



Part I

Update on Amendments to the EICG Regulation

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TOXICS INVENTORY AND SPECIAL PROJECTS SECTION

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Presentation Outline

- Part I. Update on Amendments to the Regulation
 - Program Overview
 - Summary of SRP Discussions and Recommendations
 - Current Status

- Part II. Prospective Discussion on Future Updates
 - Proposed Plan for Future Updates
 - Questions for Discussion
 - Next Steps

Program Overview

- Air Toxics "Hot Spots" Information and Assessment Act (AB 2588)
 - Collect emission data
 - Identify facilities having localized impacts
 - Assess health risks and notify nearby residents of significant risks
 - Reduce risks below a health-protective threshold
- Emission Inventory Criteria and Guidelines (EICG)
 - Provide direction to facilities on how to compile air toxics emission data
 - Appendix A includes list of chemical substances that must be reported

SRP's Role in Updating EICG Chemical List

- CARB requested SRP's assistance to review list of proposed chemicals
- SRP provided recommendations on additional chemicals to consider for addition to the list
- Interim Findings letter expressed SRP's support for technical approach

SRP Recommendations

- Review ACGIH, NIOSH & Olson Toxicology Handbooks
- Consider aldehydes, isocyanates, freons and other fluorocarbons
- Consider methylating agents, epoxides and strobins
- Consider rare earth metals
- Support functional group approach
- Support the development of Provisional Health Values

CARB's Actions Reflecting SRP's Input

- Added 114 ACGIH substances and 20 NIOSH substances
- Reviewed and added several isocyanates, rare earth metals, methylating agents and strobins
- Added over 200 individual PFAS substances
- Added provision for public input on adding new chemicals
- Initiated collaboration with OEHHA on the development of provisional health values

Current Status

- Amended chemical list was adopted at CARB's November 2020 Board Hearing
- Additional modifications through 15-day changes
 - Phase-in of the chemical list
 - PFAS chemical list specific to wastewater sector
- Regulatory package is under final review by Office of Administrative Law

Questions on Part I?



Part II

Prospective Discussion on Future Updates

5-Year Cycle for Chemical List Updates

Years 1-3	<ul style="list-style-type: none">• Identify candidate substances, with focus on emerging chemicals• Consult with sister agencies (OEHHA and DPR)
Years 3-4	<ul style="list-style-type: none">• Seek input from the Scientific Review Panel• Begin public rulemaking process
Year 5	<ul style="list-style-type: none">• Continue public engagement• Present amendments to Board for consideration

Timing and Process

- Does the proposed time frame for engaging the Panel (years 3 and 4 of the review cycle) seem reasonable?
- Should we consider making any modifications to the Panel engagement process?

Identifying Emerging Chemicals

- Does the Panel have recommendations on the approach or resources that staff should consider when identifying candidate chemicals for addition to the list?

Expanding the Functional Group Approach

- Does the Panel have recommendations on other classes of functional groups that staff should consider for addition in the next round of updates?

Next Steps

- Develop implementation guidance for amendments becoming effective early 2022
- Initiate work on next round of chemical list updates
- Continue discussions on Provisional Health Values with OEHHA

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