

David Robert Jones
Director

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Qualifications

BSc; CSci, CChem, MRSC, FEI

Affiliations

Member of Royal Society of Chemistry
Fellow of Energy Institute
Member of the PLM 3 Committee, Energy Institute,
advising on petroleum measurement and standards
Member of Institute of Corrosion
Member of Society of Chemical Industries
Member 'Carefully to Carry' Committee

Date of Birth

26 October, 1949

Nationality

British

Current Position at CWA

David Jones joined CWA in 1988 as a senior petrochemist/surveyor in the Oil and Chemical Department and was appointed a Director of the Company in 1992. Responsible for much of our work concerning chemicals and petrochemicals, David deals with a wide range of quality control matters, technical investigations, laboratory testing and specialist surveys in the processing, storage and carriage of petrochemicals, gas and chemicals. He possesses expertise in depth on cargo handling procedures on chemical tankers. He also co-ordinates CWA's dangerous goods advisory services and has participated in the investigation of major fire casualties. He is an experienced Expert Witness. David participates on a loss prevention committee at the Energy Institute and is retained by several major industrial concerns to provide trouble shooting advice on petrochemical quality control. David is also experienced in the shipment of edible oils and co-ordinates the Company's membership of FOSFA. Working with specialist consultants, David uses his considerable expertise on tank coatings and corrosion arising from the carriage of various cargoes and advises on associated tank washing operations. David is thoroughly familiar with modern analytical techniques and is frequently called upon to supervise specialist laboratories for forensic testing and evaluation of results.

Specific Expertise and Experience at CWA

Process Materials and Cargoes

- Crude and Petroleum Products
Additives; Asphalt; Avgas; Bitumen; Carbon black feedstock; Condensates
Crude oils (worldwide); Fuel oil, light, medium, heavy; Gas oil/Diesel grades;
Gasoline (all grades); Jet fuel (all grades); Kerosene (all grades); Lube Oil;
Naphtha; Reformates; Alkylates; Slops and residual materials; Sulphur;
Vacuum gas oil (VGO); and Waxes
- Liquid Gases and other Bulk Liquid Cargoes
Acetone; Acrylonitrile (ACN); Ammonia; Benzene; Butadiene; Butane;
Caustic Soda; Coconut oil; Ethanol; Ethylene; HMD; Methane; Methanol;
Methyl Ethyl Ketone (MEK); Methyl tertiary-butyl ether (MTBE); Mono Di
and Tri ethylene glycol (MEG, DEG, TEG); Palm oil and its derivatives (olein,
stearin, PFAD); Phenol; Phosphoric acid; Propane; Propylene; Rapeseed oil;
Styrene Monomer, Vegetable oil products, acid oil; Cashew shell nut oil;
Vinyl chloride monomer; Xylene
- Also dangerous goods and fertilizers

Claims Evaluation and Expert Evidence

David has extensive experience in troubleshooting and providing expert advice on a wide range of operational and commercial areas which are prone to incidents and claims. Specific areas of expertise are:

- Advice on tank cleaning
- Bunker quality disputes
- Cargo and bunker surveys
- Cargo superintendency services
- Contamination investigation, ship/shore
- Incident response
- Laboratory analysis supervision
- Cargo reprocessing and mitigation of loss
- Forensic analysis of samples
- Petrochemical quality problems
- Refinery processing
- Slops handling and waste disposal
- Tanker and gas carrier performance studies
- Crude petroleum, LPG quality problems

Field Attendances

David has made attendances at the following ports since 1988 (excluding laboratory attendances):

Algeciras, Amsterdam, Antwerp, Birkenhead, Brindisi, Chiba, Coryton, Curacao, Dordrecht, Dubai, Erith, Hamburg, Houston, Immingham, Ipswich, Iskenderun, Jubail, Jebel Ali, Kaohsiung, Kingston, Kings Lynn Kitemat, Lake Charles, Naples, Osaka, Panama, Paranagua, Plaquemine, Rayong, Rotterdam, San Francisco du Sul, Santos, Shellhaven, Silvertown, Singapore, Stockholm, Teesport, Thurrock, Vigo, Yushny

Ship Types

David has specific experience of cargo handling operations onboard the following ship types:

Oil Tanker
Ore/Bulk/Oil Carrier
Gas Carrier
Chemical Tanker
Cargo Barge
Container Carriers

Summary of Previous Employment

Following graduation from the University of Aston, David gained 14 years industrial experience as an analytical chemist, attaining the post of Laboratory Section Leader in a firm of consultant analysts, Bostock Hill and Rigby (Clayton Environmental), dealing in the analysis of water, wastewater, industrial effluents, fuels. Consultancy projects undertaken in the disciplines of waste disposal/treatment and reclamation, industrial pollution abatement monitoring and control.

From 1983-1988, with Watson Gray (Saudi Arabia) Ltd; appointed Laboratory Manager of the Ras Tanura Laboratory, responsible for the analysis of crude oil, petroleum products, fuel and lube oils exported from the Ports of Yanbu, Ras Tanura, Ju'aymah and Al Jubail.

In 1982 he was appointed as shift supervisor in the ARAMCO Ju'aymah Fractionation Plant (Gas Plant) Laboratory, Saudi Arabia, responsible for the day to day quality control of plant operations and non-routine trouble shooting.

Publications

Butadiene: Dimerisation during Ocean Carriage. Proc.Gastech '98, Vol 2, Session 6

The Role of Tank Coatings in Cargo Contamination Claims. GARD News, Issue 152, December '98, pp.22-24

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