



Maintenance Engineer (Instrument and Control System)

Marcus Chia

Petrochemical Corporation of Singapore (Private) Limited

RISING TO CHALLENGES

Marcus Chia is not one to shy away from challenges. He believes that the challenges present in the Energy and Chemicals sector gives him the opportunity to grow and become better at his job. As an Engineer (Instrument and Control System, Maintenance) at Petrochemical Corporation of Singapore (Private) Limited, he believes in facing situations head on and learning from them.

One of Marcus's responsibilities is to manage and oversee the maintenance of distributed control systems (DCS) in the plant. Another is to provide instrumentation and control system engineering design and implementation for new projects, including advance process control and optimisation of the process plants in the company. "Working in a petrochemical process plant can be an arduous task, as the processes are usually complex. There is a need to continuously learn," he says.

In May 2017, Marcus represented his company in the Regional Olefin Plant Technical Conference, where he showcased and presented the wireless instrumentation used in the plant to his peers. Recalling the event as one of the most memorable events in this career, Marcus stood out amongst 20 other speakers from around the region and took home the Best Speaker award.

He encourages the younger generation of Singaporeans to join him in the sector. Through outlining the various tracks in the Skills Framework's Career Pathways, he hopes this educates and

encourages those interested in the sector. "Most people are aware of the production and process engineering track, and see it as a natural career choice. Therefore, there needs to be more outreach to get new entrants to see that another route they can take is engineering and maintenance. The Skills Framework for Energy and Chemicals raises awareness on the other options available out there," Marcus says.

His advice for those thinking about joining the sector: "Come in with an open mind and gain as much knowledge as possible. There are many growing sectors in Singapore, and the Energy and Chemicals sector is definitely a good choice!" he says.

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