratories, much less been faced with the daunting task of developing a program to accredit laboratories and oversee their testing of certain consumer products. The CPSIA established an aggressive regulatory agenda and set deadlines to ensure that results were achieved in a timely fashion. The aggressiveness of the CPSIA has had both positive and negative effects on the agency. It has spurred on a greater degree of regulatory activity than would have existed without the passage of the act. At the same time, it established implementation timelines that required the CPSC to move at a pace that the agency has not always been able to accommodate.

Results in Brief of the Original Review: The OIG found that although CPSC management had done a remarkable job of creating a laboratory accreditation program out of whole cloth, at the time field work was being done, there were areas of the program that could be improved. In particular, perhaps because of the rate at which the program was created, written policies and procedures were often lacking, certain aspects of the review process appear to be subjective, and internal control design was weak in some aspects of the program's management. The agency began taking aggressive measures to address a number of the findings detailed in that report even before the report was issued.

Results in Brief of the Current Review: The follow-up review found that prior to the current review corrective actions had been taken on all seven recommendations in the original review report. Recommendations one through five had been fully implemented prior to the commencement of this review and should be considered closed. Recommendations six and seven are ongoing recommendations and not subject to being closed. During the course of this review, with the exception of the two "ongoing" recommendations, management took steps to close out all the remaining recommendations and bring the CPSC into compliance with federal and agency regulations.

Management Response: CPSC management agreed with all of the findings made in this review.

RESULTS OF THE REVIEW

Prior Finding 1. No Published Methodology or Detailed Criteria had been Developed for the Evaluation of Government Labs

We found that there was neither a published methodology nor a detailed criteria established for the evaluation of government labs. The criteria for evaluating third-party and firewalled labs was spelled out fairly clearly and available to the public at the CPSC web site. However, no such criteria had been published for government controlled labs and it appeared that no such criteria existed, at least in a written form.²

As a result of the lack of visible criteria, the evaluation of government labs may appear subjective. This may increase the chances that an unsuccessful applicant could successfully challenge the agency's decision as arbitrary and capricious.

Beyond the issue of appearance, the methodology and criteria used for evaluating government-controlled labs was in fact more subjective than the methodology and criteria used to evaluate third-party and firewalled labs. It was determined that at the time of fieldwork no detailed written procedures were in place to standardize the way evaluations of government labs were conducted. Laboratories in one country were asked to respond to a different set of questions than laboratories in another country. These procedures may well have a reasonable and rationale basis, but it is not one that had been committed to writing. A review of the physical application files determined that they contained a variety of documents with little consistency from application package to application package.

General guidance set out in a memo from the Office of International Programs and Intergovernmental Affairs (EXIP) to the Commission dated March 19, 2009 stated, "The number of attestations will depend on the specific case. For example, a single attestation from a senior ministry official might be sufficient in cases where the lab is operated directly by that ministry. A joint venture would likely require attestations from the company operating the lab and from their related government entity."

This might well be good and appropriate general policy guidance, but the agency needs to develop specific guidance on how this policy will be applied to specific cases.

Clearly, some degree of professional judgment will need to be exercised in the evaluation process and a "one size fits all" approach would be counterproductive. However, there should be written criteria documenting the process used and the process itself should be regularized and made as objective as possible. For example, if the CPSC is going to rely on information provided by employees of other Federal agencies, the relationship between the CPSC and those agencies should be formalized in writing.

² The CPSIA establishes the underlying criteria to be evaluated (the existence of "undue influence" etc), but not how that evaluation should take place (independent investigation, information provided by other Federal agencies, etc).

³ Since the completion of field work the agency has made improvements in this area including developing a standard set of questions and requests for documentation that it uses for all governmental lab applicants. See "Response" below.

Prior Recommendation: Develop a baseline or minimum set of documents and requirements that government labs must meet to be accredited. Beyond that, continue to use the current multiperson panel to evaluate applications to minimize subjectivity.

