



# Safety Achievement Safety Achievement

This certificate is presented to

**Viking Airtech Pte Ltd**

for your contribution in  
B249 Chiles Discovery

**ONE MILLION MANHOURS WORKED  
WITHOUT LOST TIME ACCIDENT**

Wilson Goh  
Project Manager  
Keppel FELS Limited

Luis Tovar  
Project Manager  
Chiles Offshore

Dated: 26<sup>th</sup> December 2001



RE: LETTER OF APPRECIATION

VIKING AIRTECH PTE LTD of Singapore is the HVAC, ventilation cold rooms subcontractor.

Hereby we convey our appreciation for the good work done by VIKING AIRTECH PTE LTD that Global Santa Fe Oil Rig R136 has been done and successfully completed.

They are responsible to carry out the design, procurement, fabrication, installation and commissioning of various system.

Wilson Goh  
Project Manager

15 May 2002



## PPL Shipyard Pte Ltd

To Whom It May Concern

Viking Airtech Pte Ltd of Singapore is the HVAC, ventilation cold rooms subcontractor in both our new jack-up Rig constructions namely hull number rig 182 and rig 183.

They are responsible for the design, procurement, installation and commissioning of the various systems.

PPL are quite satisfied with their performance.

K.K. Ng  
Project Manager

3 April 2003



TO: VIKING AIRTECH PTE LTD  
NO 12 GUL STREET 3  
SINGAPORE 627067

DATE: 9<sup>th</sup> APRIL 2003

LETTER OF APPRECIATION

HEREBY WE CONVEY OUR APPRECIATIONS TO VIKING AIRTECH PTE LTD THAT PETROBRAS FPSO P40 HAS BEEN SUCCESSFULLY COMPLETED TO THE SATISFACTION OF THE OWNER.

THE VIKING TEAM HAS CARRIED OUT THE FABRICATION AND INSTALLATION OF THE DUCT WORKS, AIR BALANCING AND COMMISSIONING TO MEET THE PETROBRAS SPECIFICATION REQUIREMENTS AND THE PROJECT TIME SCHEDULE.

GILANDRO AZEVEDO  
PROJECT MANAGER - P40 FPSO PROJECT

JOSE ORLANDO MELO DE AZEVEDO  
Project Manager  
PETROBRAS

## PPL SHIPYARD PTE LTD

Address: 21 Pandan Road, Singapore 609273 • Telephone: (65) 6266 0477 • Website: <http://www.ppl.com.sg>

PPL/GEN/P2001-2/L098  
20 May 2004

TO WHOM IT MAY CONCERN

1. PPL SHIPYARD RIG NEWBUILDING CONTRACT P2001 SANTA FE RIG 182
2. PPL SHIPYARD RIG NEWBUILDING CONTRACT P2002 SANTA FE RIG 183

I am pleased to write this letter at the request of Viking Airtech Pte Ltd as to their participation and involvement in the above new builds which were constructed and completed at our shipyard from 2001 to 2004 for owners Global Santa Fe. I was the Project Manager for both these new builds.

1. P2001 SANTA FE RIG 182

The contract for this project was awarded to Viking Airtech Pte Ltd in February 2001 based on their comprehensive proposal and the professional manner in which their project team discussed the engineering details with the shipyard.

Viking Airtech Pte Ltd was responsible for the engineering design, heat load calculations, plant and equipment specification and drawings, machinery and equipment procurement, production and assembly of main components and systems, installation of air-conditioning and refrigeration machinery, fabrication and installation of air-conditioning and ventilation ducting, and testing, run-up and commissioning for the following systems:

- a. Accommodation Air- Conditioning System comprising chiller units, air handling units, packaged air-cond. unit, and stand alone air-cond. units including associated electrical equipment.
- b. Accommodation ventilation system comprising ducting, ventilation fans, fire dampers, volume dampers, louvers, diffusers, grilles etc.
- c. Mechanical ventilation systems for machinery spaces comprising ducting, ventilation fans, fire dampers, volume dampers etc.
- d. Provision Refrigeration Plant comprising condensing units, fan coil units, associated electrical equipment, provision rooms pre-insulated panels and stainless steel shelvings.

In the engineering design phase, Viking's designers worked closely with our engineering department on the heat load calculations and the various stages of engineering drawings, even stationing themselves at our engineering office for better work integration. This was followed on by their efficient on site project team who worked closely with our shipyard production personnel to ensure that the project schedule would be met.

The commissioning of the various systems was carried out in June 2002, and the project was successfully completed and on schedule.

## PPL

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2. P2002 SANTA FE RIG 183

Based on their good performance and the close rapport and working relationship the yard enjoyed for Rig 182, there was no hesitation in awarding Viking Airtech the follow on newbuilding Rig 183.

The contract was awarded in October 2002 and the project completion was just recently in early 2004. The scope of work was largely similar to Rig 182 but with certain additions and modifications required by the owners, based on the experience gained from building Rig 182. In the areas of air conditioning, refrigeration and ventilations systems, we worked closely with Viking Airtech on many of the additions and modifications to enhance the system operation and effectiveness.

Viking Airtech performed equally well for this second Rig and the various systems were successfully commissioned and delivered on schedule. Even after the delivery of the vessel, when the Rig experienced some problems on one of the systems caused by a source external to the system, Viking's engineers were very responsive and readily rendered their knowledge and experience to eliminate the problem.

There is no doubt that the success of the two new builds was contributed in some ways by the organizational efficiency and effectiveness of the managers, engineers and supervisors of Viking Airtech Pte Ltd.

They had and/or were able to,

- a. provide good project teams in place and good project management practices at site
- b. have strong engineering design and production support
- c. provide good commissioning team comprising knowledgeable engineers
- d. design, procure, produce and assemble quality systems and equipment
- e. be very responsive attitude during construction and after delivery of the Rigs
- f. deliver their systems within the contract period
- g. furnish strong support on equipment, being the authorized Carrier dealer for marine offshore equipment.

These are qualities that would be of immense benefit to any shipyard or rig builder and I have no hesitation in recommending Viking Airtech Pte Ltd for Heating, Ventilation, and Air-Conditioning (HVAC) Systems.

Yours faithfully

K.K. Ng  
General Manager, Engineering  
PPL Shipyard Pte Ltd