



22 December 2011

Refer to: VB
MMPS: 7739
O2E: 835535
OID: 2692051
Cert: 11-283

CKD Kutna Hora a.s.
Karlov 197
284 01 Kutna Hora
Czech Republic

Subject: Renewal of Foundry Facility and Process Certification to Produce Cast Steel Products for Marine Applications

Attn: Mr. David Elias

We advise that CKD Kutna Hora a.s., Karlov 197, 284 01 Kutna Hora, Czech Republic is considered approved under the ABS Foundry Approval Program as outlined below and attested in the certificate enclosed herewith. The Certificate is subject to renewal in five years from its effective date.

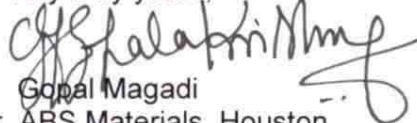
Relevant ABS Rules are to be adhered to in all respects, and production, testing, and NDT procedures are to be to the satisfaction of the attending Surveyor.

Product	:	Steel Castings ⁽¹⁾⁽²⁾ (Cable Lifters, Sheaves) ⁽³⁾
Alloy Types	:	Non ABS Grades
	:	Carbon, C-Mn, Low and Medium Alloy Steels
	:	Grades C45, E300-520-MSC1, GS20Mn5, AAR M201 GRC, NFA 32-54 Meeting ASTM A216, A148, or Equivalent EU/DIN Specification Requirements
Manufacturing Process	:	Sand Casting
Maximum Weight	:	8,000kg

Notes:

1. Steel castings are to be design approved when used on ABS classed vessels.
2. It is the responsibility of the facility to inform and obtain ABS approval, if any changes are made in the manufacturing procedure specification(s), and/or, to the processing parameters as compared to initially approved technical document(s)
3. Weld repairs of listed and approved components are generally restricted. When carried out, weld repair and NDT inspection procedures are to be to the satisfaction of the attending ABS Surveyor.

Very truly yours,


Gopal Magadi

Manager, ABS Materials, Houston

Enclosure

cc: ABS Pilsen, Czech Republic

AMERICAS DIVISION

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CERTIFICATE NO:
11-MMPS-CF&PAC-283

EFFECTIVE DATE:
29 SEPTEMBER 2011

CERTIFICATE OF CASTING FACILITY AND PROCESS APPROVAL

BASED ON ENGINEERING REVIEW AND A PLANT SURVEY OF THE FACILITY,
IT IS HEREBY CERTIFIED THAT

CKD KUTNA HORA A.S. KUTNA HORA, CZECH REPUBLIC

IS APPROVED TO PRODUCE STEEL CASTINGS FOR USE IN MARINE APPLICATIONS
AS OUTLINED IN ABS PILSEN PORT OFFICE SURVEY REPORT NO: PS 2026 016
DATED 29 SEPTEMBER 2011 AND APPROVAL LETTER ISSUED.

THIS APPROVAL IS VALID FOR FIVE YEARS FROM THE EFFECTIVE DATE ON THIS
CERTIFICATE. THE RELEVANT ABS RULES ARE TO BE ADHERED TO IN ALL
RESPECTS, AND PRODUCTION, INSPECTION, AND TESTING OF THE CASTINGS ARE
TO BE TO THE SATISFACTION OF THE ATTENDING ABS SURVEYOR.



Gopal Magadi
Manager
ABS Materials, Houston

Ref: O2E TASK: 835535; OPN: 2692051; MMPS: 7739

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 governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof.