

Seminar Report

Seminar: BITZER Semi-hermetic Screw Compressor Technology

Venue: HCMC University of Technology – National University of Vietnam

City, Country: Hochiminh City, Vietnam

Date: 27 June 2011

SEMINAR REPORT



Hochiminh City, 27 June 2011

1. Introduction:

1.1 Time and place:

The Seminar “BITZER Semi-hermetic Screw Compressor Technology” was held at Hall B11 of Ho Chi Minh City University of Technology, a leading university under the Vietnam National University system.

It was jointly organised by Bitzer Refrigeration Asia Limited, Vietnam Rep Office and The Department of Heat & Refrigeration of Ho Chi Minh City University of Technology, thanks to the presentation of Mr. Kwan Chee Wei of BITZER (South East Asia) Sdn. Bhd.



1.2 Purpose:

The Seminar is to introduce BITZER product ranges in general and focus onto the semi-hermetic screw compressors technology for the 3rd and 4th year students of the Heat & Refrigeration Department of the said University, who will become engineers and working in the refrigeration and air conditioning industries of Vietnam in the near future.

1.3 Inauguration:

The seminar was inaugurated by Dr. Le Chi Hiep, Head of Department of Heat and Refrigeration of Ho Chi Minh City of Technology. Dr. Hiep is also the Chairman of the Energy Council of Vietnam National University.

The main speaker of the Seminar was Mr. Kwan Chee Wei.

The Seminar was conducted in English and co-translated in Vietnamese language by Ngo Quang Truong.



1.4 Participants:

- Dr. Le Chi Hiep, Head Department of Heat and Refrigeration, HCMC of Technology University.
- Dr. Tung Ha Anh, Deputy Head of Department of Heat and Refrigeration.
- MsC Bui Quoc Khoa, Lecturer at Head of Department of Heat and Refrigeration.
- MsC Vo Kien Quoc (Lecturer at Head of Department of Heat and Refrigeration.

- Mr. Quach Anh Quan, General Manager of Green Point Viet Nam.
- 75 students of Head of Department of Heat and Refrigeration, of which:
 - 5 Post graduates
 - 40: Senior students
 - 30: Junior students

2. **Programme & Content:**

| | |
|-------------------|--|
| 13.30 h – 13.40 h | Welcome speech (Dr. Le Chi HIEP) |
| 13.40 h – 13.50 h | Introduction of BITZER (Mr. Ngo Quang Truong) |
| 13.50 h – 14.00 h | BITZER Product Ranges (Mr. Kwan Chee Wei) |
| 14.00 h – 15.15 h | HS Screw Compressors Product Range, Design Features, Oil Circuit, Oil Cooling Principle (Mr. Kwan Chee Wei) |
| 15.15 h – 15.30 h | Tea break |
| 15.30 h – 16.45 h | HS Screw Compressors (continued) Parallel Compound, Economiser Operation, Use of Frequency Inverters with HS. Screw Compressors (Mr. Kwan Chee Wei) |
| 16.45 h – 17.00 h | Discussion and Q&A |
| 17.00 h – 17.05 h | BITZER Scholarship Programme & Closing (Ngo Quang Truong) |

❑ Document for participants:

- + BITZER A4 Leaflet & Compressors Product Range
- + Product Range Brochure (AVP)
- + BITZER pen

❑ Gifts & give away: (given to students who have good question or correct answer)

- + 3 BITZER rulers
- + 1 BITZER torch
- + 1 BITZER solar mobile charger
- + 1 BITZER USB

❑ Documents for students: (given to Mr. Vo Kien Quoc for distribution to the Chief of each class)

- + 20 CDROM BITZER Software 5.3 & Full Product Range
- + 5 Product Catalogue - open drive screw compressor
- + 5 Product Catalogue - semi-hermetic screw compressor
- + 5 Product Catalogue - semi-hermetic reciprocating compressor

3. **Review & Evaluation:**

3.1 **Objective evaluation:**

- In general the Seminar has exceeded the original expectation of participation and interests.
- All participants stayed until the last minute of the semina and expressed their interests during the course and Q&A



session. The seminar was prolonged with the extended questions and answers (till 5.40 pm in lieu of 5.05pm).

- It is appreciated with the information and technology shared in Bitzer's Seminar and the University's representative Dr. Hiep advised that Bitzer could hold other ones at the University in the future. The University is always more than welcome and ready to assist BITZER.

The students were fascinated and keen to learn the information and technology introduced by BITZER.

- The success of the Seminar was thanks to the presentation of Mr. Kwan Chee Wei and the full supports of the University's Heat & Refrigeration Department.



3.2 Internal lessons for improvement:

- There's a spelling mistake on the printing of one banner, with the word „siminar”, which was too late to correct at the last hour. Bitzer Vietnam needs to check more carefully at the next job.

- The B11 Hall was sufficient for some 50-60 people but the final number of people exceeded 75, caused few students at the entrance position could not see the presentation that means we'd need a bigger Hall from the University for the next seminar.

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End./.