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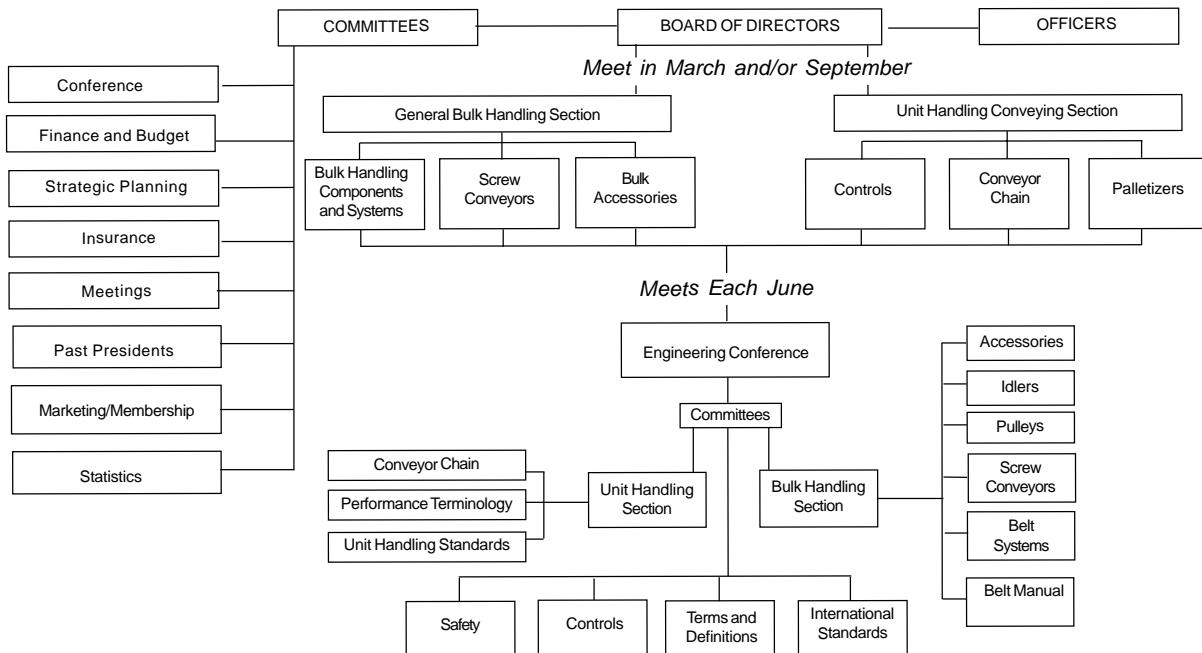
**Conveyor
Performance
Terminology**



**Conveyor Equipment
Manufacturers Association**

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CEMA ORGANIZATIONAL CHART



For Information on Company Membership
visit the CEMA Web Site at
<http://www.cemanet.org>

SAFETY NOTICE

The Conveyor Equipment Manufacturers Association has developed Industry Standard Safety Labels for use on the conveying equipment of its member companies.

The purpose of the labels is to identify common and uncommon hazards, conditions, and unsafe practices which can injure, or cause the death of, the unwary or inattentive person who is working at or around conveying equipment.

The labels are available for sale to member companies and non-member companies.

A full description of the labels, their purpose, and guidelines on where to place the labels on typical equipment, has been published in CEMA's *Safety Label Brochure* No. 201. The Brochure is available for purchase by members and non-members of the Association. Safety Labels and Safety Label Placement Guidelines, originally published in the Brochure, are also available free on the CEMA Web Site at http://www.cemanet.org/CEMA_Safety_Pg.htm

PLEASE NOTE: Should any of the safety labels supplied by the equipment manufacturer become unreadable for any reason, the equipment USER is then responsible for replacement and location of these safety labels.

Replacement labels and placement guidelines can be obtained by contacting your equipment supplier or CEMA.

FOREWORD AND ACKNOWLEDGMENTS

This standard, Conveyor Performance Terminology, was prepared by the Performance Terminology Committee of the CEMA Engineering Conference. The objectives and purposes for publishing this standard include:

A. Encourage uniform usage and understanding of performance terminology used in the conveying field.

B. Assist in providing appropriate information for the selection and application of proper engineering practice in the field of materials handling as accomplished through usage of conveyor equipment.

C. Provide a source or basis of information related to characteristics, features and conditions inherent to the practices of materials handling through usage of conveying equipment.

Throughout this standard, preferred terms are followed by their definitions. Alternate terms in common usage are listed and cross-indexed back to the preferred term in each case.

Utilization of Conveyor Performance Terminology, as published herein, is completely voluntary. This publication may be adhered to in its entirety, in part, or not at all, depending upon agreement of the parties involved.

For definitions of terminology which are not included herein, review the following references:

A. CEMA Terms and Definitions (Standard No. 102).

B. CEMA Classification and Definitions of Bulk Materials (Book No. 550).

C. ANSI/ASME B20.1, Safety Standard for Conveyors and Related Equipment.

Legal terms and definitions are not within the scope of this publication.

The Conveyor Equipment Manufacturers Association gratefully acknowledges the advice, assistance, and constructive criticisms afforded by the members of the committee and their companies. Without their respective contributions, preparation of this standard would not have been possible.

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DISCLAIMER

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CONVEYOR PERFORMANCE TERMINOLOGY

Prepared by

The Performance Terminology Committee

of the

CEMA Engineering Conference

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Conveyor Equipment Manufacturers Association

ACCEPTANCE

Acknowledgment by the purchaser (or user) that equipment or services provided are suitable for accommodating the intended function.

The term "acceptance" as it applies to legal documents, such as purchase orders, is not within the scope of this definition.

ACCESSIBILITY

Ease of access or approach to equipment for operation, inspection, maintenance, and lubrication. The term accessibility is not itself definitive. "Proper" accessibility depends upon the equipment use, the function of the equipment, the space limitation, the environment, the relationship to other equipment, the need for safe operation, and other considerations which require a mutual understanding between vendor and user.

ADJUSTMENT

See FIELD ADJUSTMENT, RUN-IN. Also, see Takeup, *Conveyor Terms and Definitions*, CEMA Standard No. 102.

ALIGNMENT

The position of parts or components in relation to each other—such as, but not limited to, in a straight line, at a specified angle, in the same plane, horizontal, vertical, parallel.

It is recognized that the performance of conveyors and related equipment depends on careful alignment during assembly and installation. It is also recognized that parts of components aligned during factory assembly should be checked for alignment and adjustment made if necessary during installation. Field adjustment of components, rollers, troughers, and shaft assemblies should be limited to that adjustment supplied in the components, or as indicated on the drawings, specifications, or installation operation manuals.

In case of thermal expansion, there should be an agreement between the user and the vendor that when thermal expansion affects the equipment, proper expansion devices should be employed to maintain alignment.

In general, the vendor should specify the limits of alignment. If it is necessary to deviate from the specified limits, the deviations shall be agreed upon between user and vendor.

It is also recognized that specifications commonly use a number of modifying words, such as "proper", "acceptable", "suitable", "careful", "normal", "good", "duly", "operating", and "working", with respect to such function as alignment. Within the scope of these definitions, such modifiers shall all be taken to mean "within the limits recommended by the vendor", "within the specific numerical limits set by the user's specifications" or, lacking these, to mean "sufficient so that the aligned elements will operate in such a manner that the equipment will perform the intended function."