



中国船级社
CHINA CLASSIFICATION SOCIETY

证书格式号/Form: T01.01-
HQ002225

型式认可证书
CERTIFICATE OF TYPE APPROVAL

证书编号/Certificate No. GB13T00028

兹证明本证书所述制造厂生产的下列产品能够满足下面列明认可标准的要求。

This is to certify that the following products produced by the manufacturer stated in the certificate can meet the requirements of the approval standards listed below.

认可产品/ Product Approved

船用柴油机

MARINE DIESEL ENGINE

制造厂/ Manufacturer

AB Volvo Penta

AB Volvo Penta

Gropegårdsgatan, 40508 Gothenburg, Sweden

Gropegårdsgatan, 40508 Gothenburg, Sweden

认可标准/ Approval Standard

1. CCS《钢质海船入级规范》(2012)第3篇, 第9章
Chapter 9, Part 3 of CCS Rules for the Classification of Sea-going Steel Ships 2012

证书有效期至/ This certificate is valid until

2017年3月15日 / Mar. 15, 2017

发证机构
Issued by

中国船级社哥德堡办事处
CCS Gothenburg Office

签发日期
Date

2013年6月30日
Jun. 30, 2013

本证书根据中国船级社《钢质海船入级规范》及相关程序规定签发。关于证书的有类规定见本证书背面的说明。当本证书包括多页时, 将所有证书页为一个整体, 必须同时使用。每一页证书均须由本社盖章方为有效。证书复印件无效, 任何单位和个人均不应摘录或节选本证书的部分内容。本认可证书不代表本社对产品质量的检验。有关各方对所持证书的真实性负责, 可向本社检验机构咨询。
This Certificate is issued pursuant to the Rules for Classification of Sea-going Steel Ships and related procedures of the Society. Refer to the back of the certificate for detailed requirements of the certificate. When the certificate consists of more than one page, all pages of the certificate are taken as a whole and are used simultaneously. No certificate page is valid without bearing the stamp of the Society and no copied form of the certificate is regarded as valid. Any part of the certificate is not to be extracted or abridged by any unit or individual in any form. This approval certificate does not constitute the inspection of the Society about the quality of the unit/batch product. Related parties who are doubted about the authenticity of the certificate may inquire of the Society or its offices.

CCS
中国船级社



中国船级社总部/CCS headquarters: 北京市东直门南大街9号船检大厦 邮编: 100007 电话/Tel: +86(10)68112288 传真/Fax: +86(10)59112811
CCS London, 9 Dongzhimen Nan Da Jie, Beijing 100007, China 网站/Web Site: <http://www.ccs.org.cn>
本地检验机构/CCS local office: 中国船级社哥德堡办事处 CCS Gothenburg Office 电话/Tel: +46(31)131165 传真/Fax: +46(31)7118881

第 1 页 共 3 页 / Page 1 of 3

GB08933518

No. 13139981

产品明细/ Product Description

船用柴油机/Marine Diesel Engine
型式/Type

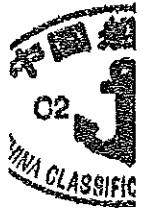
: D9, Refer attached for detail.

批准的图纸和设计计算书/ Approved Drawings and Design Calculations

图纸批准号/ Drawings Approval No. : HBT04122024-1

产品认可试验报告/ Approval Test Report

试验报告编号/Test Report No.	:	66617-1.4
试验报告日期/Test Report Date	:	2004-07-01
试验单位/ Laboratory	:	AB Volvo Penta
试验单位地址/ Test Address	:	Gropegardsgatan, SE-40508 Gothenburg, Sweden
试验报告编号/Test Report No.	:	68569-4
试验报告日期/Test Report Date	:	2004-12-08
试验单位/ Laboratory	:	AB Volvo Penta
试验单位地址/ Test Address	:	Gropegardsgatan, SE-40508 Gothenburg, Sweden
试验报告编号/Test Report No.	:	69740-1
试验报告日期/Test Report Date	:	2005-03-17
试验单位/ Laboratory	:	AB Volvo Penta
试验单位地址/ Test Address	:	Gropegardsgatan, SE-40508 Gothenburg, Sweden
试验报告编号/Test Report No.	:	37899-1
试验报告日期/Test Report Date	:	2002-01-04
试验单位/ Laboratory	:	AB Volvo Penta
试验单位地址/ Test Address	:	Gropegardsgatan, SE-40508 Gothenburg, Sweden



