



Certificate No.: 113986-1763655-001

Port of Chicago, Illinois

Date: 04 December 2009

INTERIM PRODUCT CERTIFICATE (PQA)

THIS IS TO CERTIFY that on 18 September 2009 the Caterpillar Inc.
plant at Lafayette, Indiana

completed the construction of One (1) 3616 Offshore Auxiliary Engine rated at
4600 BKW (6169 BHP) at 900 RPM

intended for YANTAI RAFFLES SHIPYARD LTD

Hull No. YRO-2007-242

Certificates:

Manufacturer's Assessment Product Quality Assurance

CH970676-X 08-QA 1704-X

And:

The manufacturer has issued the attached "Declaration of Conformity" confirming that the product was
manufactured under a Recognized Quality System in compliance with the ABS Rules for Product Quality
Assurance (PQA); and confirms that the details of design, materials, and workmanship of the product conforms to
the applicable Rules of the American Bureau of Shipping as noted in Product Design Assessment number

02-HS330348/1-PDA, dated 24 October 2007

The product was identified as:

Serial Number:	ESO:	Purchaser's Number:
1PD00596	DPSVY	MA365

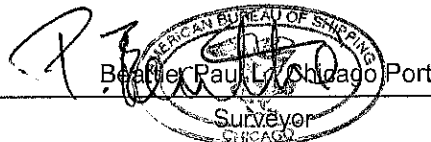
The undersigned have confirmed the quality control surveillance audits as required by the Rules for
Building and Classing Steel Vessels have been carried out at the above plant and

Therefore, contingent upon the completion of satisfactory operational tests aboard the intended vessel,
MODU or facility; this product is considered to be eligible to become part of the Machinery of a classed vessel,
MODU or facility, with the notation of \star signifying the highest classification of Machinery.

Details of the protective devices required to be provided may be found in the noted PDA.

Surveyor

AMERICAN BUREAU OF SHIPPING


Paul L. Chicago, Port
Surveyor
CHICAGO

AMERICAN BUREAU OF SHIPPING

Note: This Certificate evidences compliance with one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Certificate is a representation only that the structure, item of material, equipment, machinery or any other item covered by this Certificate has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping as of the date of issue. Parties are advised to review the Rules for the scope and conditions of classification and to review the survey records for a fuller description of any restrictions or limitations on the vessel's service or surveys. The validity, applicability and interpretation of this Certificate is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Certificate or in any notation made in contemplation of this Certificate shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.

Engine Model: 3616 PETROLEUM GENSET

Serial No.: 1PD00596

Shipyard Name: YANTAI RAFFLES SHIPYARD LTD

Shipyard Address: YANTAI RAFFLES SHIPYARD
70 ZHIFU EAST ROAD, ZHIFU ISLAND
YANTAI, SHANGDONG PROVINCE
P.R. CHINA

Application: 3616 PETROLEUM GENSET

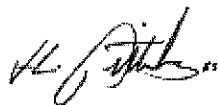
Power (kw): 4600

Speed (RPM): 900

Maximum Firing Pressure (Bar): 167

Declaration of Conformity with Approved Type

We hereby certify that the product described herein has been manufactured to the applicable ABS Rules dated 2009. The product has been tested in accordance with the approved alternate plan meeting the intent the American Bureau of Shipping Rules 2009.



Authorized Caterpillar Representative



Certificate No.: 113986-1763655-002

Port of Chicago, Illinois

Date: 04 December 2009

INTERIM PRODUCT CERTIFICATE (PQA)

THIS IS TO CERTIFY that on 16 October 2009 the Caterpillar Inc.
plant at Lafayette, Indiana
completed the construction of One (1) 3608 Offshore Auxiliary Engine rated at
4600 BkW (6169 BHP) at 900 RPM

intended for YANTAI RAFFLES SHIPYARD LTD Hull No. YRO-2007-242

Certificates:

Manufacturer's Assessment	Product Quality Assurance
CH970676-X	08-QA 1704-X

And:

The manufacturer has issued the attached "Declaration of Conformity" confirming that the product was manufactured under a Recognized Quality System in compliance with the ABS Rules for Product Quality Assurance (PQA); and confirms that the details of design, materials, and workmanship of the product conforms to the applicable Rules of the American Bureau of Shipping as noted in Product Design Assessment number 02-HS330348/1-PDA, dated 24 October 2007;

The product was identified as:

Serial Number:	ESO:	Purchaser's Number:
1PD00603	DPSVD	MA36302

The undersigned have confirmed the quality control surveillance audits as required by the Rules for Building and Classing Steel Vessels have been carried out at the above plant and

Therefore, contingent upon the completion of satisfactory operational tests aboard the intended vessel, MODU or facility; this product is considered to be eligible to become part of the Machinery of a classed vessel, MODU or facility, with the notation of \star signifying the highest classification of Machinery.