Prior Agency Response: As a result of the OIG's early informal recommendations, the agency has developed a standard set of questions and requests for documentation that it uses for all governmental lab applicants. These standard requests are being published. Requests for information from U.S. missions abroad also have a standard form. All applicants are reviewed using a standardized review document that provides grounds and reasoning for a finding relative to each of the five criteria for governmental labs set forth in the statute. All EXIP staff are being trained in the standard procedures. EXIP does not agree that the relationship between CPSC and other federal agencies providing assistance should be formalized in writing. Other agencies are under no obligation to assist us in our analysis of an applicant and there is no evidence that a formal relationship would result in better information than we currently receive. Feedback from our Embassies and Consulates to date has been extremely helpful. Creating a formal relationship with multiple agencies would, however, create a new demand on our own scarce agency resources and could result in the creation of new bureaucratic procedures without clear benefits.

Actions Taken by Management to Implement Recommendation: The CPSC has developed a standard set of questions and requests for documentation that it uses for all governmental lab applicants. Requests for information from U.S. missions abroad also now utilize standard language. All applicants are reviewed using a standardized review document that provides grounds and reasoning for a finding relative to each of the five criteria for governmental labs set forth in the statute. The agency reports that all EXIP staff have been trained in the standard procedures, but that this training is not formally documented. **Recommendation Closed**

Prior Finding 2. No Policies or Procedures have been Developed to Audit Third Party Laboratories as a Condition for their Continuing Accreditation

The agency does not have written policies or procedures in place for auditing third party laboratories as a condition for their continuing accreditation.

The CPSIA required that no later than 10 months after the date of enactment of the CPSIA, the CPSC should by regulation establish requirements for the periodic audit of third party laboratories as a condition for the continuing accreditation of such bodies. This requirement was to have been completed by June of 2009.

The CPSC does not yet have written withdrawal policies or procedure in place to audit third party laboratories.

As a result, the CPSC has no way of verifying whether or not the third party laboratories that it has accredited in the past are currently complying with the accreditation requirements.

Prior Recommendation: The CPSC should develop and implement written policies and procedures for the audit of third party laboratories.

Prior Agency Response: The CPSC did publish a proposed rule to implement the audit provision in the CPSIA (74 FR 40784 (August 13, 2009)). The final rule is in progress and must be coordinated with a proposed rule that would address third party conformity assessment body requirements, including suspension and withdrawal of accreditation.

Actions Taken by Management to Implement Recommendation: The agency has published a proposed rule to formally establish policies and procedures for the audit of third party laboratories. This proposed rule, 16 CFR Part 1112 was published on May 24, 2012.

Recommendation Closed

Prior Finding 3. Inadequate Monitoring of Certification Expiration Dates

The CPSC lacks documented procedures for monitoring laboratory certification expiration dates. We also observed that whatever "ad hoc" monitoring was taking place was failing to identify laboratories with expired certificates. Our review of the database found seven laboratory certificates that had expired and 16 laboratories that had certificates without expiration dates.

In accordance with section 102(e)(1)(B) of the CPSIA the CPSC may withdraw its accreditation or its acceptance of the accreditation of a third party laboratory if the CPSC finds such laboratory failed to comply with an applicable protocol, standard, or requirement established by the CPSC.

However, the CPSC does not have written procedures to monitor for expired certifications or certificate renewals and instead conducts the checks - which are not documented or recorded - on an ad hoc basis. As a result, the agency failed to identify those laboratories which were out of compliance with applicable protocols due to their certification having expired. Additionally, files were found in which laboratories had been accredited despite failing to provide expiration dates for their certification. These problems were not detected by the agency.

The lack of documented procedures for monitoring certificate expiration dates increases the risk of a laboratory continuing to be recognized by the CPSC incorrectly. As of the end of field work for this review, the list of accredited laboratories on the CPSC website was not reconciled with the accreditation database.

Prior Recommendation: The CPSC should develop and implement procedures for monitoring certification/certificate renewals and detecting expired certifications on a regular basis and maintain records of these reviews. Laboratories with expired certifications should be removed from the accredited laboratory list maintained electronically by the CPSC.

