



**David Edwards**

Ph.D.

**Consultant Fuel Chemist**

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David is a Chemist Surveyor and Consultant with 40 years' experience in Analytical Chemistry. He has in-depth knowledge of petroleum, petrochemical and LPG analysis and has been involved in contamination and pollution analysis relating to marine transportation of bulk liquid cargoes, as well as bunker fuels. David has provided expert witness in legal proceedings on many occasions in the UK (both High Court litigation and commercial arbitration) and abroad. David specializes in investigations as to the causes of the contamination of petroleum cargoes.

**Academic Qualifications**

Ph.D. Analytical Chemistry

B.Sc. (Hons) Chemistry

Northern College of Education, Aberdeen. Post Graduate Certificate in Education

## **Surveying and Consultancy Employment**

Associated Petroleum Consultants Ltd, Chemist Surveyor and Consultant

Providing advice on loss, contaminations, quality control of liquid cargoes, defining analytical strategies for investigative analysis, attending as an expert witness in joint analysis of samples, preparing reports for presentation to mediations, commercial arbitrations and High Court litigations and attending as an expert witness in such hearings. Cargoes investigated include Crude Oils and Petroleum Products, Petrochemicals, Vegetable Oils and Fats, Liquefied Petroleum Gases and Bunker fuel oils. Investigations include on-site examinations, as well as from documentary review and analysis of samples.

T. J. Gunner and Sons Ltd, Independent Consultant providing Marine and Petroleum Consultancy

T. J. Gunner and Sons Ltd, Chemist Surveyor and Consultant

Became a director in 1986 and Managing Director in 1988. Duties include undertaking investigations on the basis of document examination and/or surveys at the point of incident into the causes of loss, contamination and quality control of shipped bulk liquid cargoes. Cargoes investigated include Crude Oil and Petroleum Products, Petrochemicals, Chemical and Vegetable Oils, Liquefied Petroleum/Chemical Gases

Caleb Brett, Houston, USA, Laboratory Manager

Responsibility for quantity/quality control of shipped cargoes of crude oil, petroleum products, petrochemicals and LPG.

Caleb Brett, Aberdeen, Laboratory Chemist

Involved in analysis of crude oils, lube oils, waters etc. from North Sea Exploration and Production areas.

## **Publications**

"The Carriage of Crude Oil by Sea" - T. J. Gunner, B.Sc. and D. A. Edwards, Ph.D. published by Lloyds of London Press Ltd.