

AFSL CONSUMER FIREWORKS FORUM

February 23, 2012



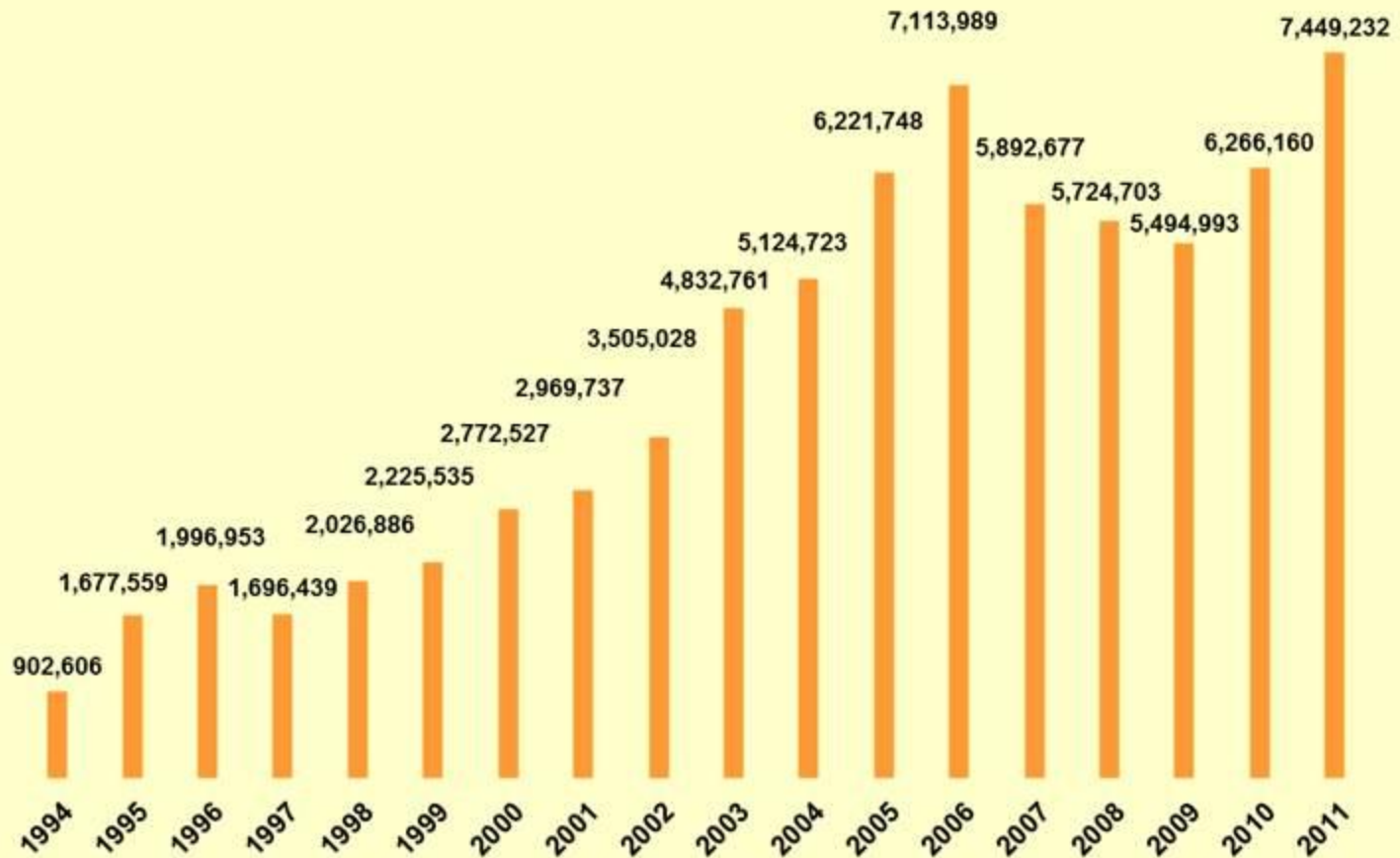
INTRODUCTION

John Rogers, Executive Director

REVIEW OF AFSL TESTING PROGRAM

CASES TESTED BY YEAR 1994-2011

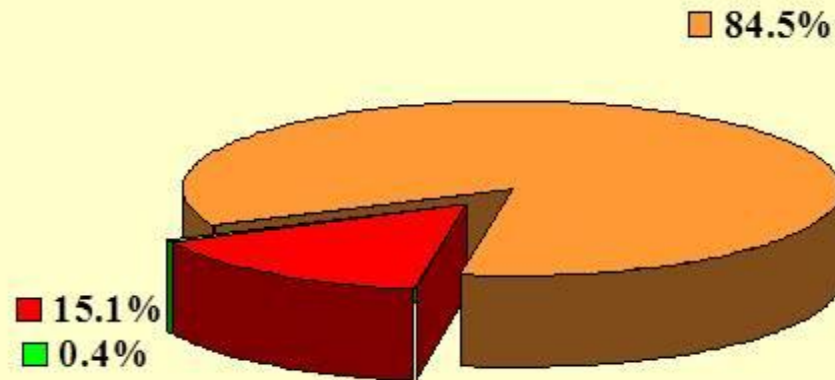
Quality Improvement Program



Regular, Assortment and Component 2011

QUALITY IMPROVEMENT PROGRAM

■ Regular ■ Assortment
■ Component

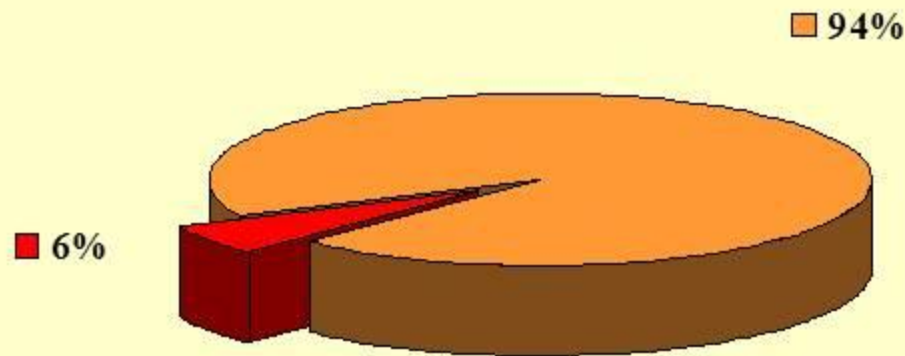


Cases tested for Regular Program: 6294303
Cases tested for Assortment Program: 1123360
Cases tested for Component Program: 31569
Total Cases: 7449232

