



Careers

in the bulk liquid storage sector

**SHAPE THE
FUTURE
WITH US**



www.tankstorage.org.uk

An aerial photograph of an industrial facility, likely a bulk liquid storage terminal. The facility is situated along a body of water, possibly a harbor or a large canal. In the foreground, a large red tanker ship is docked at a pier, with several smaller tugboats nearby. The middle ground is dominated by a large number of white cylindrical storage tanks arranged in rows. In the background, there are various industrial buildings, including large warehouses and smaller structures. The overall scene depicts a busy industrial and maritime hub.

JOIN US IN SHAPING THE FUTURE

“The bulk liquid storage industry is growing and developing and we want you to come on this journey with us. Join us in shaping the future.”



ABOUT US

The tank storage sector is the pulse of our day-to-day life, providing an essential link in the supply chain for a large variety of liquid products, from transport and heating fuels, to chemicals and food-grade products such as animal feeds and fats, oils and molasses. As a key link needed to facilitate the transportation of liquid products, terminals are present in ports and airports, logistic platforms and along rivers, canals and pipelines.

These logistics hubs are central to the UK economy, supporting our domestic commerce in bulk liquid products and connecting it with overseas markets.

Terminals are an essential part of global infrastructure networks, ensuring that bulk liquids are supplied when they are needed and in the quantities required. Terminal operations are present throughout the world with storage hubs becoming established in Europe, the United States, Middle East and Asia to provide the necessary storage required for global commerce in bulk liquids.

This dynamic and growing industry supports over 4,000 direct UK jobs and draws on the expertise and talent of a highly skilled, innovative and resourceful workforce. It also places great emphasis on training and development to give employees at all levels the opportunity to learn and grow. For more information about the sector, visit www.tankstorage.org.uk

KICKSTART YOUR CAREER

The bulk liquid storage industry offers a diverse range of career opportunities in business, operations, engineering, safety, marketing, science, IT, supply and trading and many other disciplines. The sector is also important for environmental science, chemical and engineering graduates, related vocational skills as well as training and apprenticeships.

Whatever skills you have, chances are the bulk liquid storage industry needs them.

And there are many opportunities to advance and grow within your path or to other new and exciting positions within the sector.

To find out more about the bulk liquid storage sector and career opportunities, visit www.tankstorage.org.uk/jobs

If you would like to know more about apprenticeship, you can visit www.gov.uk/apply-apprenticeship

Careers in the sector include:

- Electrical and mechanical technicians
- Traders
- Engineers
- Lawyers
- Analysts
- Terminal operators
- Safety specialists
- Human resources specialists
- Marketing specialists
- Financial experts
- Commercial and business development executives
- Inventory management specialists
- IT, process automation, software development and infrastructure security specialists
- Tax experts

For more information about career opportunities in the bulk liquid storage sector, visit www.tankstorage.org.uk/jobs



SHAPE THE FUTURE WITH US

Our world is now in an almost constant state of change with technology, processes and systems all evolving and transforming day by day. In today's fast-evolving landscape, career prospects in the sector are expanding and new and exciting opportunities are opening up.

As national and international efforts to tackle climate change by reducing carbon emissions become ever more important, the bulk liquid storage sector will continue to grow in the coming years and invest in the next generation of talent.



From helping to unlock the potential of hydrogen, to the scale up of sustainable biofuels, the industry will have a key role to play in the energy transition. With unprecedented opportunities ahead, now is the time to join a growing and exciting industry and play a part in shaping the future.

Bulk liquid storage companies are looking for people with an entrepreneurial spirit and commitment to meet high standards for job performance, environmental protection and workplace safety. They are also looking for team players and innovators as the industry takes on new challenges and continues to grow. In return, you will gain knowledge, experience and training, as well as the opportunity to realise your full potential in your chosen path or in other exciting positions within the sector and beyond. You can also expect a competitive salary and great benefits package.

A photograph of three young professionals in a meeting. A woman with dark curly hair is smiling and looking towards the left. A man with glasses is partially visible in the foreground on the left, looking towards the woman. Another man with glasses is in the background on the right, looking towards the woman. They are all wearing light blue shirts. The background is a blurred office setting.

**HEAR
FROM OUR
FUTURE
LEADERS**



LUCY SHARP
Process Engineer

What is your educational or working background?

