



12 December 2012

Refer to: JO
MMPS: 7910
O2E: 975503
OPN: 2880017
Cert: 12-421

Simplex Castings Limited (Special Casting Division)
Urla Industrial Estate, Ring Road No. 2
Sarora, Raipur 493-221, India

Subject: Initial Foundry Facility and Process Certification to Produce Steel Products for Marine Applications

Attn: Mr. A.K. Sharma; DGM (QA)

We advise that Simplex Castings Limited (Special Casting Division) 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⁾ (Gear Wheel, Stern Boss, Bracket, Valve, Pump) ⁽³⁾
Alloy Types	Non-ABS Grades
	Carbon, C-Mn, Low Alloy & High Alloy Steel
	ASTM A216: WCB; ASTM A217: WC6, WC9 ASTM A351: CF8M, CF8C; ASTM A352: LCB, LCC BIS IS 1030: 280-520W; BIS IS 2644: CS 700 BIS IS 2708: EMS 22 Customer Specification: GDFNL, G17CrMoV5-10
Manufacturing Process	: Sand Casting
Maximum Weight	: 32,000 kg

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 repair and NDT inspection procedures of listed and approved cast steel products are to be reviewed and approved by ABS and are to be deployed to the satisfaction of the attending ABS surveyor.

Very truly yours,

Gopal Magadi
Manager,

ABS Materials, Houston

enclosure
cc: ABS Kolkata

AMERICAS DIVISION

ABS PLAZA, 18855 NORTHCHASE DRIVE, HOUSTON, TEXAS 77060, USA
TEL: 1-281-877-6148 FAX: 1-281-877-6121 Email: joehrie@eagle.org

www.eagle.org

150 years
Tradition in safety



CERTIFICATE NO:
12-MMPS-CF&PAC-421

EFFECTIVE DATE:
22 NOVEMBER 2012

CERTIFICATE OF CASTING FACILITY AND PROCESS APPROVAL

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

SIMPLEX CASTINGS LIMITED, RAIPUR, INDIA

IS APPROVED TO PRODUCE STEEL CASTINGS FOR USE IN MARINE APPLICATIONS
AS OUTLINED IN ABS KOLKATA PORT OFFICE SURVEY REPORT NO: CC2239062
DATED 22 NOVEMBER 2012 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: MMPS: 7910; O2E TASK: 975503; OPN: 2880017

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.