

**'Introduction to Aerosol Technology'  
Training Workshop**

**MGSM Executive Conference Centre  
NSW 2113**

**Thursday 30<sup>th</sup> March 2023**



**REGISTRATION & WELCOME COFFEE  
08h30 onwards**

**Welcome & Housekeeping (15 mins)**  
09h00 – 09h15  
David Cowper,  
Product Realisation Manager, Ensign Laboratories

**Aerosol Formulation: The Basics (40 mins)**  
9h15 – 9h55  
David Cowper,  
Product Realisation Manager, Ensign Laboratories

*An overview of the possibilities of the aerosol, the various potential applications and the principles and technologies that lie behind them.*

**COFFEE BREAK  
9h55 – 10h15**

**The Regulatory Basics (40 mins)**  
10h15 – 10h55  
Philip Fleming,

Executive Director, Aerosol Association of Australia Inc.  
*A brief introduction to Australian Standard AS 2278.1, along with an overview of basic labelling and transport requirements.*

**Aerosol Containers: Steel (40 mins)**  
10h55 – 11h35  
To be advised  
NCI Packaging

*How steel (tinplate) aerosol cans are manufactured and decorated, their benefits and performance considerations.*

**Aluminium (40mins)**  
11h35 – 12h15  
Ron Smith,

Aerosols Technical Manager, Jamestrong Packaging  
*How aluminium aerosol cans are manufactured and decorated, their benefits and performance considerations.*

**Morning Session Wrap-up (10 mins)**  
12h15 – 12h25  
David Cowper,

Product Realisation Manager, Ensign Laboratories

**LUNCH  
12h30 – 13h30**

**Valves and Actuators (45 mins)**  
13h30 – 14h15  
To be advised

*How aerosol valves work and how valve and actuator choice can affect spray performance.*

**Propellants: Types and Applications (40 mins)**  
14h15 – 14h55  
David Slater,

General Manager, Aerosol Supplies Australia  
*An introduction to the propellants used in aerosol products and their advantages, pressure considerations, and use in formulations.*

**COFFEE BREAK  
14h55 – 15h10**

**Aerosol Filling: An Introduction (45 mins)**  
15h10 – 15h55  
Paul Sullivan,

Managing Director, DH Industries Ltd UK  
*An overview of aerosol production - with an especial focus on safety considerations - including filling methods and considerations, crimping, line speeds, gas houses, and tank farms.*

**New Developments in Filling Technology and Equipment (40 mins)**  
15h55 – 16h35  
Benjamin Margot ,

Chief Customer Officer, Pamasol Willi Mäder AG  
*An introduction to the latest developments in aerosol filling technology and the implications for aerosol formulators and fillers*

**Closing remarks (10 mins)**  
16h35 – 16h45  
David Cowper,

Product Realisation Manager, Ensign Laboratories

**CLOSE: 16h45 [APPROX.]**