

IMTS
MELBOURNE TESTING SERVICES

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TEST CERTIFICATE

FOR REPORT MT-16/080-A

CLIENT: CHANGSHA XIANGRA METAL MATERIAL CO., LTD.
ROOM 1605-1609, MINGCHENG INTERNATIONAL BUILDING
NO. 46 RENMIN EAST ROAD, CHANGSHA
HUNAN, CHINA

EQUIPMENT DESIGNATION: ADTO Kwikstage Modular Scaffold System

TEST METHOD REFERENCE: AS/NZS 1576.3:2015 Appendix B

TEST METHOD REFERENCE	10m	20m
MAXIMUM ASSEMBLED HEIGHT	5	10
MAXIMUM NUMBER OF PLANKED PLATFORMS	2	1
MAXIMUM NUMBER OF WORKING PLATFORMS	3	9
NUMBER OF CLOSED PLATFORMS	5	10
MAXIMUM NUMBER OF LIFTS WITH PLATFORM BRACKETS	455mm	455mm

TEST COMMENTS:
THE SCAFFOLD SYSTEM TESTED AND DESCRIBED IN REPORT MT-16/080-A, COMPLIES WITH THE
LOADING REQUIREMENTS OF AS/NZS 1576.3:2015 APPENDIX B FOR AN ASSEMBLED SCAFFOLD
HEIGHT OF 20 METRES (ONE WORKING PLATFORM) AND 10 METRES (TWO WORKING PLATFORMS). THIS
RESULT IS VALID SPECIFICALLY FOR THE LIMITS SPECIFIED IN THE MT-16/080-A TEST REPORT AND IS
SUBJECT TO THE CONDITIONS LISTED BELOW.

Notes:
1. Melbourne Testing Services Pty Ltd shall not be liable for loss, cost, damages or expenses incurred by the client or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Melbourne Testing Services Pty Ltd be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This limitation shall not be interpreted as a limitation on the scope of the test results.
2. This report only indicates compliance of the scaffold assembly in its state at the time of testing. It should not be taken as a statement that all similar scaffold assemblies or scaffolds in all states of repair, would also be found to comply.
3. It remains the responsibility of the client to ensure that the scaffolding complies to relevant standards or requirements of the entire production batch.
4. As described and reported herein, the load capacity of the ADTO Kwikstage modular scaffold assembly is specific to the requirements of AS/NZS 1576.3:2015 Appendix B.
5. MTS shall take no responsibility for the load performance attributes of scaffold assemblies which are erected other than those specifically described and reported in this report. The scaffolding shall not be used for any other purpose than that for which it was specifically designed.
6. MTS shall take no responsibility for the load performance attributes of scaffold assemblies constructed from scaffolding components other than those specifically described in Table A1 of the MTS test report MT-16/080-A.
7. MTS shall take no responsibility for the performance and authenticity of the scaffold as described herein.
8. MTS shall take no responsibility for the installation procedures used for the scaffold described herein.

Rob Wilkie
AUTHORISED SIGNATORY
DATE: 04/05/2016

GAVIN VAN DEVENTER
TEST ENGINEER

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TEST CERTIFICATE

FOR REPORT MT-16/080-B

CLIENT: CHANGSHA XIANGRA METAL MATERIAL CO., LTD.
ROOM 1605-1609, MINGCHENG INTERNATIONAL BUILDING
NO. 46 RENMIN EAST ROAD, CHANGSHA
HUNAN, CHINA

EQUIPMENT DESIGNATION: 1.2m, 1.8m & 2.4m TRANSOMS
TWO (2) BOARD BAY EXTENSION PLATFORM BRACKET
THREE (3) BOARD BAY EXTENSION PLATFORM BRACKET

TEST METHOD REFERENCE: AS/NZS 1576.3:2015 APPENDIX C
AS/NZS 1576.1:2010

TEST COMMENTS:
THE TESTS CONDUCTED ON THE LOAD BEARING SCAFFOLD COMPONENTS LISTED ABOVE AND
DESCRIBED IN REPORT MT-16/080-B, CONFIRM THAT THE COMPONENTS COULD SUCCESSFULLY
SUPPORT THE TEST LOADS, IN ACCORDANCE WITH AS/NZS 1576.3:2015 APPENDIX C FOR THE DESIGN
LIVE LOAD RATING, AS APPROVED:

1.2m TRANSOM	6.6kN
1.8m TRANSOM	6.6kN
2.4m TRANSOM	6.6kN
TWO (2) BOARD BAY EXTENSION PLATFORM (DROP-UP) BRACKET	2.0kN
THREE (3) BOARD BAY EXTENSION PLATFORM (DROP-UP) BRACKET	2.0kN

Notes:
1. Melbourne Testing Services Pty Ltd shall not be liable for loss, cost, damages or expenses incurred by the client or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Melbourne Testing Services Pty Ltd be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This limitation shall not be interpreted as a limitation on the scope of the test results.
2. This report only indicates compliance of the scaffold assembly in its state at the time of testing. It should not be taken as a statement that all similar scaffold assemblies or scaffolds in all states of repair, would also be found to comply.
3. It remains the responsibility of the client to ensure that the scaffolding complies to relevant standards or requirements of the entire production batch.
4. MTS shall take no responsibility for the performance and authenticity of the test product as described in MT-16/080-B.
5. The scaffold is specific to the test state in its state at the time of testing. It should not be taken as a statement that all products in all states of repair, would also perform in the same manner.
6. MTS shall take no responsibility for the interpretation or misinterpretation of the procedures or calculation methods as provided in MT-16/080-B or for the interpretation or validity of the test results described and reported in MT-16/080-B.
7. MTS shall take no responsibility for the installation procedures used for the test items as described in MT-16/080-B.
8. This certificate only covers the structural integrity of the scaffold components as specifically reported by AS/NZS 1576.3:2015 Appendix C.
9. MTS shall take no responsibility for the compliance of the scaffold components tested and reported in MT-16/080-B when the requirements are not in accordance with AS/NZS 1576.3:2015 Appendix C.

