



# WSAA PRODUCT APPRAISAL CERTIFICATE

## Derwent Industries Pty Ltd Stainless Steel Repair and Tapped Off-take Clamps

This appraisal is for a range of PN16 stainless steel repair and tapped off-take clamps in sizes DN 80 to DN 450.

All clamps are Type R except for DN 100 (121-131) and DN 150 (121-131) where a positive stop is included to enable a full circle design. These clamps are designated as Type F&R.

This Issue 7 is a replacement for the previous version of the appraisal which had reached its 5-year expiry date.

The Derwent repair and off-take clamps are manufactured with Grade 316 stainless steel body and fasteners. The elastomeric sealing mats are moulded in Nitrile rubber.

A listing of Quality Certificates, details of products and supplier contacts are included in the attached Schedules A, B and C.

<b>Product Category</b>	SS Repair and Off-take Clamps
<b>PA Number:</b>	PA 1833 Issue 7
<b>Supplier</b>	Derwent Industries Pty Ltd
<b>Brand</b>	Derwent
<b>Standards</b>	AS 4181-2013 <i>Repair and off-take clamps for water industry purposes.</i>
<b>WSAA Product Specification</b>	WSA PS 313 <i>Repair and Off-Take Clamps for Pressure Applications – Drinking Water and Non-Drinking Water Supply</i>
<b>Issue date</b>	26 April 2024
<b>Expiry date</b>	25 April 2029
<b>Recommendations</b>	It is recommended that WSAA members, subject to any specific requirements of the member, accept or authorise Derwent DN 80 to DN 450 stainless steel repair and tapped off-take clamps for repair of water and sewerage pipes, as detailed in this report, provided they are installed in accordance with WSAA Codes and the manufacturers 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.

From time to time WSAA and the other Publishers may receive notice of allegations that the importation, manufacture, sale or use of the Product infringes intellectual property rights or other proprietary rights. WSAA's policy is to not refer to such allegations in its Certificate or take any other steps to put Recipients on notice of such allegations. If, however, WSAA becomes aware that the allegations have been admitted or proved in Court, then WSAA may, at its discretion, take such steps as it considers appropriate. As such, Recipients acknowledge, agree and accept that WSAA may have information in its possession about intellectual property rights infringement allegations or other infringement allegations in relation to the Product which are not referred to or disclosed in this Certificate and which are not otherwise communicated to Recipients.

#### **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

**QUALITY CERTIFICATIONS**

Copies of the following quality certificates are available from WSAA.

**TABLE A1**

**DERWENT INDUSTRIES PTY LTD– MANAGEMENT SYSTEMS**

17 Metcalf Street Dandenong Vic	
Quality Systems Standard	ISO 9001:2015
Certification Licence No.	QEC2004
Certifying Agency	SAI Global
First Date of Certification	8 August 1994
Current Date of Certification	20 July 2022
Expiry Date of Certification	4 July 2024

**TABLE A2**

**DERWENT INDUSTRIES PTY LTD– PRODUCT CERTIFICATION**

60 Chapple Street Wodonga Vic	
Product Standard/Spec.	AS 4181:2013
Certificate No.	SMK26386
Issuing Certification Body	Intertek SAI Global
First Date of Certification	11 February 2019
Current Date of Certification	17 December 2021
Expiry Date of Certification	16 May 2024



PRODUCT LITERATURE

**KAWANDAH - 316 SS REPAIR CLAMPS & TAPPED CLAMPS**



Derwent Industries 316 Stainless Steel Repair Clamps and Tapped Clamps are Australian manufactured. Stainless Steel Clamps are used throughout various industries as a fast, simple and economical permanent solution for pipe repair. Derwent Clamps are manufactured to AS4181. Note: Clamps may not be suitable for all pipe types and should not be used for axial restraint or for joining pipes together in new works.

**Features:**

- 316 Stainless Steel for superior corrosion protection
- Studs and Nuts coated with molybond to prevent galling
- Provide a simple and permanent repair whilst supporting the integrity of the main
- Nitrile Gasket providing a full circle seal
- Clamps are fully passivated, ensuring superior quality
- All studs are supplied with plastic thread protectors
- Variable OD range allows for pipe variance
- Manufactured in Australia



**Applications:**

The Derwent Industries 316 Stainless Steel Repair Clamps are ideal as a fast, simple and economical permanent solution for pipe repair for most pipe types.

Repair clamps are an ideal product for use on holes, splits, pulled service connections or branch lines or even full breaks. Installation must be in line with the relevant water authority installation allowances. The flexibility given via the OD range of the clamps provides the user with a simple repair solution.

Tapped Clamps are ideal for use with tappings under pressure or repairing existing services, providing pipe support via the full circumferential seal a tapping clamp provides.

Please refer to installation instruction for all installations.

**Technical Data:**

Size Range:	DN40 – DN 1200 (Larger sizes are available as specials)
BSP Offtake:	DN20 - 100 (Depending on size)
Temperature Range:	-10°C to 60°C
Max. Operating Pressure:	1600 kPa (Only to OD 590mm)
Quality Assurance:	ISO9001:2015
Certificate Number:	QEC2004
AS/NZS 4181:	SMK26386 (Refer Schedule)
WSAA Appraisal No.	PA1833 (Refer Schedule)

E&OE

## SUPPLIER CONTACTS

### **Derwent Industries Pty Ltd**

17 Metcalf Drive  
Dandenong South Vic 3175

Phone: 03 9793 9054

Email: [sales@derwentindustries.com.au](mailto:sales@derwentindustries.com.au)

Web: [www.derwentindustries.com.au](http://www.derwentindustries.com.au)