COMPLIANCE RATE 2011

QUALITY IMPROVEMENT PROGRAM

■ Compliance ■ Non-Compliance

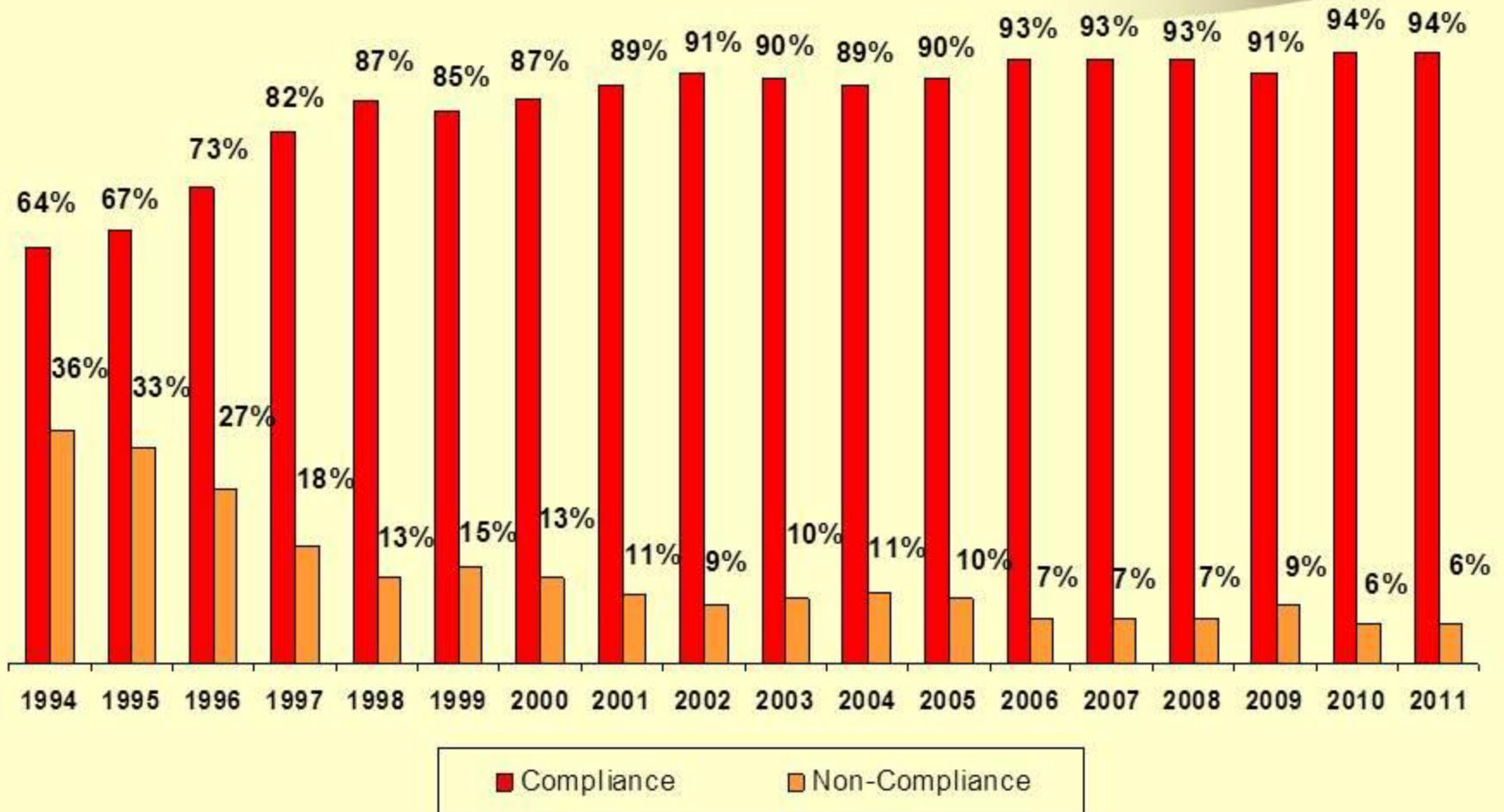


Complying Cases: 7004958(including components 27809 cases)