Prior Agency Response: Accreditation bodies across the world have somewhat different conventions on the issuance of an expiration date. These different conventions are within the allowable framework established by the ISO standards and by ILAC, so long as the accreditation body is complying with its designated reassessment schedule for a laboratory. In all cases, the laboratory maintains its accreditation unless there is a formal notice from an accreditation body that a laboratory's accreditation is suspended or withdrawn. The CPSC application process

collects certificate expiration dates for information purposes (for those labs that are issued expiration dates). However, there has not been a case where the absence of an expiration date or the passing of an expiration date has indicated a suspension of accreditation by the accreditation body. While a certificate expiration date may be useful in certain circumstances to trigger a CPSC follow-up with the laboratory, it has been determined that this should not be a stand-alone criteria for the CPSC to remove a laboratory from the "CPSC-accepted" list. The most important factor is that a laboratory has not been formally issued a "suspension or withdraw" by its accreditation body, and therefore is still in good standing with its accreditation body.

Actions Taken by Management to Implement Recommendation: The CPSC has developed an internal standardized operating procedure for both monitoring certification/certificate renewals and detecting expired certifications on a regular basis. They also now maintain records of these reviews. A standardized policy has also been developed for removing laboratories with expired certifications from the CPSC maintained accredited laboratory list after it has have been confirmed that they have had their accreditation suspended or removed by their accreditation body. **Recommendation Closed**

Prior Finding 4. No Written Withdrawal Policies or Procedures for Removing a Third Party Laboratory's Certification

The agency does not have written withdrawal policies or procedures in place for withdrawing a third party laboratory's certification.

The CPSIA contemplates two situations which may lead to the withdrawal of a third party laboratory's certification. In accordance with CPSIA, Section 102(e)(1)(A), the CPSC may withdraw its accreditation or its acceptance of the accreditation of a third party laboratory if the CPSC finds a manufacturer, private labeler, or governmental entity has exerted undue influence on such conformity assessment body or otherwise interfered with or compromised the integrity of the testing process with respect to the certification of a children's product. CPSIA, Section 102(e)(1)(B) states that the CPSC may withdraw its accreditation or its acceptance of the accreditation of a third party laboratory if the CPSC finds such laboratory failed to comply with an applicable protocol, standard, or requirement established by the CPSC.

The CPSC does not have written withdrawal policies or procedure in place to implement either CPSIA, Section 102(e)(1)(A) or (B).

As a result, the withdrawal process is not standardized and runs the risk of not being applied uniformly. Any effort by the agency to withdraw accreditation would run the risk of being found to be arbitrary and capricious by a court if challenged. In addition, it is unclear when and how the CPSC will decide to withdraw its recognition or acceptance of a third party laboratory's accreditation.

Prior Recommendation: The CPSC should develop and implement written policies and procedures for the withdrawing of a third party laboratory's certification.

Prior Management Response: The CPSC is developing a proposed rule that would address third party conformity assessment body requirements, including suspension and withdrawal of accreditation.

Actions Taken by Management to Implement Recommendation: The agency has published a proposed rule to formally establish policies and procedures for the withdrawing of a third party laboratory's certification. This proposed rule, 16 CFR Part 1112 was published on May 24, 2012. **Recommendation Closed**

Prior Finding 5. No Written Policies or Procedures for Reviewing the Employee Training Records Contained in Firewalled Laboratory Accreditation Application Packages

In addition to the baseline accreditation requirements, firewalled laboratories must submit to the CPSC copies, in English, of their training documents. These documents should demonstrate that their employees have been trained that they may notify the CPSC immediately and confidentially of any attempt by the manufacturer, private labeler, or other interested party to hide or exert undue influence over the third party laboratories' test results. This additional requirement applies to any third party laboratory in which a manufacturer or private labeler of a children's product to be tested by the third party laboratory owns an interest of ten percent or more in the laboratory in question.

During our fieldwork we noted that the CPSC was not consistent in applying its standards regarding minimum laboratory employee training requirements and attendance records to its review of Firewall Laboratory Application packages.

No written policy or procedure exists on how to implement the above described requirements. During field work we observed that there was little standardization or uniformity in the evaluation process. As a result, there is a lack of consistent enforcement or implementation of application requirements. For example, not all application packages contained the actual signatures of the employees who allegedly attended the training. The lack of employees' signatures on the training attendance list increases the difficulty of establishing if the listed attendees actually received the training in question.

The management of the Firewalled laboratories are required to provide an ethics phone list to their employees, to allow them to report undue influence, and to indicate that they have done so in their application packages. However, upon review of these packages, some application packages contained copies of the phone list while others did not. Specifically, of eleven (11) firewall applications received by CPSC, seven (7) applications (64%) did not include an ethics phone list as part of the package. As a result, the phone list's existence, much less whether or not it had in fact been provided to the employees, could not be validated.

