

# NEW DEVELOPMENTS IN DUST CONTROL FOR THE MINING INDUSTRY

## Half Day Information Seminar

<b>LOCATION</b>	Quest Maitland, NSW
<b>DATE</b>	Wednesday 25 <sup>th</sup> March, 2009
<b>TIME</b>	2:30PM – 5:30PM
<b>COST</b>	FREE



**Learn about recent developments in coal dust control measures that have proven success in reducing dust emissions from transfer points, rail wagons, stockpiles & haul roads from experts in the field.**

### SEMINAR CONTENT

Fugitive dust emissions is one of the most visible and contentious issues for the mining industry, local communities, regulatory bodies and governments. Dust from mining operations is a serious health, safety & environmental risk that also incur significant economic cost.

In this half day information seminar, you will get presentations from experts from the University of Wollongong, DuPont and ESS, on recent developments in dust control and dust suppression technologies.

During the seminar you will hear about recent developments in dust control in bulk materials handling and dust suppression technologies. More specifically, you will learn:

- Mechanisms of fugitive dust generation and consequences of dust emissions
- Types of dust control methods including physical, chemical and mechanical systems
- How a dust control system can improve efficiency and throughput and reduce costs
- Cost effective rail wagon dust suppression systems
- Dust control case studies and results on haul roads, stockpiles and rail wagons

### WHO SHOULD ATTEND

The seminar best serves mine managers, engineering managers, environmental managers, production managers, maintenance managers, superintendants and first-or second-line supervisors



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## About the Speakers

### Associate Professor Peter Wypych Faculty of Engineering University of Wollongong

Peter Wypych is the Founder and General Manager of Bulk Materials Engineering Australia and has completed over 460 projects for industry. His areas of expertise include powder and bulk materials handling, conveying, computer simulation technology, dust-fume hazards and control, including dust explosions. Peter is the Director of the Key Centre for Bulk Solids & Particulate Technologies at the University of Wollongong and has published over 300 articles in the above areas. He has presented numerous training seminars and professional development courses around Australia and overseas. He is the Chair of the Australian Society for Bulk Solids Handling, Engineers Australia.

### Terry Thew Engineering Systems and Product Development Manager ESS Engineering

Terry Thew began his career at Port Kembla Steelworks in 1971 and subsequently held positions as Maintenance and Project Engineer at coal and coke plants. As Engineering Manager of ESS for the past 21 years, Terry has travelled Australia and internationally to assess problems in bulk solids handling. He has inspected countless conveyors and been involved in the development and application of technology to prevent spillage and dust emissions, reduce conveyor problems and improve the overall material handling system. In 2007 ESS was awarded the Annual Australian Bulk Handling Awards for Best Practice in OH & S.

### Dr. Leong Mar Manager - Technical Centre DuPont (Aust) Ltd

Leong Mar has been involved in research & development and technology commercialisation for over 15 years in various organizations. Leong has background in chemistry, surface and materials science and technology. Leong has been with DuPont for 5 years and is responsible for driving the R&D program on dust suppression for the company. He has helped develop the technology and products for the DuPont Dust Suppression business and Dusgon product range. Leong has authored numerous scientific papers and conference presentations.

Leong has a Bachelor of Science (Honours) in Pure and Applied Chemistry and a PhD in Chemistry from the University of New South Wales.

*DuPont is a science-based products and services company. Founded in 1802, DuPont puts science to work by creating sustainable solutions essential to a better, safer, healthier life for people everywhere. Operating in more than 70 countries, DuPont offers a wide range of innovative products and services for markets including agriculture and food; building and construction; communications; and transportation.*



#### Venue:

#### Quest Maitland

1 Ken Tubman Drive Maitland  
NSW, 2320

#### Time:

2.30pm to 5.30pm

Followed by food & refreshments and networking opportunities

#### Cost:

FREE

Registration essential because places are limited

#### Further information and registration contact:

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