产品适用范围/ Application of the Product

Propulsion/Aux./Emergency, Refer attached for detail.

认可保持条件/ Maintenance Requirements of Approval

1. 型式认可后, 如果产品及其重要零部件的设计、所用材料或制造方法有所改变, 且影响到产品的主要特性、特征; 或产品的性能指标有所更改, 且超过认可的范围, 则有关图纸和文件应经检验机构审批。并在检验机构认为必要时, 经本社检验人员见证有关试验和进行检查, 其结果应能证实仍符合认可条件。
After type approval, if there are changes to the design, materials used or manufacturing method of the product and important components and such changes affect major characteristics and properties of the product, or property indexes of the product are changed and exceed the scope of approval, related drawings and documents are to be examined and approved by the concerned survey office. Where deemed necessary by the survey office, the surveyor to the Society will go to witness relevant tests and conduct inspection and the results should be able to demonstrate compliance with the approval conditions.

2. 工厂的专业质量管理体系应保持有效运行, 并且与认可时一致。如果质量管理体系发生改变, 应经原体系认证机构审核并报本社批准。
The professional quality management system of the factory shall be ensure effective operation, and shall be the same as the situation of approval. If there are any changes to the quality management system, auditing of the original certification organization for quality management system and the society's approval shall be obtained.

3. 认可证书有效期内, 如果出现可能导致本社取消认可的情况, 工厂应及时采取有效的纠正措施。
Within the validity of the approval certificate, if cases occur that may cause the Society to withdraw the approval, the manufacturer should take corrective actions in a prompt and effective manner.

4. 在认可证书有效期内, 本社检验人员可在未经事先通知的情况下对工厂的产品制造过程进行审核, 以验证产品的生产是否符合业经本社批准的图纸和文件。工厂应予以配合。
Within the validity of the approval certificate, the surveyor to the Society may pay unannounced audit to the manufacturing process of the product in order to confirm whether it is in compliance with the drawings and documents approved by the Society. The factory should provide an active cooperation and necessary for the surveyor.

认可后的产品检验方式/ Method of Product Inspection after Approval

按照规则逐件检验的产品/ The product inspected one by one in term of the rules:

认可后的产品检验应由本社验船师根据本社规范规定逐件按批准的产品检验计划进行检验, 经检验合格后由本社颁发产品证书。
After approved product inspection should be carried out one by one by the Surveyor of the Society in accordance with the approved product inspection scheme, and the Product Certificate



D9 Diesel Engine Technical Particulars

Name	Diesel Engine								
Type	D9								
Drawing approval No.	HBT04122024-1								
Description	4 strokes, In-Line, Direct injection, Turbocharged, and after cooled diesel engine								
No. of cylinders	6								
Cylinder bore	120mm								
Piston stroke	138mm								
Displacement total, liters	9.36								
Application Prop/Aux/Emergency	Propulsion						Aux/ Emergency		
Rated power(kW)	221	261	261	313*	313*	368	239	247	278
Rated Speed (r/min)	1800	1800	2200	2200	2200	2600	1500	1500	1800
Max. firing pressure(bar)	171	178	181	185	185	194	178	178	178
Mean indicated pressure(bar)	18.5	21.9	17.9	21.4	21.4	21.3	20.0	24.8	23.2
*Note: The guarantee for engine running hours for different application is subject to specification of AB VOLVO PENTA.									