Non-Complying Cases: 444274(including components 3760 cases)

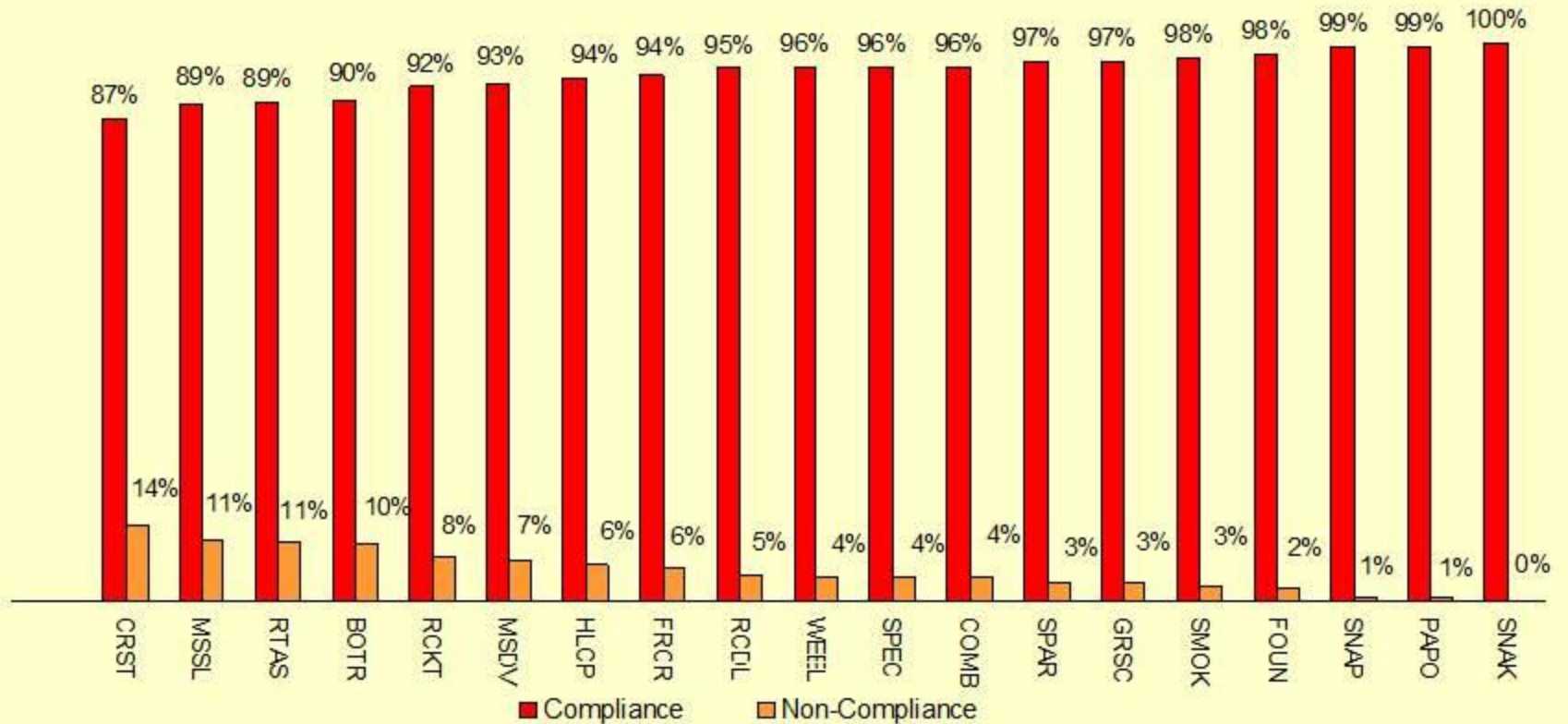
Total Cases: 7449232 (including components 31569 cases)

