



# NIPPON KAIJI KYOKAI

## CERTIFICATE

No. FE14RT00191

Date: December 1, 2014

THIS IS TO CERTIFY that I, the undersigned Surveyor to Nippon Kaiji Kyokai (Netherlands) B.V., did at the request of Messrs. Nicoverken Holland B.V. attended their works at Schiedam, The Netherlands, on December 1, 2014 in order to examine:

ONE (1) CRANKSHAFT (RECONDITIONED)  
ONE (1) A-FRAME (RECONDITIONED)

In accordance with the relevant requirements of the Makers specification and that I found it satisfactory.

Intended for: Stock  
Order number: PR14 000000 18/ PR14 000000 19

Particulars A-frame:  
Type: Yanmar 6N21  
Markings: 3865 FTF 3C-18  
Casting No.: 8N21N8 6N21N9 3-30107-2  
Test and Inspection: Visual examination including confirmation of marking and Review of bedplate alignment protocol.  
Review NDT report by specialist and found free of fractures

Particulars Crankshaft:  
Type: Yanmar 6N21  
Diameter of pin & journal: Original: 170.00 mm & 200.00 mm  
Diameter of pin & journal: Reconditioned: 169.60 mm & 199.60 mm  
Markings: Z20577-10-1 S45CMOD-2 NK356 (K) 15-JAN-03  
Test and Inspection: Crankshaft checked by specialist and found free of fractures.  
Main and crank journals machined 0.40 mm undersized.  
Measurements protocol confirmed

Results of inspection: Found A-frame and Crankshaft in serviceable condition.

For identification, inspection mark and test number were stamped as follows:

NK1943  
FE14RT00191

  
E.L. Feij  
Surveyor to  
NKK(Netherlands) B.V.