

# ARMA BOD Meeting

## Nov 2019

### Industrial Hygiene Task Force Update

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**GAF**



**ASPHALT ROOFING™**  
MANUFACTURERS ASSOCIATION

# ARMA IH QA/QC Task Force Update

## Purpose

- Enhance company-specific IH programs and exposure control efforts (asphalt fume (AF), respirable crystalline silica (RCS), formaldehyde)
- Characterize industry progress in controlling significant health risk to workers
- Allow evaluation of the feasibility and impact of proposed regulations or standards

## Process

- IH QA/QC Task Force:
  - review of data for compliance with protocols
  - 6 member companies



# ARMA IH QA/QC Task Force Update

## 2019 Activity

- Task force activity restarted late 2018, including new data administrator
- AF and RCS call for data March 2019
- Developed additional data protocol for formaldehyde; approved by EC
- AF and formaldehyde call for data October 2019



# ARMA IH QA/QC Task Force Update

## Company Participation

- 18 member companies have asphalt roofing plants that meet the criteria for AF, RCS, and formaldehyde data submission
- 15 have committed to participation; 14 have submitted data
- 13 submitted for RCS; 14 submitted for AF (13 both)
- 8 companies have submitted formaldehyde data, including all who produce fiberglass mat



# ARMA IH QA/QC Task Force Update

## RCS & AF Data Submission Metrics (as of 11/2019)

### Plant Locations

Protocol	Total Plants	Currently Operating	Data Submitted
RCS	100	86	76
AF	124	104	90

### Total Samples

Protocol	Submitted	Approved
RCS	5371	4212
AF	3244	3210

# ARMA IH QA/QC Task Force Update

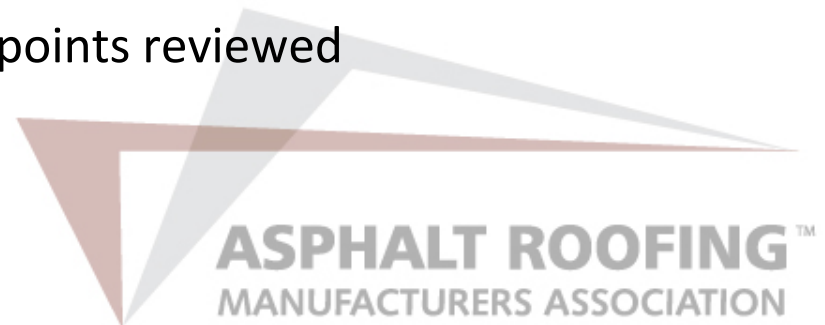
## Most Recent ARMA IH QA/QC Task Force Meetings

### March 2019: AF & RCS call for data

- 4 companies submitted data
- Total Data Points Submitted and Reviewed:
  - RCS: 370 data points
  - AF: 74 data points

### Oct / Nov 2019: AF & Formaldehyde call for data

- AF (7 companies): 398 data points
- Formaldehyde (8 companies): 638 data points reviewed



# ARMA IH QA/QC Task Force Update

## Formaldehyde Added to ARMA IH Database

- Formaldehyde IH Sampling Protocol approved by ARMA IH QA/QC Task Force in 6/2019
- First Formaldehyde data call went out with deadline of 9/06/2019

## Formaldehyde Data Call Response

Number of Samples	Companies Participating	Plants Participating
638	8	39

- 350 data points reviewed, remainder to be reviewed 11/20.
- All of the ARMA companies producing fiberglass mat have submitted formaldehyde data.



# ARMA IH QA/QC Task Force Update

## Path Forward

- Continue accumulation and review of data
- Anticipate forthcoming quarterly submission deadlines
- Finalize data summary format for provision to participating companies
- Use data where approved by ARMA governance