QIP Compliance Percentage By Year

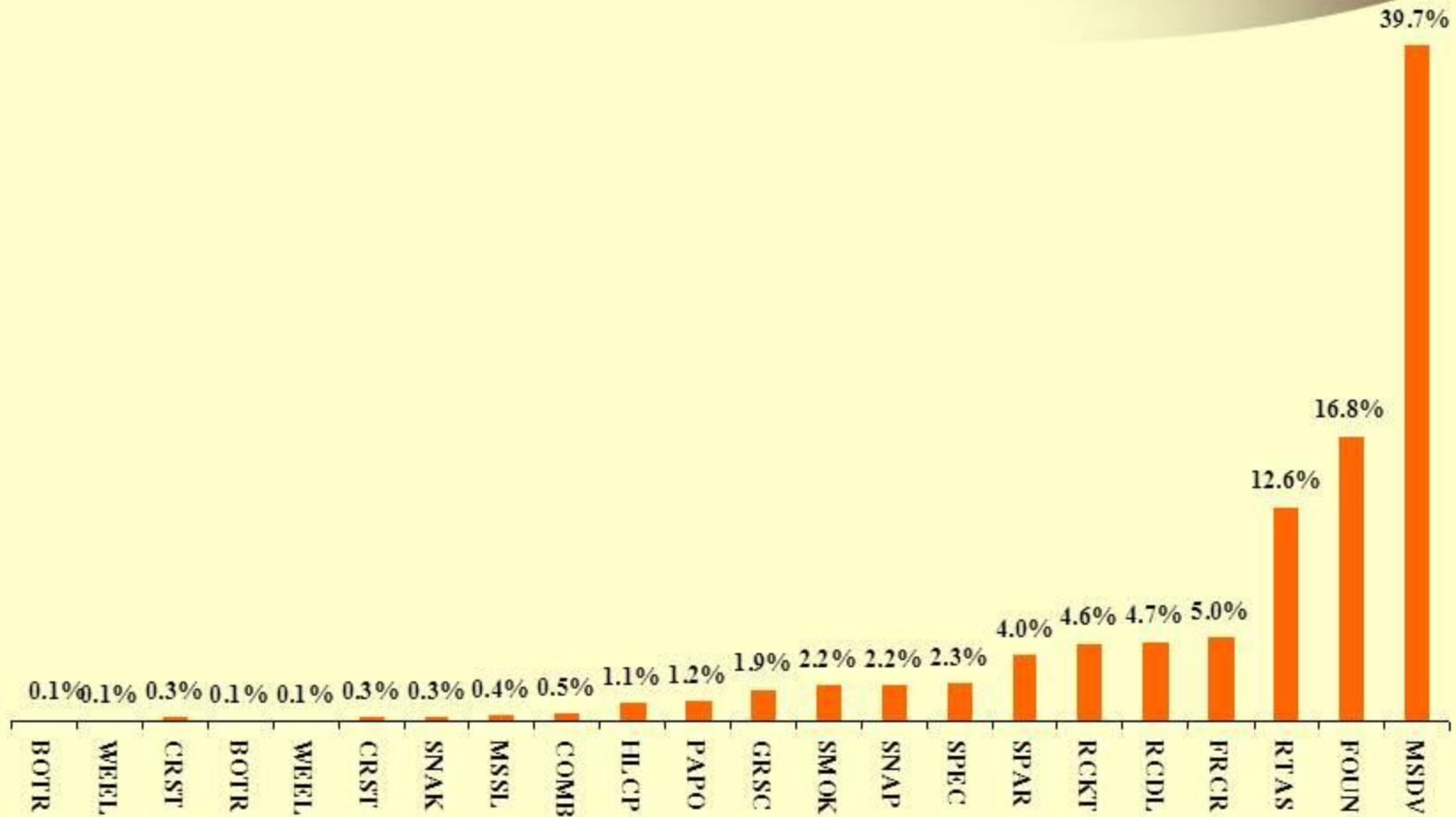


Compliance Rate by Category

2011

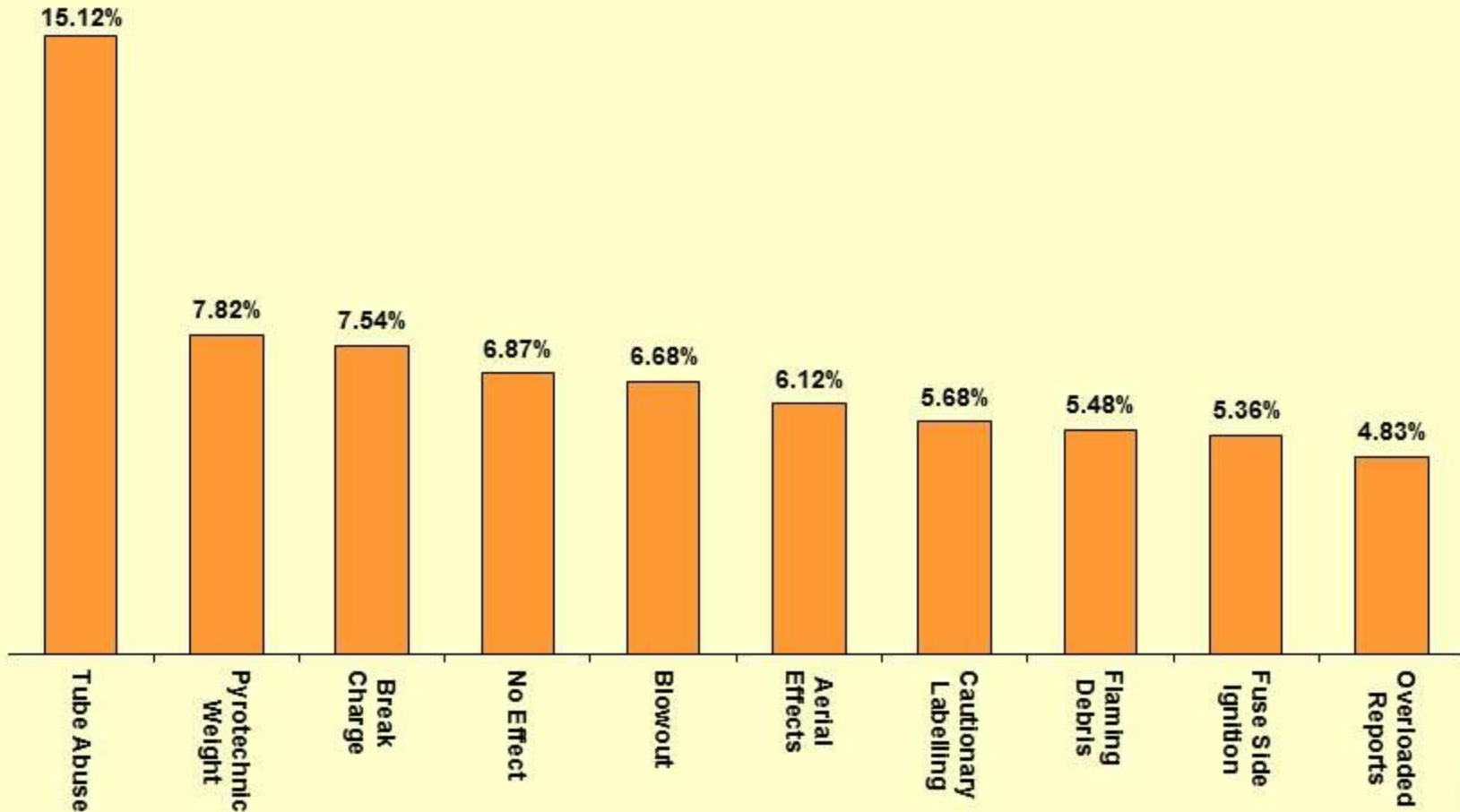


Percentage Testing by Product Category 2011



TOP 10 VIOLATIONS 2011

Percentage of Total Violations



**CPSC CHAIRMAN VISITS CHINA FIREWORKS
INDUSTRY JAN. 8-10, 2012**

China Trip with CPSC Chairman January 8-10, 2012





FIREWORKS SAFETY: A SHARLE









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UPDATE ON AFSL ACTIVITIES



➤ Centralized Testing.

- LiuYang CIQ Centralized Test Site (CTS) has been approved for use by SGS/AFSL!
- We are negotiating with the national and local Police Bureau for transportation permits.
- Target for implementation 01-Jun-2012.

CENTRALIZED TESTING- HOW IT WORKS

- ▶ Sample Collection Team Goes to Factory to Collect/Secure Samples for Transportation.
- ▶ Samples are transported to Central Test Site by SGS.
- ▶ Testing Teams Performs Tests in Controlled Environment.
- ▶ If Complying, Certification Team goes to Factory to Certify Shipment.

