



EMA Recognised Energy Manager

The Energy Managers Association is pleased to announce that Mohammad Rafique, Energy & Environment Officer at Surrey Police, has joined the ranks of the EMA Recognised Energy Managers after successfully demonstrating the knowledge and skills in energy management through the Knowledge and Skills Gap Analysis Interview.

The EMA runs the Knowledge and Skills Gap Analysis Interview to help energy management professionals to not only pinpoint areas that may need expanding, but also to show that often energy managers know far more than they think they know.

The Interview is a professional discussion with other energy management professionals touching upon your current areas of professional knowledge, whilst at the same time identifying any potential gaps, and suggesting ways to fill those gaps either through learning or mentoring. If interviewees demonstrate all the necessary knowledge in the core energy management competencies during the interview they will be awarded

the official EMA endorsement of the Recognised Energy Manager.

The core competencies are:

- Technical and Operational Competency
- Energy Assessments, Measurements and Verification Competency
- Behavioural Change and Motivation Competency
- Regulatory & Legal Compliance, and Carbon Management Competency
- Energy Management Strategy and Plan Competency
- Waste Management Competency
- Energy Procurement Competency
- Energy Efficient Transport Competency
- Water Management Competency
- Information Technology Competency

For more information regarding the EMA Recognised Energy Manager status and the interview process, please contact jana.skodlova@theema.org.uk or call 0203 916 5516.



SHORT ENERGY MANAGEMENT TRAINING COURSES

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An Interview with an EMA Recognised Energy Manager

What made you choose environment and energy management as a career?

I have been always keen on the environment we live in. In my earlier career, I was horrified to see environmental pollution related to trade effluent discharge. Studying environmental conservation had given me good insights about energy and environmental management and given me opportunity to contribute towards making a difference.

What does your role at your organisation entail?

Surrey Police is responsible for policing the county of Surrey in South East England. Over 3,900 employees operate from 68 different buildings, and the Surrey and Sussex Police have a combined fleet of over 2,200 vehicles. I focus on driving energy and environmental strategy for the force and reducing operational impact on the environment by delivering energy and resources efficiency projects. I am also responsible for environmental compliance and manage utilities and waste contract for the force.



What is the most exciting part of your job?

Developing Net Zero strategy for the force is the most exciting part of my job. Surrey police is aiming to be Net Zero by 2030. We will define our scope and deliver our action plan by the end of March 2021. I am also excited being involved in building a new force headquarters at Leatherhead, Surrey. We are aiming to build a Net Zero HQ which is due to open in 2024.

What has been your biggest achievement to date?

Being recognised as energy manager by the Energy Managers Association.

What was the most exciting project that you worked on and why?

Building management system and controls optimisation streamlined with occupancy and weather demand. This reduced 10% energy wastage and at the same time ensured building users' comfort. Win-win situation.

What is the most frustrating part of your job?

Sometimes frustration arises from formal process change within the organisation. Resources are always a key obstacle for any changes. I accept this as a challenge and continuously seek every opportunity to make changes for good.

If you had the opportunity to change one thing, what would you change?

Operational changes have a knock-on effect on energy usages which is much easier to mitigate if it's planned ahead. Lack of communication between departments and functions often accounts for lost opportunities. I would resolve this communication gap to make my job easier.

If you could recommend three things to ensure success as an environmental manager, what would you recommend?

Energy market and technologies are changing rapidly. I would advise to learn, implement and develop your skills to keep up to date with the changes.

What advice would you give to someone looking to become an energy or environmental manager?

Develop analytical skills. Understanding the energy usage and proper analysis are key to success.

What is the most absurd statement that you have heard in your job?

This is somebody else's problem. Individual action has direct and indirect impact to other livings.

What prompted you to undertake the Knowledge and Skills' Gap Analysis Interview with the EMA?

I have been working in this field for 10 years and achieved a number of academic and professional qualifications within this period. I wanted to find out the areas of skills and knowledge for my continuous professional development. EMA's gap analysis interview really gave me good insights.

Do you think that the EMA Recognised Energy Manager status will allow you to highlight your credentials as an energy manager?

I believe this credential had given me a strong recognition of my skills and knowledge in this field. This is an evidence

of my continuous development journey that I am connected to current good practice and being up to date with knowledge.

How has Covid-19 impacted your role?

Working in emergency services during Covid-19 is kind of business as usual. But we have to keep physical contact at minimum. Most of the meetings are now virtual. We spent less time on the road, more time in analytics. It is really interesting to see energy usage patterns. We switched our AHUs to 100% fresh air due to risk of airborne infection. Most of the support services are working remotely which has given us opportunity to review control strategy and streamlined it with the occupancy. Financial constraint is one of the real concerns for improvement projects due to Covid-19. Like all other organisations, we are only focusing on critical services.

What are your long-term motivations in the company or the position?

I am looking forward to driving the Net Zero strategy for the force. Individual action has direct and indirect impact on other living things. LEVs for emergency response fleet and decarbonising heat for existing aged buildings are the key challenges but I am confident we will get through it. Our Building for the Future Projects, which are part of our Estate's Strategy Programme is an exciting opportunity for our Net Zero ambition.



THE EMA RECOGNISED ENERGY MANAGER

Professional status awarded for successfully demonstrating the knowledge and skills in energy management.

Does the EMA Recognised Energy Manager status highlight your credentials as an energy manager?

JOEL KIRBY



"Absolutely, and this is one of the main reasons I wanted to become a Recognised Energy Manager. I would like to think that this also helps me to demonstrate competency to key members of staff within my workplace. It has not been long since I got the status, but it has helped from a confidence point of view if nothing else, knowing that your knowledge has been validated and that you do know what you are talking about."

"Yes. It demonstrates a level of competency and knowledge which I have used to assure my organisation of my abilities."

PAUL GRAHAM



KIRSTY RICE



"I think Energy Managers now are expected to also manage transport, waste and water – pretty much acting in some ways as an Environmental Manager. Having the EMA accreditation on my CV certainly allows me to demonstrate my professional aptitude in this area and a desire for continuing development which I think employers expect to see."

"It is nice to have the official endorsement of the EMA, and I am sure that it will increase my profile both inside and outside of my organisation. My natural position is to think that it shouldn't matter what qualifications or recognition someone has, as long as they do a good job. However, in reality it is essential for an energy manager to be seen as credible by a broad spectrum of colleagues, in order to garner support for the important work that they do."

CHARLIE COX



DEWI DAY



"I believe that an energy management training programme like this is an important aspect of my career development and has helped broaden my skillset. I have learnt a great deal from the modules that I completed as part of this programme as well as other professional training courses. Shortly after gaining the EMA Recognised Energy Manager status, I was recognised as a star performer in my department at QinetiQ. I also believe that having a recognised energy management qualification can strengthen a CV and help future career progression."



Rewarding Energy Management Knowledge and Skills

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