



**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF
MATERIALS**
No. FAB276118XG

This is to certify that the manufacture of the product identified below is in compliance with the applicable requirements of the RINA Rules for the Approval of Manufacturers of Materials.

<i>Description</i>	Castings
<i>Type</i>	Iron and Steel Castings
<i>Applicant</i>	Silbitz Guss GmbH Dr-Maruschky-Straße 2 D-04613 Silbitz GERMANY
<i>Reference standards</i>	RINA Rules for the approval of manufacturers of materials

Issued in **RINA Hamburg Marine** on **November 19, 2018**. This Certificate is valid until **November 19, 2023**



M. Peters

RINA Services S.p.A.

This certificate consists of this page and 1 enclosure



FAB276118XG
Silbitz Guss GmbH

Iron castings:

Grey Iron Castings acc.: EN 1561:
EN-GJL-200, EN-GJL-250, EN-GJL-300, EN-GJL-350,

Nodular Iron Castings acc.: EN 1563:
EN-GJS-350-22-LT, EN-GJS-400-18-LT, EN-GJS-400-18, EN-GJS-400-15, EN-GJS450-10,
EN-GJS-500-7, EN-GJS-600-3, EN-GJS-700-2, EN-GJS-800-2,

Vermicular Iron Castings acc.: EN 16079:
EN-GJV-300, EN-GJV-300-620, EN-GJV-350, EN-GJV-400, EN-GJV-450, EN-GJV-500,

Steel castings:

acc.: EN10293:
GE240, G20Mn5, G24Mn6, G28Mn6, G20Mo5, G17CrMo5-5, G17CrMo9-10,

acc.: EN10213:
GP240GH, GP280GH, G17CrMoV5-10, GX8CrNi12, GX3CrNi13-4, GX4CrNi13-4,
GX12CrMoVNbN9-1,

acc.: SEW520:
G22NiMoCr5-6,

-Castings acc. the Standards mentioned above or similar to RINA-Rules,
-Weight of castings up to 10t,

 RINA U. Peter