Details of the protective devices required to be provided may be found in the noted PDA.

Surveyor

AMERICAN BUREAU OF SHIPPING

Beattie Paul L. Chicago Port
Surveyor
AMERICAN BUREAU OF SHIPPING

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Engine Model: 3616 PETROLEUM GENSET

Serial No.: 1PD00603

Shipyard Name: YANTAI RAFFLES SHIPYARD LTD

Shipyard Address: YANTAI RAFFLES SHIPYARD
70 ZHIFU EAST ROAD, ZHIFU ISLAND
YANTAI, SHANGDONG PROVINCE
P.R. CHINA

Application: 3616 PETROLEUM GENSET

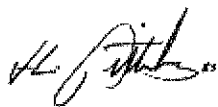
Power (kw): 4600

Speed (RPM): 900

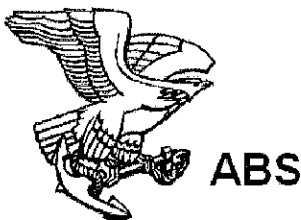
Maximum Firing Pressure (Bar): 167

Declaration of Conformity with Approved Type

We hereby certify that the product described herein has been manufactured to the applicable ABS Rules dated 2009. The product has been tested in accordance with the approved alternate plan meeting the intent the American Bureau of Shipping Rules 2009.



Authorized Caterpillar Representative



Certificate No.: 113986-1763655-003

Port of Chicago, Illinois

Date: 04 December 2009

INTERIM PRODUCT CERTIFICATE (PQA)

THIS IS TO CERTIFY that on 16 October 2009 the Caterpillar Inc.
plant at Lafayette, Indiana

completed the construction of One (1) 3616 Offshore Auxiliary Engine rated at
4600 BkW (6169 BHP) at 900 RPM

intended for YANTAI RAFFLES SHIPYARD LTD

Hull No. YRO-2007-242

Certificates:

Manufacturer's Assessment Product Quality Assurance

CH970676-X 08-QA 1704-X

And:

The manufacturer has issued the attached "Declaration of Conformity" confirming that the product was manufactured under a Recognized Quality System in compliance with the ABS Rules for Product Quality Assurance (PQA); and confirms that the details of design, materials, and workmanship of the product conforms to the applicable Rules of the American Bureau of Shipping as noted in Product Design Assessment number

02-HS330348/1-PDA, dated 24 October 2007 ;

The product was identified as:

Serial Number:	ESO:	Purchaser's Number:
1PD00604	DPSVC	MA36301

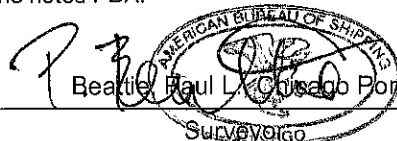
The undersigned have confirmed the quality control surveillance audits as required by the Rules for Building and Classing Steel Vessels have been carried out at the above plant and

Therefore, contingent upon the completion of satisfactory operational tests aboard the intended vessel, MODU or facility; this product is considered to be eligible to become part of the Machinery of a classed vessel, MODU or facility, with the notation of \star signifying the highest classification of Machinery.

Details of the protective devices required to be provided may be found in the noted PDA.

Surveyor

AMERICAN BUREAU OF SHIPPING



AMERICAN BUREAU OF SHIPPING

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Engine Model: 3616 PETROLEUM GENSET

Serial No.: 1PD00604

Shipyard Name: YANTAI RAFFLES SHIPYARD LTD

Shipyard Address: YANTAI RAFFLES SHIPYARD

70 ZHIFU EAST ROAD, ZHIFU ISLAND

YANTAI, SHANGDONG PROVINCE

P.R. CHINA

Application: 3616 PETROLEUM GENSET

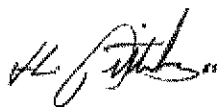
Power (kw): 4600

Speed (RPM): 900

Maximum Firing Pressure (Bar): 167

Declaration of Conformity with Approved Type

We hereby certify that the product described herein has been manufactured to the applicable ABS Rules dated 2009. The product has been tested in accordance with the approved alternate plan meeting the intent the American Bureau of Shipping Rules 2009.



