

Maritime Training Institute, Karachi, Pakistan

full mission engine room plant and HV simulator training systems

the challenge

There was lack of training facilities in Marine Engineering in the region. Candidates typically had to travel overseas (e.g. Singapore and the UK) to undertake these courses. This was expensive and a limiting factor on the sustainable growth of local and regional skills development.

the innovation

The Karachi Maritime Training Institute took the initiative and acquired state of the Art Simulators which include:

- Engine Room Plant Simulator – Full Mission
- HV. High Voltage Simulator

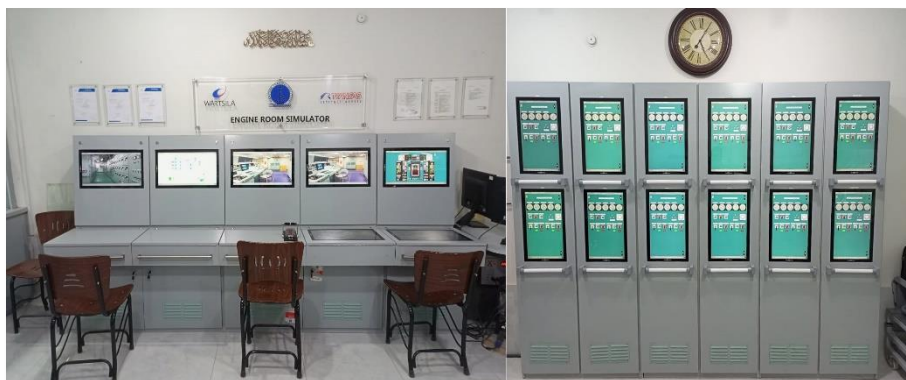
In parallel the Institute put into place train the trainer courses for our instructors so that they should be fully acquainted with the operation of the simulators. As a private institute this was a potentially risky investment with no guarantee of success. It required substantial work and belief in the outcome to create and drive through the business case and deliver the results to our students.

how it was implemented

We identified the system that would meet the learning needs of our candidates.

The next major task was to obtain approval for the spend from local Administration.

We designed a syllabus and training plan consistent with the learning outcomes of the appropriate International Maritime Organisation model standards and submitted them to local Administration. This was a complex process and we finally received approval at our third attempt. Once the simulator equipment was purchased, put in place and tested we commenced courses on our Engine Room Plant simulators ad High Voltage simulator.



result

It was results oriented and has increased access to learning. It has enabling candidates to develop skills and complete courses in their own home town/region rather than having to fund expensive and environmentally costly overseas travel, foreign exchange, visas, etc.



conclusion

We have improved learning and skills development opportunities for our candidates, enabling them to become qualified and providing them with career paths that might not otherwise have been available to them.

LINK: <https://mti.edu.pk/>

