Coventry Fasteners
Australia's Fastener Specialists

Welshpool
290-296 Welshpool Rd,
Welshpool,
WA 6106
Tel: (08) 9350 3600
Fax: (08) 9458 3006

Kilburn
60 Grand Junction Rd,
Kilburn,
SA 5084
Tel: (08) 8300 8700
Fax: (08) 8300 8777

Wetherill Park
1/442 Victoria St,
Wetherill Park,
NSW 2164
Tel: (02) 9616 6100
Fax: (02) 9616 6150

Pinkenba
Building 2, 660
MacArthur Ave,
Pinkenba,
QLD 4008
Tel: (07) 3291 8200
Fax: (07) 3291 8250

Laverton
72 William Angliss Dve,
Laverton,
VIC 3026
Tel: (03) 9368 7906
Fax: (03) 9368 7999

TEST CERTIFICATE

Order No: 515656 **Coating:** HOT DIP GALVANISED **Certificate No:** 20090801029

LOT NO.: 3113380025

Product Details **Date of Issue:** 2009-08-01

Item	Heat No	Description	Coventry Fasteners Part No.	Spec/Grade
001	330903409	AS1252 HDG BOLT: M24X70	24X70MHSA	AS1252-1983 (DIMENSIONAL) / AS1252-1996 (MECHANICAL)
002	20902-0204	AS1252 HDG NUT: M24	24MHSN	
003	4109010932	AS1252 HDG WASHER: M24	24MHSW	

Chemical Analysis

Item	C%	Si%	Mn%	P%	S%
001	0.41	0.23	0.75	0.010	0.004
002	0.44	0.21	0.57	0.012	0.007
003	0.46	0.25	0.60	0.028	0.019

Required Chemical Analysis

Item	C%		Mn%	P%	S%
	Min	Max	Min	Max	Max
001	0.25	0.55	-	0.035	0.035
001	0.15	0.40	0.035	0.035	0.035

Mechanical Properties

Item	Yield (MPa)	Tensile (MPa)	Wedge (MPa)	Elong%	Proof Load
001		885	875		212
002	-	-	-	-	411.2
003	-	-	-	-	N/A

Required Mechanical Properties

Item	Yield (MPa)	Tensile (MPa)	Wedge (MPa)	Min Elong %
001	660	830	830	12

Final Hardness

Item	Scale	Min	Max
001	HRC	28.00	33.00
002	HRC	29.00	33.00
003	HRC	39.00	42.00

Required Final Hardness

Item	Scale	Min	Max
001	HRC	23.00	34.00
002	HRC	24.00	36.00
003	HRC	35.00	45.00

- ☑ Marking: Grade & Trademark
- ☑ Decarburization & Head Soundness
- ☑ Visual/Dimensional Examination
- ☑ Coating Thickness
- ☑ Product verified by Independent Batch Testing in Australia (NATA Approved)

Coventry Fasteners certify that the information given is a true and accurate extract from the manufacturers Test Results. The product conforms to:
AS1252-1983 (Dimensional)
AS1252-1996 (Mechanical)

Approved:

Byung Hwan Lee
IL WOO FASTENER CO.
PRESIDENT

For & on behalf of **Coventry Fasteners**
(A division of Coventry Group Ltd ABN 37 008 670 102)