Authorized Caterpillar Representative



Certificate No.: 113986-1763655-004

Port of Chicago, Illinois

Date: 04 December 2009

INTERIM PRODUCT CERTIFICATE (PQA)

THIS IS TO CERTIFY that on 16 October 2009 the Caterpillar Inc.
plant at Lafayette, Indiana

completed the construction of One (1) 3616 Offshore Auxiliary Engine rated at
4600 BKW (6169 BHP) at 900 RPM

intended for YANTAI RAFFLES SHIPYARD LTD

Hull No. YRO-2007-242

Certificates:

Manufacturer's Assessment Product Quality Assurance

CH970676-X 08-QA 1704-X

And:

The manufacturer has issued the attached "Declaration of Conformity" confirming that the product was manufactured under a Recognized Quality System in compliance with the ABS Rules for Product Quality Assurance (PQA); and confirms that the details of design, materials, and workmanship of the product conforms to the applicable Rules of the American Bureau of Shipping as noted in Product Design Assessment number

02-HS330348/1-PDA, dated 24 October 2007

The product was identified as:

Serial Number:	ESO:	Purchaser's Number:
1PD00605	DPSVK	MA36403

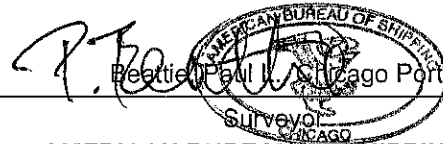
The undersigned have confirmed the quality control surveillance audits as required by the Rules for Building and Classing Steel Vessels have been carried out at the above plant and

Therefore, contingent upon the completion of satisfactory operational tests aboard the intended vessel, MODU or facility; this product is considered to be eligible to become part of the Machinery of a classed vessel, MODU or facility, with the notation of \star signifying the highest classification of Machinery.

Details of the protective devices required to be provided may be found in the noted PDA.

Surveyor

AMERICAN BUREAU OF SHIPPING



AMERICAN BUREAU OF SHIPPING

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Engine Model: 3616 PETROLEUM GENSET

Serial No.: 1PD00605

Shipyard Name: YANTAI RAFFLES SHIPYARD LTD

Shipyard Address: YANTAI RAFFLES SHIPYARD

70 ZHIFU EAST ROAD, ZHIFU ISLAND

YANTAI, SHANGDONG PROVINCE

P.R. CHINA

Application: 3616 PETROLEUM GENSET

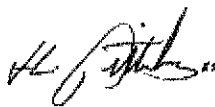
Power (kw): 4600

Speed (RPM): 900

Maximum Firing Pressure (Bar): 167

Declaration of Conformity with Approved Type

We hereby certify that the product described herein has been manufactured to the applicable ABS Rules dated 2009. The product has been tested in accordance with the approved alternate plan meeting the intent the American Bureau of Shipping Rules 2009.



Authorized Caterpillar Representative



Certificate No.: 113986-1763655-005

Port of Chicago, Illinois

Date: 04 December 2009

INTERIM PRODUCT CERTIFICATE (PQA)

THIS IS TO CERTIFY that on 23 November 2009 the Caterpillar Inc.
plant at Lafayette, Indiana

completed the construction of One (1) 3616 Offshore Auxiliary Engine rated at
4600 BKW (6169 BHP) at 900 RPM

intended for YANTAI RAFFLES SHIPYARD LTD

Hull No. YRO-2007-242

Certificates:

Manufacturer's Assessment Product Quality Assurance

CH970676-X 08-QA 1704-X

And:

The manufacturer has issued the attached "Declaration of Conformity" confirming that the product was manufactured under a Recognized Quality System in compliance with the ABS Rules for Product Quality Assurance (PQA); and confirms that the details of design, materials, and workmanship of the product conforms to the applicable Rules of the American Bureau of Shipping as noted in Product Design Assessment number

02-HS330348/1-PDA, dated 24 October 2007 ;

The product was identified as:

Serial Number:	ESO:	Purchaser's Number:
1PD00606	DPSVF	MA36303

The undersigned have confirmed the quality control surveillance audits as required by the Rules for Building and Classing Steel Vessels have been carried out at the above plant and

Therefore, contingent upon the completion of satisfactory operational tests aboard the intended vessel, MODU or facility; this product is considered to be eligible to become part of the Machinery of a classed vessel, MODU or facility, with the notation of \star signifying the highest classification of Machinery.

Details of the protective devices required to be provided may be found in the noted PDA.