I went to Swansea University and studied Chemical Engineering with the vision of joining the energy sector after I graduated. In my Master's year, I had an industrial placement where I worked two days a week at an LNG storage facility. I graduated with a 2:1 in summer 2019 and joined Puma Energy UK shortly after my graduation on a temporary 2-month contract. As part of a small team, I was instrumental in setting up a new FAME blending process. At the end of my temporary contract, I was offered a full-time role with Puma Energy UK which I gladly accepted. I have been part of multiple working groups to help further our continual improvement plans across our Milford Haven Terminal.

How have you found your experience working in the tank storage industry?

During my first year with Puma Energy UK, I have gained a huge range of experience and skills which includes working closely with the Operations team to develop new and improve existing procedures. I also took part in the graduate assessment centre programme as a Puma interviewer and assessor.

What are your career aspirations? Do you think you can fulfil them within the tank storage industry?

In the future, I look forward to expanding my knowledge in the energy sector and aspire to become a successful, experienced Process Engineer.

For more information, visit www.pumaenergy.com





EDMUND WHITMORE

Environmental Engineer

What is your educational or working background?

From the age of 15 until my first full-time position I worked in a variety of part-time roles. My first role was assisting at the martial art gym where I trained and helped out teaching kids classes. I also completed a qualification in security so, when I moved to Bristol to start university, I was qualified to work at the O2 Academy as security at music gigs and also did the same at Glastonbury festival, perhaps the most boring job I have ever had to do! In my final year, I worked for Deliveroo as a bike courier. The communication, time management and other skills I learnt in these roles gave me a solid foundation to launch my career in the environmental sector. My undergraduate degree was in environmental science.

What has been your career journey to date/ your previous roles?

As part of my degree, I did a placement year at GE Aviation Wales, my first full-time job as an Environmental Health and Safety intern. I was responsible for environmental safety issues for 120 of the employees. I was given significant responsibilities for this role, including toolbox talks, leading accident investigations and running projects. I learnt a great deal and, at the end, I had a clearer idea of what kind of work I would like to pursue in the future. In particular, I realised that I wanted to be much more involved in collaborative projects within a team environment. After finishing my undergraduate degree, I took a year out to travel. I then worked for six months as a snowboard instructor in Japan. This job, which included teaching non-English speaking individuals, took my creative and outdoor aspirations to a very high level. It was a very demanding but amazing experience. When I came back to England, I started to look for jobs in the environmental sector. I realised that

my career options were quite limited with only an undergraduate degree, and so I decided to go back to do a master's degree in environmental engineering at Cranfield University. Towards the end of the one-year course, I applied for the environmental engineering graduate role at Puma Energy UK, and happily, I got the job and started the day after my presentation for my dissertation.

What roles/departments have you worked with in the business?

At Puma Energy UK, my first week was particularly intense, as my predecessor was leaving after 10 days, and had been in the role for about 10 years. I spent my first month working at Milford Haven Terminal, familiarising myself with the new role. Each day posed new challenges and, for the first few months, I functioned largely on a reactive basis as each day there were challenges that needed to be addressed. Slowly, I got to grips with the complexity of the systems.

How have you found your experience working in the tank storage industry?

I've found that I really enjoy the variety of work from sampling onsite, managing energy projects and environmental data analytics. For a graduate role, I've been given a lot of responsibility and I really appreciate the freedom I have in the role.

What are your career aspirations?

Going forward I'd like to continue to develop the skills involved in working on more complex collaborative projects and I am looking forward to a long and successful career in environmental engineering.

For more information, visit www.pumaenergy.com

STEPHEN MACDONALD
Electrical Craftsman

What has been your career journey to date/ your previous roles?

My career working on the Government and Pipeline Storage System commenced eight years ago. I started as a Maintenance Apprentice in the North area. During my apprenticeship, I worked in small teams with an Electrical Supervisor working across the network in the UK. As part of my role, I had to complete electrical installation jobs to gain experience and to help the modernisation of the network

What roles/departments do you work with in the business?

Upon completion of my apprenticeship, I was offered the role of Maintenance Electrical Craftsman with CLH-PS. My current role covers up to 11 sites from Immingham to Chester. My role involves fault finding on many different pieces of equipment including instrumentation and some mechanical.