Prior Recommendation: Develop and implement written policies and procedures that describe what constitutes acceptable training documents and related minimum requirements for Firewalled laboratory application packages.

Prior Management Response: All points in Finding 5 are currently in development and will be presented to the Commission for its consideration in a proposed rule and policies and procedures.

Actions Taken by Management to Implement Recommendation: The agency has published a proposed rule, 16 CFR Part 1112, to formalize the requirement that conformity assessment bodies that apply for CPSC approval as firewalled laboratories must submit to the Commission copies of their training documents, showing how employees are trained to notify the Commission immediately and confidentially of any attempt by the manufacturer, private labeler, or other interested party to hide or exert undue influence over the third party conformity assessment body's test results. This proposed rule also contains descriptions of what constitutes acceptable training documents. **Recommendation Closed**

Prior Finding 6: <u>The CPSC Failed to Meet a Number of Accreditation Timeline Requirements</u>

The CPSIA and related regulations created a number of timeline requirements for the establishment of accreditation requirements. The accreditation requirements for baby bouncers, walkers and jumpers were to be established not later than 210 days after enactment of the CPSIA (i.e. March 12, 2009). All other current CPSC children's product safety rules were to be created not later than 10 months after enactment of the CPSIA (i.e. June 14, 2009). The CPSIA also

required that the CPSC establish by regulation requirements for the periodic audit of third party laboratories as a condition for the continuing accreditation of such bodies. This requirement was supposed to be met not later than 10 months after the date of enactment of the CPSIA.

The CPSC did not publish federal register notices of accreditation requirements for baby bouncers, walkers, and jumpers by March 2009 as required by the CPSIA timeline.

Of the five classes of children's products specifically mentioned in the CPSIA regulation, four of the classes successfully met the timeline requirements and only one class (baby bouncers, walkers, and jumpers) was not posted before the required timeline expired. The rule for infant walkers was posted to the Federal Register in June 2010, 15 months after the CPSIA timeline required.

The following product classes had laboratory accreditation requirements which the CPSC did not post until after the August 2009 deadline set out in the CPSIA.

- Infant bath seats 11 months late
- Clacker balls 8 months late
- Electrically operated toys 8 months late
- Vinyl plastic film 11 months late
- Carpets and rugs 11 months late
- Small carpets and rugs 11 months late

There does not appear to have been a single overarching reason for the agency's not meeting timelines requirements set out in the CPSIA. In some cases (baby bouncers, walkers, and

jumpers) staff has indicated that they desired to produce a "better" rule than had currently existed and chose to place quality over timeliness. In other cases (audit of third party laboratories) staff indicated that the project was simply viewed as having a low priority when considered against the other requirements that needed to be met.

Prior Recommendation: Increase the emphasis on meeting Congressional mandates. Prior Management Response: The CPSIA represents the most substantial change in consumer product safety since the creation of the Agency in 1973. Since August 2008, CPSC staff has worked diligently to implement the CPSIA through rulemaking, enforcement, and other safety standard activities. In 2010 we have completed over 30 rules or other documents required by the CPSIA. The number of completed assignments required by the CPSIA, however, is only a partial accounting of Commission staff's actual workload. For example, in some cases, a statutory requirement under the CPSIA triggered additional work and the need for the Commission staff to issue a proposed rule (before it could issue the CPSIA required final rule), an interpretive rule, a statement of policy, or a guidance document. These other rules and documents constitute an additional 50 items completed since August 2008 (20 items completed in 2009, 30 items completed in 2010). We also held numerous public briefings to help stakeholders understand their obligations under the law, created a special Web site devoted to CPSIA, and responded to thousands of inquiries from affected manufacturers, retailers, resellers, and consumers.

