



### TRAINER PROFILE\_(2)

#### Dr. Graham Sussex

PhD (Metallurgy & Materials Engineering)

Technical Training Advisor & Contract Speaker for Metalloy Consultant Services PLT

**Dr. Graham Sussex** has worked in corrosion and failure investigation since 1979, with 8 years at the Corrosion Prevention Centre in Manchester (UK), 8 years at ETRS, Melbourne, (an engineering testing and consulting company), 5 years running courses for the Institute of Materials Engineering and, since 2001, contracting for half his time as technical specialist to the Australian Stainless steel Development Association mainly answering questions on their technical hotline. He is active in Australasian Corrosion Association and has frequently run courses and presented lectures on failure analysis and corrosion prevention in Australia and overseas. He has extensive experience in recognizing, eliminating and avoiding failures in the manufacturing, oil/gas, food and chemical industries, building and construction including reinforced concrete and coatings.



### TRAINER PROFILE\_(3)

#### Dr. Matthew Dingle

PhD (Metallurgy & Materials Engineering)

Technical Training Advisor & Contract Speaker for Metalloy Consultant Services PLT

**Dr. Matthew Dingle**, PhD in Metallurgy and Materials Engineering, is currently director of a R&D company in Australia and a senior research associate in University. He has worked in Australia & Sweden in the automotive, marine and tooling industries and also spent several years as a university academician. He is an active researcher and has wide experience in tool design & simulation for sheet metal forming, high strength materials, numerical modeling and structural analysis. He is now based in Geelong, Australia providing die design, stamping simulation support services to the automotive industry. Dr. Dingle will bring a wealth of teaching experience along with his strong industrial background to instruct this sheet metal engineering course back with computer simulation program.



### TRAINER PROFILE\_(4)

#### Dr. Morris Murray

PhD (Materials Engineering)

Technical Training Advisor & Contract Speaker for Metalloy Consultant Services PLT

**Dr Morris Murray**, is a world authority on die-casting. He is majoring in Materials Engineering & obtained his PhD from Melbourne University. As a Senior Principal Research Scientist at CSIRO (Australia), he led their die casting research for a number of years. He has carried out practical research for many OEM's and major manufacturers in such areas as alloy development, metal and casting quality, molten metal flow systems, thermal analysis and heat control of dies, proving hydraulic performances of casting machines and optimizing die spray, to name just a few. The benefits to the clients have been written up in joint papers and presented at NADCA conferences. Dr Murray himself has written over 100 technical papers and has a significant number of patents. His commitment and benefit to the industry was acknowledged when he was made a fellow and life member of the Australian Die Casting Association. He has also received awards from such bodies as the North American Die Casting Association (NADCA). Dr Murray has also presented a number of training courses on a variety of topics to both national and international companies.



### TRAINER PROFILE\_(5)

#### Ray W. Reynoldson (Metallurgy & Materials Engineering)

C.Eng., F.I.M.E.A., F.R.M.I.T., A.F.A.I.M

Technical Training Advisor & Contract Speaker for Metalloy Consultant Services PLT

### In Memory of Ray Reynoldson

**Ray Reynoldson** passed away on July 4, 2012. Ray has contributed a lot of his ideas, findings & experiences to some of our course notes development and on the growth of METALLOY. He has indeed inspired us to work hard in developing and promoting informative technical training courses for the benefit of technical employees and manufacturing industry. We will always remember his amazing intelligence and achievements.

**Ray Reynoldson** - Australian, formerly worked as senior consultant for metal industry in Australia, USA & UK.

A chartered Engineer in Metallurgy awarded by RMIT Australia. He has authored 35 technical papers in the area of heat treatment & has published by American Society of Metal (ASM) a book on heat treatment in fluidised bed technology. He was a fellow of the Institute of Engineers, Australia & first entered the heat treatment field in 1967 in UK. He was awarded the Claude A Steward Award in 1991 by Institute of Materials Engineering Australasia for recognition of the technical skill and innovation that he has shown in furnace development and the control of heat treatment processes during a career of over 30 years in the heat treatment industry of Australia and Europe. Ray was active in Australasian Metal Industry and has frequently run courses & presented lectures on materials, heat treatment, surface engineering and metallurgy in Australia and overseas.