ADVANTAGES

- ▶ Greater Efficiency in Resource Allocations – Duties become Specialized.
- ▶ Greater Oversight of Technicians Conducting Testing.
- ▶ Improved Consistency in Test Results among Teams.
- ▶ Reduced Potential for Integrity Issues at Factories.

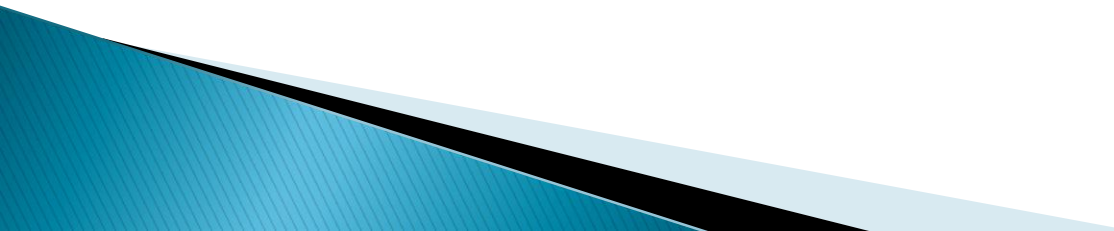
LIMITATIONS

- ▶ Added Transportation Costs.
- ▶ Will Not Cover All Areas Initially.
- ▶ May Extend Turnaround Time By One Day.

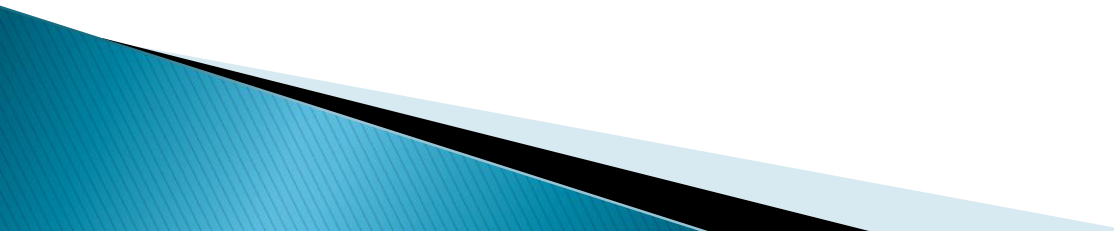
TIMETABLE

- ▶ CIQ Approval Obtained February 2012.
- ▶ Approval of Transport License Expected March/April 2012.
- ▶ Training and Logistics Plan Completed July 1, 2012.
- ▶ Implementation August 1, 2012

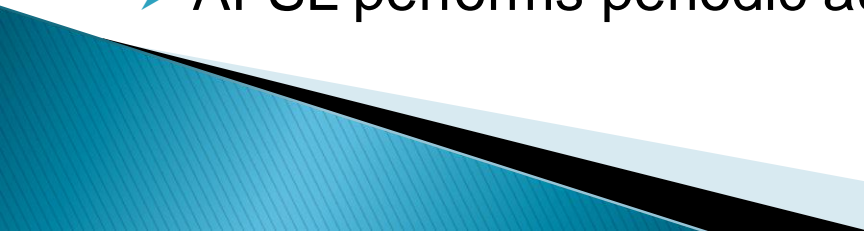
DOMESTIC TESTING PROGRAM

- AFSL/SGS now testing fireworks manufactured or assembled in the U.S.
 - Purpose: Permits importers to certify products to comply with CPSC certification requirements.
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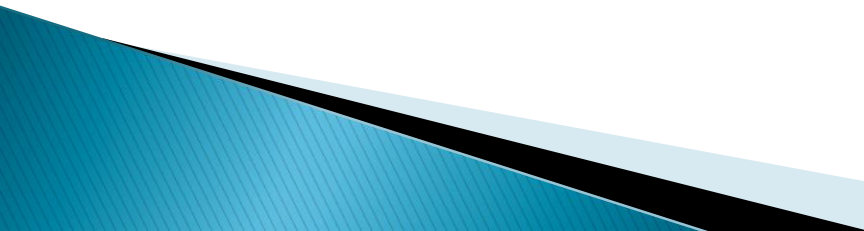
DOMESTIC TESTING PROGRAM

