

**CERTIFICATE OF APPROVAL OF MANUFACTURERS OF  
MATERIALS**  
No. CTC034307TS



**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>	<b>Steel forgings</b>
<i>Type</i>	<b>Steel forgings intended for semi built crankshafts. Max weight 190.000 kg</b>
<i>Manufacturer</i>	<b>VITKOVICE HEAVY MACHINERY A.S.</b>
<i>Place of manufacture</i>	<b>RUSKA 2887/101 706 02 OSTRAVA VITKOVICE</b>
<i>Reference standards</i>	<b>RINA Rules for the approval of manufacturers of materials</b>

*Issued in Genoa on June 21, 2007. This Certificate is valid until January 1, 2012*



RINA

*Silvio Arimondo*

*f* This certificate consists of this page and 1 enclosure