

# WSAA PRODUCT APPRAISAL CERTIFICATE

## Victaulic Company Restrained Couplings for PE Pipe

This appraisal considers Style 905 and Style 907 Victaulic ductile iron restrained mechanical couplings manufactured in compliance with EN 12842 and WSA PS 245.

The couplings are suitable for joining PN16 PE100 pipes manufactured to AS/NZS 4130.

Quality Certification and details of products are included in the attached Schedules A and B.

<b>Product Category</b>	Restrained mechanical couplings for PE pipe
<b>PA Number:</b>	PA 1706
<b>Supplier</b>	Victaulic Company
<b>Brand</b>	Victaulic
<b>Standards</b>	EN 12842:2012 <i>Ductile iron fittings for PVC-U or PE piping systems-Requirements and test methods.</i>
<b>WSAA Product Specification</b>	WSA PS 245 - <i>Ductile iron fittings with restrained flexible joints for polyethylene pipe in pressure applications – Water supply and sewerage</i>
<b>Other Specifications</b>	AS/NZS 4130:2009 <i>Polyethylene (PE) pipes for pressure applications</i>
<b>Issue date</b>	11 September 2018
<b>Expiry date</b>	11 September 2023
<b>Recommendations</b>	It is recommended that WSAA members, subject to any specific requirements of the member, consider acceptance or authorization of Victaulic couplings for joining PN16 PE80 or PE100 pipe, as detailed in Schedule B of this report, for use in drinking and non-drinking water supply and pressure sewerage networks, provided they are installed in accordance with WSAA Codes and the manufacturer's requirements, where specified.
<b>Disclaimer</b>	The disclaimer on Page 2 explains a number of very important limits on your ability to rely on the information in this Product Appraisal Certificate and the assessment criteria used to underlay it. Please read it carefully and take it into account when considering the content in this Certificate.

## **1. Disclaimer**

This Product Appraisal Certificate (Certificate) is issued by WSAA on the understanding that:

This Certificate applies to the product(s) as submitted in Schedule A. Any changes to the product(s) either minor or major shall void this Certificate.

To maintain the recommendations of this Certificate any such changes shall be detailed and notified to the Product Appraisal Manager for consideration and review of the Certificate including the product appraisal criteria underlying it and appropriate action. Appraisals and their recommendations will be the subject of continuous review dependent upon the satisfactory performance of products.

WSAA reserves the right to undertake random audits of product manufacture and installation. Where products fail to maintain appraised performance requirements the appraisal and its recommendations may be modified and reissued. Certificates will be reviewed and reissued at regular intervals not exceeding five (5) years.

WSAA reserves the right to withdraw this Certificate at any time in its sole and absolute discretion for any reason.

The following information explains a number of very important limits on your ability to rely on the information in this Certificate. Please read it carefully and take it into account when considering the contents of this Certificate.

Any enquiries regarding this Certificate should be directed to the Product Appraisal Manager Phone: 03 8605 7601 email [carl.radford@wsaa.asn.au](mailto:carl.radford@wsaa.asn.au).

### **1.1. Issue of Certificate**

This Certificate has been published and/or prepared by WSAA and nominated Project Manager and peer group of technical specialists (the Publishers).

The Certificate and the underlying product appraisal criteria have been prepared for use within Australia only by technical specialists that have expertise in the function of products such as those appraised in the Certificate (the Recipients).

By accepting this Certificate, the Recipient acknowledges and represents to the Publisher(s) and each person involved in the preparation of the Certificate and product appraisal criteria underlying it that the Recipient has understood and accepted the terms of this Disclaimer.

### **1.2. Limits on Reliance on Information and Recommendations**

#### **1.2.1. Disclaimer of liability**

Neither the Publisher(s) nor any person involved in the preparation of the Certificate and product appraisal criteria underlying it accept(s) any liability for any loss or damage suffered by any person however caused (including negligence or the omission by any person to do anything) relating in any way to the Certificate or the product appraisal criteria underlying it. This includes (without limitation) any liability for any recommendation or information in the Certificate or any errors or omissions.

