



ARMA General Committee Session
Asphalt Roofing Recycling Committee Activities Update

3:15 PM to 4:15 PM ET

Co-Chair: Laurand Lewandowski, Owens Corning

Co-Chair: Eileen Dutton, Malarkey Roofing

Discussion Topic	Support Materials
Call to Order Roll Call Antitrust Reminder Chair Welcome Agenda Review and Approval Approval of Minutes	00 - Antitrust Quick Reference 00 - Minutes 08/17/2022
Guidance Documents ARRC Mission ARMA Statement	
Advancing Asphalt Roofing Recycling Asphalt Roofing Recycling Opportunity Measurement Working Group Low-slope Asphalt Roofing Task Force	
Inform and Educate Peer-to-Peer Education Notices and Announcements Educational Documents Lessons from NAPA Case Studies End Market Examples	
Monitor the Regulatory and Legislative Space Extended Producer Responsibility Alternative Use Regulations ICC Energy Codes California Statewide Commission	
Develop Collaboration Gypsum Association Asphalt Institute and AI Foundation	

Construction & Demolition Recycling Association National Roofing Contractors Association National Asphalt Pavement Association	
Other Updates	
Action Item Review Next meeting – September 28, 2022, 1:00 – 2:30 PM ET	
Adjournment	

Zoom Connection Information



Asphalt Roofing Manufacturers Association
Asphalt Roofing Recycling Committee (ARRC)
Virtual Meeting DRAFT Minutes
Wednesday August 17, 2022

Attendance

Allan Lawrence, IKO Production, Inc.
Barb McDonough, CertainTeed LLC
Carter Lea, TAMKO Building Products LLC
David Dibblee, CertainTeed LLC
Eileen Dutton, Malarkey Roofing
Heather Estes, GAF
Helene Hardy Pierce, GAF
Jay Keating, IKO Production, Inc.
Justin Minder, CertainTeed LLC
Kathy Powles, Falcon Green Resources, Inc.
Laurand Lewandowski, Owens Corning
Laurie Jallo, PABCO Roofing Products
Lisa Zentner, Crafcoc Inc
Mark Leo, Owens Corning
Maure Creager, CertainTeed LLC
Nancy Teague, Malarkey Roofing Products
Natalie Nicewicz, BASF
Phil Kehoe, Harsco Environmental
Rick Martelon, Johns Manville
Robert Sheffield, MTi Polyex Corporation
Stacy Johnson, Polyglass USA, Inc.
Stephanie Daniels, Atlas Roofing Corporation
Steven Wadding, Polyglass USA, Inc.
Tom Lecorchick Jr., Bitumar USA

Management Team and Consultant

Reed Hitchcock, ARMA Executive Vice President
Aaron R. Phillips, ARMA Vice President of Technical Services
Miriam Higginbotham, ARMA HSE Director
Shelby Smiley, ARMA Associate Director
Lisa Davidson, ARMA Committee Liaison

Call to Order

Dutton called meeting to order at 1:01PM EDT. Davidson read the roll call and reviewed the ARMA Antitrust Compliance Policy.

Motion to approve the agenda as presented (Estes/Hardy Pierce) carried.

Motion to approve ARRC minutes from July 13, 2022 as presented (Dibblee/Estes) carried.

Inform and Educate (ARMA Members and the Public)

Reducing Greenhouse Gas Emissions: A Guide for State DOTs

Phillips introduced a guide from the National Cooperative Highway Research Program (NCHRP) that is intended to help State DOTs reduce greenhouse gas emissions. Phillips provided members an overview of the web-based guide, highlighted section 14.8 under 'Functional Areas', and pointed out that one of the items discussed in section 14.8 is 'materials with recycled content'. Members were asked for their thoughts about how the guide might inform our work.

Members indicated that work to include RAS in the guide as a recycled material option might be a future undertaking. A member highlighted definitions published in a Federal Highway Administration April 2016 technical brief that indicate asphalt shingles are still often characterized as waste. (Link to the technical brief: <https://www.fhwa.dot.gov/pavement/sustainability/hif16012.pdf>.)

Technical Bulletin Update

Phillips alerted members that the July 2022 edition of the *Asphalt Shingle Recycling* bulletin, which contains information from the latest NAPA survey, is available on ARMA's website. Phillips provided an overview of the changes made to the document.

End-market Examples

Dust Control – Len's Hauling, Muenster, Saskatchewan

Phillips informed members that "End-market Examples" is a new addition to the 'Inform and Education' agenda section. This topic area will highlight end markets for recycled asphalt roofing materials beyond use in pavement.

Phillips provided an overview of Len's Hauling, which focuses on use of RAS for dust control. Members engaged in a discussion about the benefits of recycled shingles for dust reduction on gravel roads.

Advance Asphalt Roofing Recycling

ARRC Measurement Working Group

Phillips alerted members that two groups have officially been created under the ARRC umbrella. The ARRC Measurement Working Group will develop a baseline and measurements that can be used to show progress regarding ARMA's recycling statement. Phillips indicated the working group will meet regularly to complete their tasks and then meetings will take place on an as needed basis. Members are still welcome to join this working group, which will hold its first meeting during the Baltimore ARMA Committee Meetings series.

Low-Slope Asphalt Roofing Recycling

Phillips alerted members that this task force has been created and provided an overview of the task force focus. Phillips indicated that this task force will meet regularly on an on-going basis. A member offered a link to Sky Quarry for possible consideration by the Low-Slope Asphalt Roofing Recycling Task Force.

