

Seminar report

■ FOR WATER AND SEWERAGE-RELATED ORGANIZATIONS (COLOMBO, KANDY, SRI LANKA)

Seminar Name	PUMP APPLICATION FOR WATER SUPPLY	Co-organizers	Ebara Engineering Singapore PTE.
Date	Colombo; April 30, 2025 / Kandy; May 2, 2025	Venue	Colombo; NWSDB, Auditorium Kandy; Oak Ray Regency Hotel, Conference room

Outline;

We held a seminar on pump application technology for 93 engineers from Sri Lankan water supply and sewerage related organizations. At the seminar, we presented lectures on the basic knowledge of pumps, the characteristics and selection of pumps, the operating range of pumps, and phenomena related to pump operation, such as cavitation. Many engineers who handle pumps participated, and enthusiastic questions and answers were held based on experiences in practical work.

In addition, the participants seemed more satisfied with the content of each lecture, and gave a high level score for the overall program.

Voices from the participants;

The characteristics and types of pumps, pump specifications and performance curves, consideration of pump operating range, and cavitation phenomena were effective references. The duration of the seminar was shorter compared with the contents of the lectures. We also had expectations for lectures on more practical technical issues related to pumping equipment, including drives.

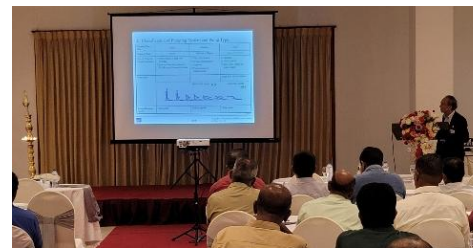
Voices from the lecturers;

All the participants listened enthusiastically to the lectures, and many questions and answers were held in line with practical matters. It seemed that the participants were more satisfied through the Q&A session.

In Colombo



In Kandy



■ ASIAN INSTITUTE OF TECHNOLOGY (BANGKOK, THAILAND)

Seminar Name	PUMP APPLICATION FOR SEWAGE & DRAINAGE SYSTEM	Co-organizers	Asian Institute of Technology (AIT), EBARA (Thailand) LTD.
Date	August 27 ~ September 3, 2025	Venue	Ambassador Hotel, Bangkok, Conference room

Outline;

35 engineers from sewage and drainage-related organizations, engineering companies, universities, etc. in Southeast and Southwest Asian countries participated the seminar. At the seminar, the lecturers presented the lectures on the basic knowledge of pumps, the characteristics and selection of pumps, the operating range of pumps, cavitation, suction sump vortexes, and garbage removal equipment. In addition, the participants visited drainage pumping stations, public sewage treatment plant, and sewage treatment plant in private industrial park. Many engineers who handle pumps participated, and enthusiastic questions and answers were held based on experiences in practical work.

During the lecture, The participants listened to the lectures eagerly. And during the site visits, the participants exchanged opinions with the people in charge of the management of each facility. The participants gave a high level score throughout the overall program.

Voices from the participants;

Many participants felt interested with the characteristics and types of pumps, pump specifications and performance curves, examination of the operating range of pumps, cavitation phenomena, lectures on installation work procedures, and site visits. Any program visiting the pump manufacturing plant and giving lectures on more specialized technical issues in the future are expected.

Voices from the lecturers;

All participants eagerly participated in all the programs, and many questions and answers and opinions were exchanged in line with practical experiences. we feel that the participants subjected through the programs with satisfaction.



■ FOR UNIVERSITIES (ASUNCION, PARAGUAY)

Seminar Name	FUNDAMENTALS OF PUMP TECHNOLOGY	Co-organizers	EBARA BOMBAS AMÉRICA DO SUL LTDA.
Date	October 17, 2025	Venue	Universidad Nacional De Asunción, Auditorium

Outline;

The seminar on the basic technology of pumps was presented to students, faculty staff of the National University of Asunción in Paraguay. Totally 87 persons participated in the seminar. At the seminar, lectures were given on the fundamental knowledges of the pump type, the pump characteristics and selection, the operating range of pumps, and cavitation phenomena. The participants listened the lectures eagerly and were able to deepen their understanding by being able to communicate more specifically during the Q&A session.

The participants gave a high-level score throughout the overall program.

Voices from the participants;

The lectures on the basic requirements of pumps, the characteristics and selection of pumps, the operating points of pumps, the parallel operation of pumps, and cavitation phenomena were interesting.

Voices from the lecturers;

All participants listened these lectures eagerly through out the programs, and questions and answers were held to deepen their understanding. We feel satisfy if the participants got more knowledges through the programs.



■ FOR AGRICULTURAL ORGANIZATIONS (ASUNCION, PARAGUAY)

Seminar Name	PUMPS APPLICATIONS FOR OPEN CHANNEL SYSTEMS	Co-organizers	EBARA BOMBAS AMÉRICA DO SUL LTDA.
Date	October 21~22, 2025	Venue	RECORDELECTRIC, Conference room

Outline;

The seminar on pump application technology for open channel equipment was held for 21 engineers from agricultural organizations and universities in Paraguay. At the seminar, we gave lectures on the basic knowledge of pumps, the characteristics and selection of pumps, the operating range of pumps, cavitation, and phenomena related to pump operation, such as suction tank vortices. Many engineers who handle pumps in practice participated, and enthusiastic questions and answers were held based on practical work, and the overall evaluation was high.

Voices from the participants;

The lectures on various pump types and their differences, cavitation phenomena, and suction tank vortices were interesting.

Voices from the lecturers;

The participants listened eagerly to all the lectures, and many questions and answers and opinions were exchanged in line with practical experiences. We feel that the participants got more knowledge with satisfaction.



■ FOR WATER-RELATED ORGANIZATIONS (DHAKA, BANGLADESH)

Seminar Name	FUNDAMENTALS OF PUMP TECHNOLOGY	Co-organizers	EBARA ENGINEERING SINGAPORE PTE.
Date	November 18~19, 2025	Venue	PAN PACIFIC SONARGAON DHAKA, Conference room

Outline;

The seminar on the fundamental of pump technology was held for 45 engineers from public organizations, universities, and private companies in Bangladesh. At the seminar, the lectures on the basic knowledge of pumps, the characteristics and selection of pumps, the operating range of pumps, cavitation, and phenomena related to pump operation, such as suction tank vortices were presented. Many engineers, who handle pumps practically, listen to the lectures eagerly and they exchanged knowledge through the seminar together with the question-and-answers.

The participants expressed their impression of the seminar with high level overall scores.

Voices from the participants;

The lectures on pump characteristics and basics of selection, pump head and loss calculation, parallel pump operation, cavitation phenomenon, suction tank vortex, and water hammer phenomenon were interesting. Detailed technical contents closer to practical work are expected in the future. A longer seminar period is preferable. Expecting to hold the seminar again.

Voices from the lecturers;

The participants listened eagerly to all the lectures, and many questions and answers and opinions were exchanged in line with practical experiences. We feel that the participants got knowledge with satisfaction.

