



MARINE DIVISION

**BUREAU
VERITAS**

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Certificate N°:1085RTD05REC

**INSPECTION CERTIFICATE
FOR
CRANKSHAFT**

Manufacturer : WÄRTSILÄ FINLAND OY (Vaasa - FINLAND)
Work's ref N° : 5015
Supplier :
Purchaser : ROB HEUKOOP TRADING BV (DORDRECHT - NETHERLANDS)
Purchaser's order N° : 501011
Classification Rules : BV Rules 2003

Product description : EXISTING RE-CONDITIONED CRANKSHAFT
Design review : Type approval ref(s) : 05566/D0 BV
Quantity : 1 pc.

Stage of manufacture : Machined/finished
Declared as intended for : Wärtsilä diesel engine type 6L20
Previous marking: : F426769 CH.212648 1V11A0293/B42CrMo4V/Norske veritas 8-1810
Nominal size mainjournals: : 209.50 mm., standard size:210.00 mm.
Nominal size crankpins: : 179.50 mm., standard size:180.00 mm.
Hardness: : HB 29-33
Width thrust: : 68.00 mm.
REMARKS: : All mainjournals and crankpins machined 0.5 mm.undersize.

Enclosures / Remarks:

This is to attest that the product described hereabove has been tested and examined with satisfactory results, in accordance with Bureau Veritas Rules for Classification

Marking : 1085RTD03BV05REC**Last inspection** : 10 Mar 2005**Issuance date** : 21 Apr 2005**Surveyor** : Jacques Huurenkamp**Office** : BV ROTTERDAM**Signature:**

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DNV-GL

CERTIFICATE
FOR BLOCK FOR DIESEL ENGINE

Certificate No:
42162 D

Particulars of Vendor and Purchaser

Vendor:
Vendor reference:
Purchaser: **Bob Heijkoop Trading B.V.**
Purchaser reference:

Particulars of Product

The product is intended for
Yard: " "
Yard No: " "
Name of vessel: **"STOCK "**
DNV GL Id No: " "

This is to certify

that the product: **Block for Diesel Engine**
Type designation: **Wärtsilä 6 L 30**
Application/context:
Serial/tag no: **N.A.**

Has been found to comply with relevant requirements in:
SHIP_GL IGL Rules for Ship Technology / Seagoing Ships (2014)

The product / material has been marked: 42162 D REP 04 (GL) 14 on: Block

Issued at **Essen** on **2015-04-20**



for **DNV GL**
This document has been digitally signed and
will therefore not have handwritten
signatures.
Page, Wilhelm Peter
Surveyor