Monitor Regulatory and Legislative Space

EPR Regulations

Status of Active Rulemaking Processes

Higginbotham provide an update regarding the rulemaking processes for laws in several states and explained ARMA's interest in tracking these regulations.

Status of Bills

Higginbotham provided a status of rulemaking processes for the laws in Maine, Oregon, Colorado, and California, and status of the bills being considered in New York and Hawaii. Higginbotham will continue to monitor the rulemaking processes and activity on the bills.

Other Regulatory Activity

There was no other regulatory activity discussed at this meeting.

Develop Collaboration with Other Stakeholders

ASR Systems

Phillips reminded members of the request from Dan Horton, ASR Systems, for ARMA funds to support his efforts to collect asphalt shingle asbestos test results from recyclers and to generate a report based on the results. Phillips reviewed the proposal from Mr. Horton that was circulated prior to the meeting. Phillips requested member input whether ARMA should support this endeavor and, if so, justification that can be provided to ARMA's Board of Directors.

Members engaged in a discussion surrounding the proposal. Members discussed possibly having the new ARRC Measurement Working Group consider the proposal. Members supported waiting until after the initial Working Group meeting in September before taking any further action.

Phillips will inform Mr. Horton that no decision has been made regarding the proposal, but that it remains an item for continued discussion.

National Roofing Contractors Association (NRCA)

Phillips reported on a staff level meeting among NRCA, CDRA, and ARMA in July to discuss ways the groups can work together to support recycling of asphalt roofing.

Construction & Demolition Recycling Association (CDRA)

Why provide joint document on preparing tear-off for recycling?

Phillips reminded members of the prior ARRC agreement to recommend ARMA's Board support ARRC involvement with NRCA and CDRA to develop a joint document, the subsequent non-unanimous result from a Board email communication, and the ARRC desire to submit this for Board consideration at the November

meeting. Phillips asked participants to provide justification for this proposed activity that can be shared with the Board. Members offered several suggestions.

Asphalt Institute / AI Foundation

Dutton provided an update on activities of the AI Foundation. Lewandowski informed members of a research project to investigate methods to create more durable shingles.

Pilot Paving Projects Update

El Dorado County, CA

Phillips provided an update of the pilot paving project in El Dorado County. A verbal report indicates the section with RAS is performing well. A written report is expected soon. El Dorado County is now considering whether to conduct a second pilot project.

Santa Clara County, CA

Phillips provided an overview of a potential pilot paving project in Santa Clara County that depended on grant funding sought by CDRA and Zanker Recycling. Zanker confirmed that the grant application was not successful so no project will be undertaken.

Gypsum Association

Phillips informed members that ARMA staff met with Gypsum Association staff in June to get an update on their interactions with the California Statewide Commission on Recycling Markets and Curbside Recycling. Phillips shared about activities the Gypsum Association has undertaken, including a survey to collect data from their members and a material flow analysis being performed by a third-party.

Other Updates

A member participating in the Asphalt Shingle Recycling Forum polled participants regarding the addition of a session on asbestos identification and testing to the forum program. ARMA members expressed support for such a session.

A member shared that the Illinois DOT is working on a sustainability study for asphalt roofing shingles. Once that study becomes available, the member will forward to Phillips for distribution.

Action Item Review

ACTION: Phillips will inform Mr. Horton that no decision has been made regarding the proposal but it remains an item of continuing discussion.

Adjournment

The meeting was adjourned by consensus at 2:33PM EDT.



To: ARMA Members and Staff

From: Reed Hitchcock, Executive Vice President

Re: Antitrust Compliance - Quick Reference

The Asphalt Roofing Manufacturers Association (“**ARMA**” or “**Association**”) has in effect an Antitrust Compliance Policy (“**Policy**”). The Policy is intended for the guidance of ARMA member company representatives, officers, directors and staff, when engaged in any activity conducted in the name of, or on behalf of, ARMA. All such persons are expected to be familiar with the Policy and to follow it both in letter and spirit.

The following cautionary statements are taken from the full Policy and are intended to be used as a quick reference tool. This document is not a substitute for the full Policy, which is available from the Association’s office and with which all are expected to be conversant. At all Association meetings and events, including informal gatherings before, during or following such meetings and events, **ARMA** members, their representatives and guests will not discuss any of the following competitively sensitive topics:

1. Current or future prices, price levels, costs or profit margins.
2. What is a fair or rational profit level.
3. Actions which could lead to standardizing or stabilizing prices.
4. Pricing or bidding methodologies or procedures.
5. Pricing practices or strategies, including methods, timing or implementation of price changes.
6. Whether or how prices, warranties or other terms of sale are advertised.
7. Cash or any other discounts, rebates, service charges or other terms and conditions of sale.
8. Credit terms.
9. Product warranty terms.
10. Actual, planned or projected production, production capacity or capacity utilization.
11. Projected demand.
12. Confidential company plans for new products.
13. Dividing or allocating geographic or product markets or customers.
14. Whether or on what terms to do business with a supplier, competitor or customer.
15. Whether or on what terms to solicit other companies’ employees for employment.
16. The business practices of individual firms.
17. The validity of any patent or the terms of any patent license.
18. Ongoing litigation, unless being reported upon by ARMA’s General Counsel or discussed appropriately at ARMA’s Counsel Forum.

We hope the above rules will be helpful as you participate in ARMA meetings and other activities. If you have any questions about antitrust compliance, do not hesitate to contact ARMA’s General Counsel:

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