#### **1.2.2. Intellectual Property and other rights**

WSAA does not undertake any assessment of whether the importation, manufacture, sale or use of the Product the subject of this Certificate infringes the intellectual property rights or proprietary rights of any person. Recipients of the Certificate should undertake their own assessment of whether (as relevant) the importation, manufacture, sale or use of the relevant Products infringe the intellectual property rights or other proprietary rights of any person. If the Product infringes intellectual property rights or other proprietary rights there is potential for the supply of the Products to be interrupted.

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#### **1.2.3. Need for independent assessment**

The information and any recommendation contained (expressly or by implication) in this Certificate are provided in good faith (and subject to the limitations noted in this Certificate). However, you should treat the information as indicative only. You should not rely on that information or any such recommendation except to the extent that you reach an agreement to the contrary with the Publisher(s).

This Certificate does not contain all information that a person might require for the purposes of assessing any product discussed or appraised within it. The product appraisal criteria used in preparing this Certificate may not address all relevant aspects of the Product.

Recipients should seek independent evidence of any matter which is material to their decisions in connection with an assessment of the Product and consult their own advisers for any technical information required. Any decision to use the Product should take into account the reliability of that independent evidence obtained by the Recipient regarding the Product. Recipients should also independently verify and assess the appropriateness of any recommendation in the Certificate, especially given that any recommendation will not take into account a Recipient's particular needs or circumstances.

WSAA has not evaluated the extent of the product liability and professional indemnity insurance that the provider of the product maintains. Recipients should ensure that they evaluate the allocation of liability for product defects and any professional advice obtained in relation to the product or its specification including the requirements for product liability and professional indemnity insurance.

### **1.3. No Updating**

Neither the Publisher(s) nor any person involved in the preparation of this Certificate or the product appraisal criteria underlying it [has] [have] any obligation to notify you of any change in the information contained in this Certificate or of any new information concerning the Publisher(s) or the Product or any other matter.

### **1.4. No Warranty**

The Publisher(s) do[es] not, in any way, warrant that steps have been taken to verify or audit the accuracy or completeness of the information in this Certificate, or the accuracy, completeness or reasonableness of any recommendation in this Certificate.

## SCHEDULE A - QUALITY AND PRODUCT CERTIFICATIONS

Copies of the following Quality Certificate are available for downloading from the WSAA 'Members Only' project portal website.

### SCHEDULE A1 MANAGEMENT SYSTEMS-VICTAULIC PIPING PRODUCTS (DALIAN) CO LTD

No 13 Tieshan Dong 2 Road, Dalian Development Area, Dalian, Liaoning, China	
Quality Systems Standard	ISO 9001:2015
Certification Licence No.	FM 516541
Certifying agency	BSI
First date of certification	6 April 2007
Current date of certification	2 August 2018
Expiry date of certification	31 October 2021

Note: The Victaulic couplings included in this appraisal have been qualified by type testing to in accordance with the performance requirements of EN 12842:2012, however achievement of ISO Type 5 product certification is still in process. The requirement to achieve this certification within four months has been included in the Appraisal Report.



**SCHEDULE B - VICTAULIC RESTRAINED COUPLINGS FOR PE PIPE**

**SCHEDULE B1  
STYLE 905 VICTAULIC COUPLING FOR JOINING PE PIPE**



PE DN / OD	No of Fasteners
63	2
75	2
90	2
110	2
125	2
140	2
160	2
180	4
200	4
225	4



**SCHEDULE B2  
STYLE 907 VICTAULIC COUPLING FOR JOINING PE PIPE TO IPS STEEL**



PE DN / OD	IPS Steel OD	No of Fasteners
63	60.3	2
75	73.0	2
90	88.9	2
110	114.3	2
125	114.3	2
140	141.3	2
160	168.3	2
180	168.3	2
200	219.1	2
225	219.1	2