Rob Wilkie
AUTHORISED SIGNATORY
DATE: 04/05/2016

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TEST CERTIFICATE

FOR REPORT MT-16/080-C

CLIENT: CHANGSHA XIANGRA METAL MATERIAL CO., LTD.
ROOM 1605-1609, MINGCHENG INTERNATIONAL BUILDING
NO. 46 RENMIN EAST ROAD, CHANGSHA
HUNAN, CHINA

EQUIPMENT DESIGNATION: ADTO SCAFFOLD ADJUSTABLE BASEPLATE

TEST METHOD REFERENCE: AS/NZS 1576.2:2009

TEST COMMENTS:
THE TESTED ADJUSTABLE BASEPLATES, AS DESCRIBED IN REPORT MT-16/080-C, HAVE
SUCCESSFULLY ACHIEVED THE TEST LOADS AS PER AS/NZS 1576.2:2009 SCAFFOLDING COUPLERS
AND ACCESSORIES CLAUSE 4.2 AND APPENDIX II.

THE ADJUSTABLE SCAFFOLD BASEPLATES SUPPORTED A 60kN (6116kg) PROOF LOAD AT THEIR
MAXIMUM HEIGHT OF 455MM WITHOUT FAILURE OR EXCESSIVE DISTORTION. THE ADJUSTABLE
BASEPLATES EXCEEDED THE MINIMUM STRENGTH REQUIREMENT OF 75kN AS SPECIFIED IN AS/NZS
1576.2:2009 CLAUSE 4.2 (6).

Notes:
1. Melbourne Testing Services Pty Ltd shall not be liable for loss, cost, damages or expenses incurred by the client or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Melbourne Testing Services Pty Ltd be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This limitation shall not be interpreted as a limitation on the scope of the test results.
2. This certificate only indicates compliance of the adjustable baseplate in its state at the time of testing. It should not be taken as a statement that all similar adjustable baseplates in all states of repair, would also be found to comply.
3. It remains the responsibility of the client to ensure that the scaffold tested is representative of the entire production batch.
4. As described and reported in MT-16/080-C, the load performance attributes of the adjustable baseplate is specific to the requirements of AS/NZS 1576.2:2009 Appendix II.
5. MTS shall take no responsibility for the installation procedures used for the adjustable baseplate as described in MT-16/080-C.
6. As described and reported in MT-16/080-C, all comments regarding conformance with dimensional and configuration attributes are strictly limited to those dimensions or properties stated in AS/NZS 1576.2:2009 CLAUSE 3.3.
7. MTS shall take no responsibility for the compliance of adjustable baseplate as described in MT-16/080-C other than for the specific requirements as stated in AS/NZS 1576.2:2009 CLAUSE 3.3, CLAUSE 4.2 & APPENDIX II.

Rob Wilkie
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TEST CERTIFICATE

FOR REPORT MT-16/080-D

CLIENT: CHANGSHA XIANGRA METAL MATERIAL CO., LTD.
ROOM 1605-1609, MINGCHENG INTERNATIONAL BUILDING
NO. 46 RENMIN EAST ROAD, CHANGSHA
HUNAN, CHINA

EQUIPMENT DESIGNATION: ADTO Kwikstage Scaffold Guardrail System

TEST METHOD REFERENCE: AS/NZS 1576.3:2015

TEST COMMENTS:
THE TESTS CONDUCTED ON THE SCAFFOLD GUARDRAIL SYSTEM AS DESCRIBED IN REPORT MT-
16/080-D, CONFIRM THAT THE COMPONENTS CAN SUPPORT THE TEST LOADS AND MEET THE
STABILITY REQUIREMENTS AS SPECIFIED IN AS/NZS 1576.3:2015 APPENDIX D.

Notes:
1. Melbourne Testing Services Pty Ltd shall not be liable for loss, cost, damages or expenses incurred by the client or any other person or company, resulting from the use of any information or interpretation given in this report. In no case shall Melbourne Testing Services Pty Ltd be liable for consequential damages including, but not limited to, lost profits, damages for failure to meet deadlines and lost production arising from this report. This limitation shall not be interpreted as a limitation on the scope of the test results.
2. This report only indicates compliance of the scaffold assembly in its state at the time of testing. It should not be taken as a statement that all similar scaffold assemblies or scaffolds in all states of repair, would also be found to comply.
3. It remains the responsibility of the client to ensure that the scaffold tested is representative of the entire production batch.
4. As described and reported in MT-16/080-D, the load performance attributes of the scaffold assembly is specific to the requirements of AS/NZS 1576.3:2015 Appendix D.
5. MTS shall take no responsibility for the interpretation or misinterpretation of the procedures or calculation methods as provided in MT-16/080-D or for the interpretation or validity of the test results described and reported in MT-16/080-D.
6. MTS shall take no responsibility for the installation procedures used for the test items as described in MT-16/080-D.
7. This certificate only covers the structural integrity of the scaffold components as specifically reported by AS/NZS 1576.3:2015 Appendix D.
8. MTS shall take no responsibility for the compliance of the scaffold components tested and reported in MT-16/080-D when the requirements are not in accordance with AS/NZS 1576.3:2015 Appendix D.

Rob Wilkie
AUTHORISED SIGNATORY
DATE: 04/05/2016

GAVIN VAN DEVENTER
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