Surveyor

AMERICAN BUREAU OF SHIPPING

P. R. Carter
Beatrice, Ill. Chicago Port
Surveyor

AMERICAN BUREAU OF SHIPPING

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Engine Model: 3616 PETROLEUM GENSET

Serial No.: 1PD00606

Shipyard Name: YANTAI RAFFLES SHIPYARD LTD

Shipyard Address: YANTAI RAFFLES SHIPYARD
70 ZHIFU EAST ROAD, ZHIFU ISLAND
YANTAI, SHANGDONG PROVINCE
P.R. CHINA

Application: 3616 PETROLEUM GENSET

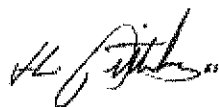
Power (kw): 4600

Speed (RPM): 900

Maximum Firing Pressure (Bar): 167

Declaration of Conformity with Approved Type

We hereby certify that the product described herein has been manufactured to the applicable ABS Rules dated 2009. The product has been tested in accordance with the approved alternate plan meeting the intent the American Bureau of Shipping Rules 2009.



Authorized Caterpillar Representative



Certificate No.: 113986-1763655-006

Port of Chicago, Illinois

Date: 04 December 2009

INTERIM PRODUCT CERTIFICATE (PQA)

THIS IS TO CERTIFY that on 30 November 2009 the Caterpillar Inc.
plant at Lafayette, Indiana

completed the construction of One (1) 3616 Offshore Auxiliary Engine rated at
4600 BKW (6169 BHP) at 900 RPM

intended for YANTAI RAFFLES SHIPYARD LTD

Hull No. YRO-2007-242

Certificates:

Manufacturer's Assessment Product Quality Assurance

CH970676-X 08-QA 1704-X

And:

The manufacturer has issued the attached "Declaration of Conformity" confirming that the product was manufactured under a Recognized Quality System in compliance with the ABS Rules for Product Quality Assurance (PQA); and confirms that the details of design, materials, and workmanship of the product conforms to the applicable Rules of the American Bureau of Shipping as noted in Product Design Assessment number

02-HS330348/1-PDA, dated 24 October 2007

The product was identified as:

Serial Number:	ESO:	Purchaser's Number:
1PD00607	DPSVH	MA36401

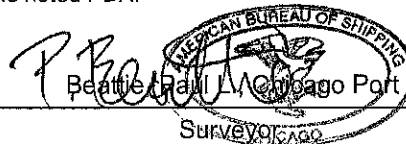
The undersigned have confirmed the quality control surveillance audits as required by the Rules for Building and Classing Steel Vessels have been carried out at the above plant and

Therefore, contingent upon the completion of satisfactory operational tests aboard the intended vessel, MODU or facility; this product is considered to be eligible to become part of the Machinery of a classed vessel, MODU or facility, with the notation of \star signifying the highest classification of Machinery.

Details of the protective devices required to be provided may be found in the noted PDA.

Surveyor

AMERICAN BUREAU OF SHIPPING



AMERICAN BUREAU OF SHIPPING

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Engine Model: 3616 PETROLEUM GENSET

Serial No.: 1PD00607

Shipyard Name: YANTAI RAFFLES SHIPYARD LTD

Shipyard Address: YANTAI RAFFLES SHIPYARD

70 ZHIFU EAST ROAD, ZHIFU ISLAND

YANTAI, SHANGDONG PROVINCE

P.R. CHINA

Application: 3616 PETROLEUM GENSET

Power (kw): 4600

Speed (RPM): 900

Maximum Firing Pressure (Bar): 167

Declaration of Conformity with Approved Type

We hereby certify that the product described herein has been manufactured to the applicable ABS Rules dated 2009. The product has been tested in accordance with the approved alternate plan meeting the intent the American Bureau of Shipping Rules 2009.



Authorized Caterpillar Representative



Certificate No.: 113986-1763655-007

Port of Chicago, Illinois

Date: 04 December 2009

INTERIM PRODUCT CERTIFICATE (PQA)

THIS IS TO CERTIFY that on 23 November 2009 the Caterpillar Inc.
plant at Lafayette, Indiana

completed the construction of One (1) 3616 Offshore Auxiliary Engine rated at
4600 BKW (6169 BHP) at 900 RPM

intended for YANTAI RAFFLES SHIPYARD LTD

Hull No. YRO-2007-242

Certificates:

Manufacturer's Assessment Product Quality Assurance

CH970676-X 08-QA 1704-X

And:

The manufacturer has issued the attached "Declaration of Conformity" confirming that the product was manufactured under a Recognized Quality System in compliance with the ABS Rules for Product Quality Assurance (PQA); and confirms that the details of design, materials, and workmanship of the product conforms to the applicable Rules of the American Bureau of Shipping as noted in Product Design Assessment number

