



## Approved Manufacturer of Steel Forgings

<b>Manufacturer</b>	<b>Doosan Enerbility Co., Ltd.</b>
<b>Address</b>	22, Doosan volvo-ro, Seongsan-gu, Changwon-si, Gyeongnam, 51711, South Korea
<b>Type</b>	Steel Forgings

This approval is subject to compliance with the Rules for the Manufacture, Testing and Certification of Materials. The full details of the processes and grades to which this approval applies are given on subsequent pages of this certificate.

This certificate is issued to the named manufacturer, and is valid until the expiry date specified. Lloyd's Register is to be notified of any change that may affect the validity of this certificate, and reserves the right to cancel or withdraw this certificate.



71 Fenchurch Street, London, EC3M 4BS, United Kingdom

**Lili Hou**

Metallurgy Team Leader to Lloyd's Register  
EMEA  
A member of the Lloyd's Register group

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Steel Forgings	Forgings	Grades	Maximum Weight	Units
-	-	Carbon	300.00	Tonnes
-	-	Carbon-manganese	300.00	Tonnes
-	-	Alloy	300.00	Tonnes
-	-	austenitic stainless	300.00	Tonnes

### Additional Remarks

**Forgings in Carbon, Carbon/Manganese Steel, Alloy and Austenitic Stainless Steel.**

**Approval includes semi-built crankshafts.**

**Approval includes semi-finished products and forgings in Alloy Steel material, HY-80, to specification T9074 - BD - GIB - 010 / 0300, Rev. 2.**

**HY-80, for approved applications only. Maximum weight, 25 tonnes .**

**All production welding on HY-80 shall be carried out in accordance with a welding procedure (WPS), qualified with the temper and bead technique.**



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