

# Anglo Eastern, Marflex BV launch 1<sup>st</sup> Training Course in Electrically Driven Deep well Pumps in Mumbai



The first training course was kicked off in this sub continent on 25<sup>th</sup> June 2012 at Anglo Eastern maritime Training centre, Mumbai and this training course was exclusively for a reputed shipping company Valles Steamship (Canada) Ltd.

In the opening address, Mr. Erik de Munck, Manager Training, Marflex BV, Netherlands mentioned that Marflex has got many years of experience and highly skilled employees. They ensure that the ship owners get reliable pumps and you guys will have to ensure, these pumps will serve you throughout the lifetime of the ship by operating them, the way it should be. He explained the reason why Marflex selected Anglo Eastern Maritime Training centre as their training partner in Asia at length. Mr. Erik mentioned, Marflex did a good home work and identified Anglo Eastern Maritime Training Centre as their partner purely considering their credentials and reputation in maritime training. Mr. Erik also thanked Valles for sending their officers for the first batch of training at AEMTC. "With that said, we are looking to expand more training opportunities in North and South East Asia. An obvious choice, as those regions have similar needs for sea farers that have limitation to join training in other continents," he added.

While continuing Marflex's strive for pumping excellence, and imparting high value added training for the maritime fraternity, Anglo Eastern Maritime Training Centre and Marflex BV have embarked on yet another commitment to work more effectively with their stakeholders in the field.

Anglo Eastern is again created yet another history in the field of training by collaborating with Marflex, the leading manufacturers of submersible pumps to impart the best possible training for the sailing staff with an integration of practical and theoretical knowledge.



In the inaugural speech, Mr. Francis Akkara, Sr. general manager and Vice Principal of AEMTC spoke about the main difference in the drive mechanism of submersible pumps. He highlighted the difference between the Framo pump and Marflex pumps and why this special training rig is important for the operators.

Anglo Eastern Maritime Centre (AEMTC) Mumbai, India, the training provider of the Global group of Anglo Eastern Ship Management and Marflex BV Netherlands, entered into a mutual cooperation to utilize combined experiences for providing professional training of electrical driven cargo and ballast pump handling systems. The aspect is to provide hands-on and theoretical training for those have better opportunities in the region of India and Asia in particular. The holistic idea is to reach in all strategic areas where sea farers can join training sessions that they feel most suited to their needs. It took nearly 10 months to get the evolving idea of process of getting the idea transformed into reality in building up the training facility, by importing various hardware components and commissioning the entire system at AEMTC, Mumbai.

This facility set up at Anglo Eastern Maritime Training centre is the third in the world and first in Asia. The first being obviously at Rotterdam, next to Marflex factory, the second one at Vladivostok in Russia and the third one is at AEMTC Mumbai.

He mentioned to the participants "You are sitting here to attend this training course to have a thorough understanding of correct operating procedures of the pumping system and to integrate the theoretical knowledge with practical



operation of the entire control system." He proudly announced that the training rig built with the cooperation of Marflex at AEMTC is the state-of-the-art equipment. In other words, this training facility is specially designed for high value training for operation, understanding the system, the working principle and most importantly, the speed control with converter system and troubleshooting with pre prepared faults introduction, which is unique. Mr. Akkara thanked Mr. Peter Vesteeg, the marketing Manager, South East Asia who initiated the novel idea of cooperating in the field of training in this region. He also extended gratitude to Mr. Jeroen Cruck, who helped in commissioning the plant at AEMTC.

"Integration of knowledge with the latest technology is better imparted to seafarers by way of learning by doing. Any eventuality that could happen out at sea can be easily diagnosed and fixed without losing time or resources, if the operator has a similar learning experience of such a situation ashore during the training course" He added. The training rig built at AEMTC is an exact replica of an onboard system and this training tool has got life in it," Francis Mr. Akkara ascertained. "Empowering seafarers with appropriate knowledge in operation and trouble shooting is the commitment of Marflex and Anglo Eastern". He added. He specially acknowledged and appreciated Mr. Erick de Munk, the training Manager of Marflex BV for his innovative ideas of bringing an almost real life model of cargo operating system to AEMTC which has got the ability to introduce pre programmed faults, which could come across out at sea.

Later on Mr. Erik De Munk and Francis Akkara jointly inaugurated the training rig and dedicated to the seafarers for their knowledge enhancement. The training rig has got a ballast pump, one real size deep well pump fitted in the cargo tank, capable of operating as a cargo pump, four other working models of cargo pumps. The system also has got a local operating system, Cargo Control Room console, remote control system for operating cargo pumps and has

got all possible safety interlocks which are required during the cargo operation as per the classification society rules. There are approximately, 22 pre inducted faults both electrical and mechanical related. The local unit has got Siemens Frequency converter system and Cargo Control Room has got a touch screen unit to operate the cargo pumps. This training unit is capable of running pumps in variable rpm both remotely and locally with actual pumping in a tank, similar to a shipboard application. The entire pumping system has got various safety shut downs like low Inert Gas pressure, too low Inert Gas pressure, high back pressure shut down etc to name a few.

The training course for two days was just right and it was a complete mix of theory and practical sessions. The theory on mechanical part, operational aspects, and electrical controls, managing abnormal operating conditions and dis-assembling and assembly of pumps were the interesting part of the training course. The icing of the cake was, fault finding and troubleshooting session with pre- programmed faults introduced by the instructor.

The participants from various ranks were satisfied with the training course and appreciated the efforts put in by faculty of both Anglo Eastern and Marflex B V.