At the same time the CPSC was working on the implementation of the CPSIA it was called upon to deal with two other challenges. Staff resources had to be reallocated to work on the unplanned and unbudgeted drywall problem and in December 2008, the Virginia Graeme Baker Pool and Spa Safety Act (Pool and Spa Safety Act) became effective. In working to implement the Pool and Spa Safety Act CPSC staff participated in Webinars, held meetings, and disseminated information on the Pool and Spa Safety Act to all pool and spa owners, operators, technicians, manufacturers, state and local health officials, and other organizations concerned with children's safety and drowning. CPSC staff inspected over 1,200 public pools and spas in 38 states for compliance with drain cover requirements of the Act. We also entered into a partnership with the Centers for Disease Control to provide states in 2010 with enforcement grants and funded a major information campaign to begin in 2010.

The CPSC did not publish a notice of requirements pertaining to walkers, bouncers, and jumpers in 2009 because, at the time, staff intended to revoke the regulation (see "Revocation of Regulation Banning Certain Baby-Walkers and Similar Products," 74 FR 45714 (September 3, 2009)) and issue a new standard for walkers. However, after publication of the proposed rule to revoke the regulation, CPSC staff reconsidered their position and elected to revoke only those aspects of the rule pertaining to walkers. The issuance of a final rule establishing a new standard for walkers was accompanied by a notice of requirements for walkers ("Third Party Testing for Certain Children's Products; Infant Walkers; Requirements for Accreditation of Third Party Conformity Assessment Bodies," 75 FR 35282 (June 21, 2010)), and CPSC staff intends to issue a notice of requirements pertaining to bouncers and jumpers when it develops final standards for those products.

Actions Taken by Management to Implement Recommendation: The overall pace at which the agency has issued notice of requirements and met other mandates has accelerated since the passage of the CPSIA. FY 11 saw over 13 notices of requirement issued by the CPSC become effective, to include those relating to infant walkers and final rules formalizing the implementation of many of the CPSIA's requirements have recently been implemented. Ongoing

Prior Finding 7. Assurance ILAC Standards Conform to CPSIA Standards

At the time fieldwork was conducted, the CPSC was relying nearly exclusively on ILAC to ensure that the laboratories accredited by the CPSC actually conform to CPSIA standards.

Although the CPSIA (Section 102(a)(1)(3)(C)) does permit the CPSC to accredit third party laboratories directly or through an independent accreditation organization, we still have concerns regarding whether or not the CPSC adequately demonstrated and documented that ILAC standards/test methods conform to CPSIA standards prior to the agency opting to use ILAC as the independent accreditation organization.

Based on our findings it appears that, due to a tight deadline and other resource constraints, the CPSC may be relying too heavily on ILAC's accreditation when determining whether or not to accredit laboratories as being CPSIA compliant.

Prior Recommendation: Consider conducting field visits/onsite inspections or some other monitoring mechanism to verify the validity and quality standards of third party laboratories. Perform these visits on a random basis or when other concerns arise to help limit reliance on the ILAC certification.

Prior Management Response: The IG recommendation to conduct field visits/onsite inspections to "limit reliance on the ILAC certification" is noted and considered an appropriate action for CPSC to take, as circumstances dictate.

Actions Taken by Management to Implement Recommendation: The CPSC has begun conducting site visits at accredited laboratories to "limit reliance on the ILAC certification." However, the ability of the CPSC to carry out such visits on a large scale is severely limited by the resources available. To date, there has been no formal documentation of or guidance issued on conducting these site visits. **Ongoing**

APPENDIX I OBJECTIVE, SCOPE, AND METHODOLOGY

Objective

The objectives of this review included evaluating if internal controls were adequately designed and properly executed in the management of the laboratory accreditation program and determining if the CPSC complied with the terms of the relevant portions of the CPSIA in its operation of its conformity assessment program.

Scope

OIG conducted fieldwork to determine if the CPSC had developed and published requirements for the accreditation of third party laboratories on specified children products, CPSIA mandates, CPSC requirements for meeting accreditation, implemented the proper level of internal controls to accredit third party laboratories and oversee third party testing requirements from May – September 2012.

Methodology

This review was completed in accordance with the Quality Standards for Inspections issued by the Council of Inspectors General on Integrity and Efficiency's (CIGIE) Inspection and Evaluation Committee and not the GAGAS standards issued by the GAO. Fieldwork included interviewing personnel responsible for formulating and publishing the accreditation requirements, reviewing documentation, reviewing the database and recordkeeping, and documenting findings in the work papers and draft/final review report.