

WSAA PRODUCT APPRAISAL CERTIFICATE

Crane Building Services and Utilities Viking Johnson UltraGrip Restrained Joint Couplings

Viking Johnson UltraGrip wide joint restrained couplings have been appraised for compliance with the requirements of EN 14525:2004 and WSAA Product Specification WSA PS 271.

The scope of this appraisal applies to Viking Johnson UltraGrip restrained joint couplings from DN 40 to DN 600. A complete listing of Quality and Product Certification Certificates and details of products are included in the attached Schedules A and B.

Product Category	Ductile iron restrained joint couplings
PA Number:	PA 1827
Supplier	Crane Building Services and Utilities
Brand	Viking Johnson UltraGrip
Standards	EN 14525:2004 <i>Ductile iron wide tolerance couplings and flange adaptors for use with pipes of different materials: ductile iron, Grey iron, Steel, PVC-U, PE, Fibre-cement</i>
WSAA Product Specification	WSA PS 271 <i>Mechanical couplings and flange adaptors, end thrust restraint, for pressure applications – water supply and sewerage</i>
Other Specifications	
Issue date	Tuesday, 22 January 2019
Expiry date	Monday, 22 January 2024
Recommendations	It is recommended that WSAA members, subject to any specific requirements of the member, accept or authorise the Viking Johnson UltraGrip couplings in sizes DN 40 to DN 600 as detailed in Schedule B for use in pressure pipelines in water supply and sewer networks provided any relevant conditions relating to the design, installation, acceptance testing and commissioning are in accordance with WSSA codes and manufacturer's requirements.
Disclaimer	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.

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.

SCHEDULE A - QUALITY AND PRODUCT CERTIFICATIONS

Copies of the following Quality and Product Certification Certificates are available for downloading from the WSAA 'Members Only' website.

SCHEDULE A1

CRANE BUILDING SERVICES AND UTILITIES – MANAGEMENT SYSTEMS

46-48 Wilbury Way Hitchin UK	
Quality Systems Standard	ISO 9001:2015
Certification licence no.	FM00311
Certifying agency	BSI
First date of certification	29 November 1991
Current date of certification	19 April 2018
Expiry date of certification	25 August 2020

SCHEDULE A2

CRANE BUILDING SERVICES AND UTILITIES – PRODUCT CERTIFICATION

46-48 Wilbury Way Hitchin UK	
Product Standard/Spec.	EN 14525:2004
Certificate No.	VC 673979
Issuing certification body	BSI
First date of certification	24 April 2018
Current date of certification	24 April 2018
Expiry date of certification	23 April 2021

VIKING JOHNSON ULTRAGRIP RESTRAINED JOINT COUPLINGS



Product Code	DN	Reach
VJ33320	40	43-63
VJ33321	50	48-71
VJ33322	65	63-84
VJ33323	80	86-107
VJ33324	100	107-133
VJ33325	125	132-160
VJ33326	150	158-192
VJ33327	175	192-227
VJ33328	200	218-256
VJ33329	250	266-310
VJ33330	300	315-356
VJ33331	350	352-396
VJ33332	400	398-442
VJ33333	450	448-492
VJ33334	500	498-552
VJ33335	500	558-608
VJ33336	600	604-648
VJ33337	600	676-726

VIKING JOHNSON ULTRAGRIP REDUCING COUPLINGS



Product Code	DN	Reach 1	Reach 2
VJ34220	32-40	36-46	43-63
VJ34221	80-100	86-107	107-133
VJ34222	100-125	107-133	132-160
VJ34223	100-150	107-133	158-192
VJ34224	125-150	132-160	158-192
VJ34225	150-175	158-192	192-227
VJ34226	175-200	192-227	218-256
VJ34227	200-250	218-256	266-310
VJ34228	250-300	266-310	315-356
VJ34229	400-450	398-442	448-492
VJ34230	500-500	498-522	558-608
VJ34231	600-600	604-648	676-726