02-HS330348/1-PDA, dated 24 October 2007 ;

The product was identified as:

Serial Number:	ESO:	Purchaser's Number:
1PD00610	DPSVG	MA36304

The undersigned have confirmed the quality control surveillance audits as required by the Rules for Building and Classing Steel Vessels have been carried out at the above plant and

Therefore, contingent upon the completion of satisfactory operational tests aboard the intended vessel, MODU or facility; this product is considered to be eligible to become part of the Machinery of a classed vessel, MODU or facility, with the notation of ✱ signifying the highest classification of Machinery.

Details of the protective devices required to be provided may be found in the noted PDA.

Surveyor

AMERICAN BUREAU OF SHIPPING

P. Beattie
Chicago Port
Surveyor

AMERICAN BUREAU OF SHIPPING

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Engine Model: 3616 PETROLEUM GENSET

Serial No.: 1PD00610

Shipyard Name: YANTAI RAFFLES SHIPYARD LTD

Shipyard Address: YANTAI RAFFLES SHIPYARD

70 ZHIFU EAST ROAD, ZHIFU ISLAND

YANTAI, SHANGDONG PROVINCE

P.R. CHINA

Application: 3616 PETROLEUM GENSET

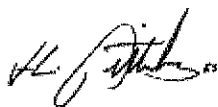
Power (kw): 4600

Speed (RPM): 900

Maximum Firing Pressure (Bar): 167

Declaration of Conformity with Approved Type

We hereby certify that the product described herein has been manufactured to the applicable ABS Rules dated 2009. The product has been tested in accordance with the approved alternate plan meeting the intent the American Bureau of Shipping Rules 2009.



Authorized Caterpillar Representative



Certificate No.: 113986-1763655-008

Port of Chicago, Illinois

Date: 04 December 2009

INTERIM PRODUCT CERTIFICATE (PQA)

THIS IS TO CERTIFY that on 23 November 2009 the Caterpillar Inc.
plant at Lafayette, Indiana

completed the construction of One (1) 3616 Offshore Auxiliary Engine rated at
4600 BKW (6169 BHP) at 900 RPM

intended for YANTAI RAFFLES SHIPYARD LTD

Hull No. YRO-2007-242

Certificates:

Manufacturer's Assessment Product Quality Assurance

CH970676-X 08-QA 1704-X

And:

The manufacturer has issued the attached "Declaration of Conformity" confirming that the product was
manufactured under a Recognized Quality System in compliance with the ABS Rules for Product Quality
Assurance (PQA); and confirms that the details of design, materials, and workmanship of the product conforms to
the applicable Rules of the American Bureau of Shipping as noted in Product Design Assessment number

02-HS330348/1-PDA, dated 24 October 2007

The product was identified as:

Serial Number:	ESO:	Purchaser's Number:
1PD00611	DPSVJ	MA36402

The undersigned have confirmed the quality control surveillance audits as required by the Rules for
Building and Classing Steel Vessels have been carried out at the above plant and

Therefore, contingent upon the completion of satisfactory operational tests aboard the intended vessel,
MODU or facility; this product is considered to be eligible to become part of the Machinery of a classed vessel,
MODU or facility, with the notation of ✱ signifying the highest classification of Machinery.

Details of the protective devices required to be provided may be found in the noted PDA.

Surveyor

AMERICAN BUREAU OF SHIPPING

P. P. [Signature]
Beattle, Paul A. Chicago Port
Surveyor

AMERICAN BUREAU OF SHIPPING

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Engine Model: 3616 PETROLEUM GENSET

Serial No.: 1PD00611

Shipyard Name: YANTAI RAFFLES SHIPYARD LTD

Shipyard Address: YANTAI RAFFLES SHIPYARD

70 ZHIFU EAST ROAD, ZHIFU ISLAND

YANTAI, SHANGDONG PROVINCE

P.R. CHINA

Application: 3616 PETROLEUM GENSET

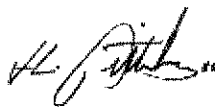
Power (kw): 4600

Speed (RPM): 900

Maximum Firing Pressure (Bar): 167

Declaration of Conformity with Approved Type

We hereby certify that the product described herein has been manufactured to the applicable ABS Rules dated 2009. The product has been tested in accordance with the approved alternate plan meeting the intent the American Bureau of Shipping Rules 2009.



Authorized Caterpillar Representative