中国船级社
CHINA CLASSIFICATION SOCIETY

型式认可证书
CERTIFICATE OF TYPE APPROVAL

This is to certify that the manufacturer stated in the certificate meets the requirements of the standards listed below and is available with the ability and conditions to produce the products described in the certificate.

制造商/Manufacturer

Victaulic Company

地址/Address

4901 Kesslersville Road, Easton, PA 18040, USA

产品名称/Product

管系附件
Piping Fitting

机械接头
Mechanical Joint

认可标准/Approval Standard

1. 中国船级社《钢质海船入级规范》（2018）及其修改通报第3篇第2章
Chapter 2, Part Three of China Classification Society Rules for Classification of Sea-Going Steel Ships 2018 and its Amendments

用于/Intended for

船舶与海上设施/Ships and Offshore Installations

证书有效期至/This Certificate is valid until

2021年02月12日/ Feb. 12, 2021

签发日期

2020年04月09日

Date

Apr. 09, 2020

Issued by

CCS Vancouver Office

N0. 10304314
### Product Description

**Mechanical Joint (M001)**

<table>
<thead>
<tr>
<th>Name (Name)</th>
<th>Value (Value)</th>
<th>Unit (Unit)</th>
</tr>
</thead>
<tbody>
<tr>
<td>产品名称/Product Name</td>
<td>Mechanical Groove Coupling (Slip-on type)</td>
<td></td>
</tr>
<tr>
<td>型号/Type</td>
<td>Style W07 AGS Rigid Coupling; Style W77 AGS Flexible Coupling</td>
<td></td>
</tr>
<tr>
<td>公称直径/Nominal Diameter</td>
<td>350-600</td>
<td>mm</td>
</tr>
<tr>
<td>最大允许工作压力/Maximum Allowable Working Pressure</td>
<td>16</td>
<td>bar</td>
</tr>
<tr>
<td>设计温度/Design Temperature</td>
<td>-34 to +110</td>
<td>°C</td>
</tr>
<tr>
<td>壳体材料/Casing Material</td>
<td>Housing: Ductile iron ASTM A536 Grade 65-45-12 Gasket: EPDM Grade E</td>
<td></td>
</tr>
</tbody>
</table>

### Approved Drawings

图纸编号/Drawings Approval No.: NP19P01320

### Approval Test Report

试验报告编号/Test Report No.: Type test Style W07 and W77 on size 14", 20", 24"

试验日期/Test Report Date: 2016-01-26

试验单位/Laboratory: Forks Engineering Lab, Edison Road Lab, Nu Lab

试验地址/Address: USA

### Method of Product Inspection after Approval

认证后的产品检验方式/Method of Product Inspection after Approval

按规范只认可不进行产品检验的产品/The product approved only in term of the rules.

认证后的产品检验由制造商按本社批准的产品检验计划进行检验。经检验合格后由制造厂签发合格证明，并连同该产品的本社认可证书复印件一并交付用户。制造厂对产品符合公约、法规，本社规范和本社认可的标准规定负责。

After approval, product inspection should be carried out by the manufacturer in accordance with the product inspection scheme approved by the Society. Upon satisfactory inspection, and the Quality Certificate issued by the Manufacturer should be provided to the purchaser together with the copy of the approval certificate issued by the Society. The manufacturer shall take responsibility for the product being in compliance with the convention, statutory regulation, the Society rules and the standard accepted by the Society.

### Maintenance Requirements of Approval

认可保持条件/Requirements of Maintenance of Approval

1. 认可后，如果产品及其重要零件的设计、材料或制造方法有改变，且影响到产品的主要特性特征，或产品的性能指标有所更改，且超过认可的范围，则有关图纸和文件应经检验机构审核。并在检验机构认为必要时，经本社检验人员见证有关试验和进行检查，其结果应能证实仍符合认可条件。

2. 认可产品的生产管理应保持有效运行，并且与认可时一致。如质量管理体发生改变，应经本社认证机构审核并报本社批准。

3. 认可证书有效期届满，如发现可能影响本社对本产品的认可情况，应采取有效的纠正措施。

4. 在认可证书有效期内，本社检验人员可在未经事先通知的情况下对工厂的产品制造过程进行审核，以验证产品的生产是否符合经本社批准的图纸和文件。工厂应予以配合。
Within the validity of the approval certificate, the surveyor to the Society may pay unannounced audit to the manufacturing process of the product in order to confirm whether it is in compliance with the drawings and documents approved by the Society. The factory should provide an active cooperation and necessary for the surveyor.

5. If belong to the situation of the product has type approval mode B certificate, and marine product certificate/equivalent document is not necessary, those who have obtained the certificate should be subject to periodical audit every year. The date of periodical audit shall be each anniversary date which corresponds to the date of expiry of the relevant certificate and the periodical audit shall be done within a time span of three months before and after the annual surveillance date.

6. The period of validity of this certificate is consistent with that of the agreement between the licensor and the manufacturer(s), but in no case it can over 4 years.

7. During the period of validity, this certificate will automatically be ineffective in case of the invalidity of the authorization agreement between the licensor and the manufacturer(s).

### Remarks

1. This Certificate is modified from and supersedes the previous Type Approval Certificate No. WGI7000001_02.

2. Marine system: General purpose for sea-going ships and to be complied with specified requirements for special purpose.

3. The limitation should comply with the requirements of No. 2.5.3 of Ch. 2, Part 3 of CCS Rules.

4. The declaration of asbestos-free submitted by manufacturer has been reviewed by the Society.

This Certificate is modified from and supersedes the previous Type Approval Certificate No. WGI7000001_02.

3. The component selection and installation should follow the manufacturer’s instruction.

4. However, liability of the manufacturer to guarantee the products are asbestos-free to purchaser under contract will not be exempted.

**CSS Vancouver Office**