- Program consists of 3 elements:
 - Assortments Assembled from Previously Certified Bulk Fireworks.
 - Finished Fireworks Assembled from Previously Certified Components.
 - Fireworks Fully Manufactured in the U.S.
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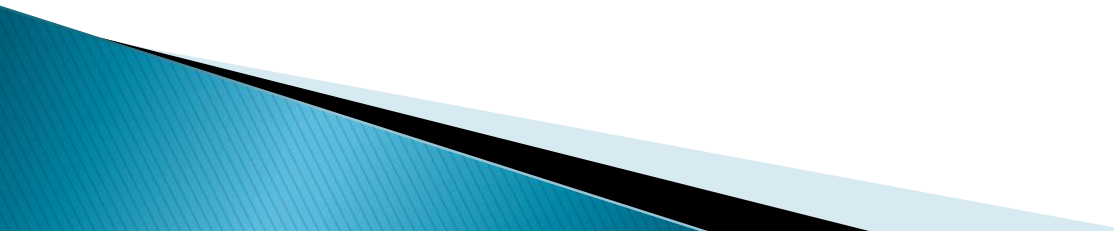
DOMESTICALLY ASSEMBLED ASSORTMENTS

- No additional testing is required.
 - Manufacturer applies previously issued stickers to assortment cartons and enters numbers into Security Log.
 - Manufacturer files Certificate of Compliance in AFSL Database.
 - Assortments are ready for distribution.
 - AFSL performs periodic audits to verify compliance.
- 

PRODUCTS MANUFACTURED FROM COMPONENTS OR FULLY MANUFACTURED IN U.S.

- Additional testing is required.
 - Samples are collected by SGS from the manufacturer's warehouse.
 - Samples are tested by SGS at Tulsa, OK lab.
 - Manufacturer's controller will assign and monitor the application of AFSL Stickers to the finished lot.
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DOMESTICALLY MANUFACTURED PRODUCTS

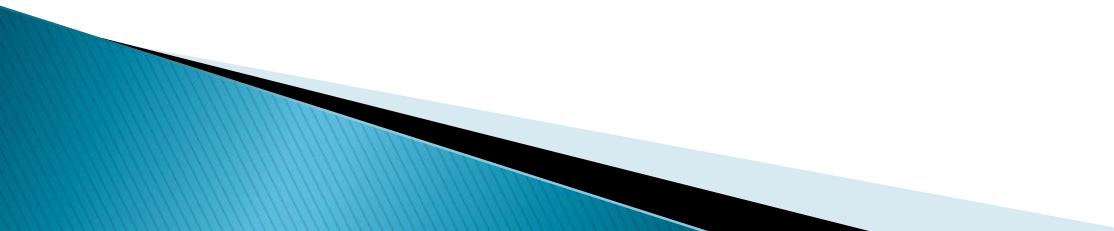
- Manufacturer files Certificate of Compliance in AFSL Database.
 - Finished items now ready for distribution.
 - AFSL performs periodic audits of records and facilities to assure compliance.
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DOMESTIC PROGRAM

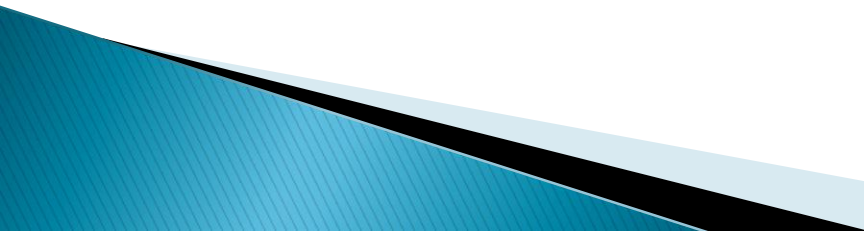
- Three (3) pricing platforms (service based):
 - In-Lab (Fairfield) – fixed case fee
 - USD 0.07 Assortment/ Repack Cases
 - In-Lab (Tulsa) – fixed case fee
 - USD 0.42 Components
 - USD 0.75 Fully Manufactured in U.S.
 - \$150 Sampler fee (per occurrence)
 - Importer On-Site (Tulsa) – manday rate (NEW)
 - \$797.00 per manday for travel time, testing, and reporting.
 - Travel expenses (transportation, lodging, meals = cost)

NEW STANDARDS APPROVED BY THE BOARD

PERMISSIBLE LEVEL FOR BANNED CHEMICAL HEXACHLOROENZENE (PERCHLOROENZENE)

- Add to the list of Prohibited Chemicals for Consumer Fireworks, except in trace amounts not exceeding 0.01% by weight.
 - Implement a Screening Test of 100 random samples.
 - Effective date: January 1, 2012.
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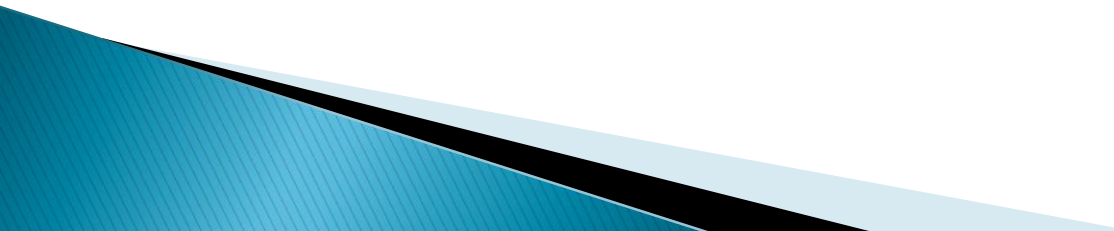
REQUIREMENTS FOR NITROCELLULOSE FOUNTAINS (FOUNTAIN CANDLES OR ICE FOUNTAINS)