What are you currently working on?

I am currently involved in a major project to modernise the ageing network. This project is extremely interesting and I am learning a huge amount.

For more information, visit www.grupoclh.com





TAHYA SLAVEN
Electrical Instrumentation Engineer

What is your educational or working background?

My initial interest in engineering was sparked when I was selected to be part of the STEM (Science, Technology, Engineering and Maths) team at the specialist engineering and business academy I studied at in Immingham. I moved on to do my AS levels in physics, maths, accounts and graphic design. After the year, I took advice based on a personality and logic test to look for either an apprenticeship or to move into the forces! I took on a government funded apprenticeship with HETA (Humberside Engineering Training Association Ltd) in Scunthorpe, where I won apprentice of the year, before being selected through the interview process to continue my apprenticeship with Inter Terminals. Inter Terminals have since sponsored me to complete my NVQ L3 and HNC in both Electrical and Electronic as well as Instrumentation and Control, both achieved at distinction. I have since gone on to study HND and then a degree in Electrical and Electronic Engineering. I am currently in my final year and on track for a first-class honours.

What has been your career journey to date/ your previous roles?

Prior to taking the apprenticeship, I started work at Elsham Activity Centre where I used various types of equipment such as paintball guns, air rifles, quad bikes and archery equipment and the focus was on responsibility and safety, dealing with different tools and equipment. It was also quite a male environment and this didn't phase me. Once I entered the apprenticeship, I took a third job at a coffee shop and proceeded to work 7 days a week for my first year. I was learning instrumentation, electronics, customer service, working hard and putting in the hours. Upon becoming a technician at Inter Terminals, I quit the

extra jobs to focus on my career and studies. Through Inter Terminals, I have developed site experience as well as qualified in CompEx and other trade specific certifications. I worked my way up to senior EC&I technician before recently being promoted to Electrical Instrumentation Engineer at Immingham.

What might a typical work day entail?

My role as an Electrical Instrumentation Engineer predominantly involves planning and commissioning instrumentation working with flow, ph, pressure, level, and temperature gauging. Getting involved in the design of systems to ensure they work effectively and improve on issues I have seen when working in the field to avoid issues raised from on-site experience. I am involved in planning routine PPMs - planned preventative maintenance - including standard functional tests as well as inspection and testing. Some work orders are reported through operations and then added to the system.

What is the best part of your job?

My job satisfaction comes from solving complex problems under pressure and implementing improved methods of working using my on-site experience.

What roles/departments do you work with in the business?

I primarily work in engineering departments alongside the other terminal engineers and maintenance technicians. I also liaise with operations and safety to complete work when different parties are required.

How have you found your experience working in the tank storage industry?

Interesting, challenging and educational!

What are your career aspirations? Do you think you can fulfil them within the tank storage industry?

Although I am just starting out as an engineer, I hope to evolve and embrace new challenges, settle into my role as a leader and innovative thinker and possibly push myself to complete a master's degree in electrical and electronic engineering. Working in product storage is great, there are various customers with various needs and any number of systems that require support!

For more information, visit www.clh.interterminals.com





ABU MALIK
Operations Manager

What is your educational or working background?

BEng Aero and Astro, MSc Thermal Power Engineering.

I worked at Shell in the Netherlands and Malaysia for two years, then with an energy consultancy in the UK for a year before joining Inter Terminals as Trainee Operations Manager in 2016.

What has been your career journey to date/ your previous roles?

I started as Trainee Operations Manager in February 2016 and was promoted to Operations Manager, Immingham, in June 2017.

Tell us about your current role?

It involves looking after terminal operations, ensuring compliance with legislation, Project Management, Managing Waste Water Treatment Plant, Biomass Steam Generations & Budgeting, developing and improving the Quality Management System, Management of Change and communicating with customers to ensure operational requirements are met. I also deputise for the Deputy Terminal Managers at East and West terminals.

What are you currently working on?

Negotiating contract, the upgrade of Immingham West Control Room, Management of Change for new/existing systems, QMS, Managing Waste Water Treatment Plant, Managing Biomass Steam Generation and maintaining day to day operations.

What might a typical work day entail?

