



FOUNDATIONSTM TRAINING

HELPING PLANT PERSONNEL RUN CLEANER, SAFER AND MORE PRODUCTIVE CONVEYORS

L3862



CLEANER, SAFER, MORE PRODUCTIVE

Belt conveyors are the basic building block of bulk-materials handling. For a plant to be efficient, the conveyor systems must be clean, safe and productive.

The two goals of any bulk-materials handling operation should be to improve conveyor safety and to improve conveyor efficiency.

To better help your operation achieve these goals, Martin Engineering has expanded the Foundations™ training workshop into three programs to fit the needs of individuals and companies with varied levels of experience and responsibility.

All programs offer the opportunity for customization/localization (by prior arrangement) to feature images and discussion of specific equipment, conditions and problems.

Over the past 20 years Martin Engineering has presented over 500 workshops to more than 15,000 participants from bulk-materials-handling operations around the world, enabling workers to operate and maintain cleaner, safer and more productive belt conveyors.

The results of Foundations™ Training:

- Personnel are properly trained
- Belt conveyors are more efficient
- Plant is cleaner, safer and more productive
- Operation is more profitable!

Problem Solved TM



FOUNDATIONS™ BOOK

THE PRACTICAL RESOURCE FOR CLEANER, SAFER, MORE PRODUCTIVE DUST & MATERIAL CONTROL

As a part of its mission to bulk materials handling operations around the world, Martin Engineering has published the fourth edition of Foundations™, its comprehensive book on improving belt conveyors and controlling fugitive material.

This new edition of Foundations™ is an authoritative reference on "Why" and "How" to improve conveyor productivity. The 576-page hardcover volume is a key resource for controlling fugitive material in facilities that use belt conveyors to handle bulk materials and provides useful information for personnel at all levels from "new hire" laborers to senior engineers and executives.

For more information about the book and its authors, to order a hard copy of the book, to access additional resource materials or to download a FREE digital copy of the entire book, please visit martin-eng.com/F4.



FOUNDATIONS™ TRAINING

The contents of the Foundations™ Book are amplified in a series of training programs discussed on the following pages. These presentations may qualify for Continuing Educations Units (CEUs) or Professional Development Hours (PDHs); they may also qualify as part of the Parts 46/48 Annual Refresher Training.





Entry-level employees who are unfamiliar with belt conveyor systems

DETAILS

One 2-hour session

Crosses cultural boundaries

"Wordless" course materials for illiterate or non-English speaking audiences

Can be presented at customer site or neutral location

CONTENTS

Basic conveyor components

Conveyor safety

Principles of fugitive-material control

BENEFITS

Improved safety; understanding of the importance of belt conveyors and the impact of conveyor efficiency; appreciation for the cost of fugitive material and the benefit of clean operations













Plant employees charged with operating and maintaining belt-conveyor systems as well as the supervisors and managers of these employees

DETAILS

One day (6 to 8 training hours)

Options include customized content, a customized second-day program, incorporated site survey prior to training program

Can be presented at customer plant, conference center, or Martin Engineering facility

CONTENTS

Introduction to material handling

Conveyor safety

Belt alignment

Belting and splices

Belt cleaning

Transfer point improvement

Basic dust management

BENEFITS

Improved safety; better appreciation of conveyor operations and the cost/benefit relationship of improved systems; better understanding of opportunities presented by advanced conveyor systems for improved performance and greater profitability; better understanding of systems available to improve conveyor operations and how to justify/validate the investment required





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Companies and personnel with difficulty in scheduling and attending a full-day "classroom" seminar

DETAILS

Composed of nine course modules, each ending with an internet-based quiz

Each module takes 1 to 2 hours to complete

CONTENTS

Material handling basics

Conveyor safety

Belt alignment

Belt cleaning

Transfer point improvement

Belts and splices

Leading-edge technologies

Dust management

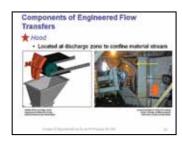
Total material control

BENEFITS

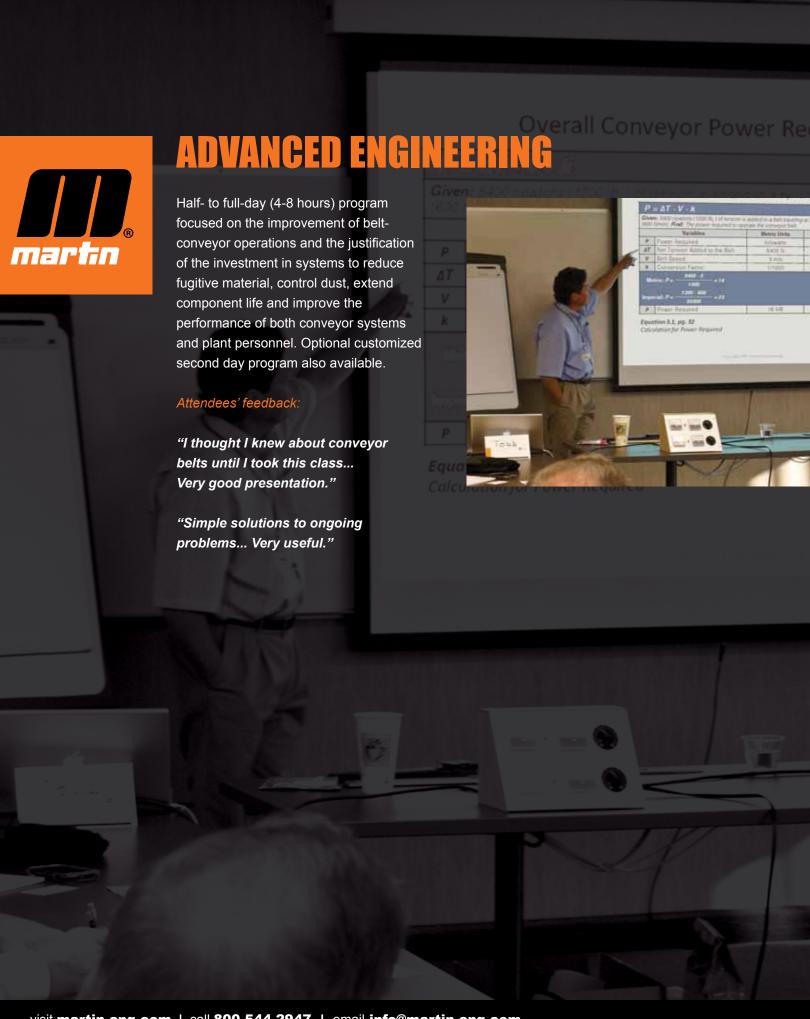
Flexibility to achieve the same benefits as a traditional classroom operations and maintenance seminar













Engineers and managers responsible for development or management of belt conveyors to handle bulk materials

DETAILS

Half- to full-day program (4 to 8 training hours)

Optional customized second-day program available

Typically presented at Martin Engineering's Center For Innovation training and R&D facility in Neponset, Illinois, USA

CONTENTS

Total material control

Applying material science to conveyor design

Better conveyor designs/changing the paradigm

Critical components to control fugitive material

Designs to minimize and systems to control dust

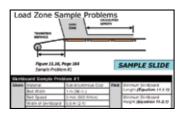
Performance measurements

Demonstrating the payback from system improvements

BENEFITS

Better understanding of opportunities presented by advanced conveyor systems for improved performance and greater profitability; better understanding of conveyor operations and the cost/benefit relationship of improved systems; better understanding of systems available to improve conveyor operations and how to justify/validate the investment required





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GLOBAL LOCATIONS



Authorized representatives in over 32 additional countries

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