



SECTION 1 AEMA: AN OVERVIEW

Simply stated, the **Asphalt Emulsion Manufacturers Association (AEMA)** exists to promote the increased and more efficient use of asphalt emulsions. Since 1973, the Association has served as a forum for discussion, a clearinghouse of information, and a platform of action for the asphalt emulsion industry. Through its meetings, seminars, and publications, AEMA has helped to bring state of the art asphalt emulsion technology to all parts of the world.

The Asphalt Emulsion Manufacturers Association is an excellent network for the information exchange and technology transfer among professionals in the highway industry. Although the Association does not maintain a technical staff, it is able to address concerns of a technical nature by calling upon the tremendous bank of expertise that exists throughout its membership.

A cornerstone of AEMA's technology transfer is the International Technical Committee (ITC). Charged with developing technical activities, programs, and publications, in response to and in anticipation of market and production requirements, the ITC functions with several standing committees and several more sub-committees with specific areas of technical and program responsibilities. This volume is one of the responsibilities of the ITC.

Throughout the year, AEMA members participate in a wide range of local, regional, national, and international seminars and conferences to promote the industry and recent improvements in technology.

1.1 How to Use this Volume

This third edition of AEMA's Recommended Performance Guidelines for using Asphalt Emulsions (Electronic) has been updated and greatly expanded and is included on this CD. Several new Guides are now available to the highway professional.

AEMA Guides reference documents from ASTM, ARRA, and ISSA. Each of these associations update their own publications on a regular basis. Therefore, AEMA encourages the reader to obtain the most recent versions of these important documents.

Some of these documents are included in this volume, and were current at the time of publication. Due to the delay from final editing to printing, some of these may have been superseded. As an example, ASTM must publish new standards each year as about 30% of the documents are new, have been withdrawn, or have had substantial changes.

These documents should be used as companions to the AEMA's **A Basic Asphalt Emulsion Manual**.

1.2 Acknowledgements



This third edition of AEMA's *Recommended Performance Guidelines for Using Asphalt Emulsions* would not have been possible without the dedication and generosity of time and talent from the AEMA member companies, their individual representatives, and the International Technical Committee of AEMA.

In addition, several interested groups have made contributions to this volume. The **Asphalt Recycling and Reclaiming Association (ARRA)** provided the sections on pavement recycling.

The **International Slurry Surfacing Association (ISSA)** provided the sections on Slurry Sealing and Microsurfacing.

Many AEMA member companies also maintain membership in one or more of these associations as well as standards writing organizations such as The **American Society for Testing and Materials (ASTM)**. You are encouraged to contact these associations for more information on their respective activities.

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