- Fit into the category of Fountains or Specialty item depending on the total pyrotechnic weight.
 - 5 grams or less – Specialty;
 - More than 5 grams – Fountains.
 - May use a point of ignition instead of a fuse.
 - Not subject to fuse burn time, fuse side ignition, or fuse attachment.
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REQUIREMENTS FOR NITROCELLULOSE FOUNTAINS (FOUNTAIN CANDLES OR ICE FOUNTAINS)

- Visual effects must not extend beyond 1 meter in length and must not produce a continuous flame longer than 150 mm (6 inches).
- Cautionary label: “Light Tip and Get Away” (Instead of “Light fuse and get away). “For Outdoor Use Only” is mandatory.
- Additional requirement “***WARNING: NOT INTENDED FOR INDOOR USE.***” on Retail Package.

REQUIREMENTS FOR NITROCELLULOSE FOUNTAINS (FOUNTAIN CANDLES OR ICE FOUNTAINS)

- Pyrotechnic Composition Limit: 15 grams.
Items containing more than 5 grams must meet the 2 inch spike length and 4 inch void space requirements for
Fountains.
 - Reminder: Device must have a valid EX# to be accepted for testing.
 - Effective date: March 1, 2012
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INTERNAL AUDIT PROGRAM

▶ PURPOSE

- A. Monitor Integrity of Certification Process
 - Application of AFSL Stickers
 - Authenticity of AFSL Stickers
 - AFSL Lot Identification Stamps
 - Integrity of Shipping Cartons

- B. Assist Importers in Correcting Deficiencies in Program
 - Familiarity with Requirements of Program
 - How to Address untested Lots
 - Assuring Compliance with CPSC Certification Requirements.

- C. Enhance the Integrity of AFSL Certification Process
 - Validate Certification Process in China
 - Demonstrate that Program is Adequately Monitored
 - Enhance Credibility of the Program for Regulatory Authorities

LIMITATIONS OF AUDITS

- No Intent to Assess Penalties for Discrepancies
- Information Collected is Confidential (AFSL Staff Only; No Board Access)
- No Reporting to Regulatory Agencies

OPERATING PROCEDURES

- Phase I -- Initial Audits will Cover Board Members' Companies Only.
- Prior Notice to Individual Companies Required (minimum of one week).
- Audits will be Conducted by AFSL Auditor – Jerry Wingard.

- Multiple Warehouse Locations will be Included in Audits

- Audits Should Not Exceed One Day at each Location

- Information Requested will Include:
 - 1. Randomly Check Cartons for Integrity
 - 2. Randomly Open Cartons to Verify Content
 - 3. Certificate of Compliance Review

- Any Discrepancies will be Pointed out to Importer.
- Written Report Prepared for each Audit.
- Reports will be Reviewed by Executive Director, Sent to Company, and Filed by AFSL.
- Companies may Comment on Contents of Written Report.

Timetable

- A. Presentation of Program by Board of Directors – Feb. 21, 2012.
- Training/Preparation – Mar. 1 to Mar. 23, 2012.
- Initiation of Audits for Director Companies – Mar. 26 to Aug. 24, 2012.
- Review/Assessment of Process – Aug. 27 to Sep. 30, 2012.
- Initiation of General Audit Program – Oct. 15, 2012.

Time Frame		Company	Location
March 2012	Week 4	A	2 locations
		B	1 location
April 2012	Week 1	C	1 location
		D	1 location
	Week 2	C	1 location
	Week 3	A	1 location
	Week 4	A	4 locations
		B	1 location
May 2012	Week 1	E	1 location
		A	1 location
	Week 2	F	1 location
		A	1 location
	Week 3	D	2 locations
		C	1 location
	Week 4	A	1 location
D		1 location	
June 2012	Week 1-4	Open	
July 2012	Week 1	Open	
	Week 2	Open	
	Week 3	G	1 location
		A	1 location
		B	1 location
	Week 4	C	1 location
A		1 location	
August 2012	Week 1	A	2 locations
	Week 2	A	2 locations
	Week 3	A	1 location
Total		7 companies	31 locations

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Questions?



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THANK YOU!