Morning meeting to discuss and address tasks/issues, Management of Change planning, managing and supervising on site work, speaking to customers, monitoring performance of Waste Water Treatment Plant, Steam Generation and resolve any operational issues.

What is the best part of your job?

The diverse work I am involved in. I work with several departments (Operations, Engineering, Stocks, Commercial and Accounting/Finance) so this gives me a really good understanding of how the business operates.

How did you come to work for the tank storage industry?

I was looking for an opportunity in Oil and Gas locally and came to learn of Inter Terminals. I did some research and was impressed with the company's outlook and the things that the company was doing. When I found out about the job opening, I thought this would really fit my background and interest.

How have you found your experience working in the tank storage industry?

It has been an incredible experience, I have learned so much since joining the company. I can say the tank storage industry is more exciting that it seems and sounds.

What are your career aspirations? Do you think you can fulfil them within the tank storage industry?

I'd like to work at an executive level one day.

What are your thoughts on the tank storage sector?

It is more complex and dynamic than one might think. It may look like nothing much is happening from the outside, as it is a storage business, when in reality it is just the opposite. There are so many things happening – product transfers, mixing, blending, rail/ road/ pipeline/ ship operations, engineering works, you name it! There is also a great deal of consideration given to work undertaken as the impact for getting it wrong could be significant.

Do you have any tips for people considering working in the Tank Storage Sector?

Go for it and prepare for exciting challenges!

For more information, visit www.clh.interterminals.com





JAMES WATTS

Electrical Technician

How did you come across this opportunity in the tank storage sector?

Whilst carrying out my A-Levels in 2016, I was actively looking for apprenticeships in oil and gas and utility based companies in Pembrokeshire. I wanted to complete an apprenticeship because it offered 'hands-on' experience and I felt that this would be more beneficial to me. After a series of tests, I was invited to an interview with Puma Energy UK where I was successful in obtaining an apprenticeship as a technical operator.

What has been your career journey to date?

The first year of my apprenticeship was based at Pembrokeshire College, which consisted of a diploma in Operations and Maintenance. This included carrying out machining tasks on lathes and milling machines as well as domestic electrical installations. Following the completion of my first year in college, I was then offered the chance to join the Instrument/Electrical maintenance team, which I accepted. The next three years of my apprenticeship were on day release to college and working on site four days a week as part of the Instrument/Electrical team at the Terminal. There were broad ranges of experience at the terminal which included responding to all electrical faults on site and carrying out preventative maintenance on equipment such as switchgear and motors to working on voltages ranging 12V to 11kV. This on-site experience has really helped improve my capabilities whilst still gaining the theoretical knowledge from studying my NVQ and HNC in Electrical Engineering.

What skills and competencies have you developed?

As I progressed, I was given more responsibilities which began with carrying out minor jobs independently and then progressed to larger tasks such as running projects. This involved me having to seek quotes for parts to identify what would work and what wouldn't. This experience and responsibility has improved my confidence level and helped me to gain a better understanding of the job.

What are your career aspirations? Do you think you can fulfil them within the tank storage industry?

I was fortunate enough to be offered permanent employment with Puma Energy UK following completion of my apprenticeship. In the future, I hope to progress within Puma Energy further and challenge myself with new opportunities and career goals.

For more information, visit www.pumaenergy.com

A photograph of a diverse group of people in a meeting. In the foreground, a woman with long blonde hair is smiling and looking towards the right. Behind her, a man with glasses and a beard is looking in the same direction. In the background, another man is visible, also smiling. The scene is brightly lit, suggesting a window or large light source. A red rectangular box is overlaid on the left side of the image, containing the text 'FIND OUT MORE' in white, bold, uppercase letters.

**FIND OUT
MORE**



Career opportunities

Check out today's vacancies and career opportunities in the bulk liquid storage sector by visiting www.tankstorage.org.uk/jobs.

You can also visit our members' websites to find out more about careers in the sector. For a list of Tank Storage Association's members, visit www.tankstorage.org.uk/tsa-members.



Apprenticeships

You can apply for an apprenticeship while you are still at school but you will need to be 16 or over by the end of the summer holidays to start. For more information about apprenticeships, download the [National Apprenticeship Service Guide](#) and visit www.apprenticeships.gov.uk.

TANK STORAGE ASSOCIATION

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