

NEW EQUIPMENT AND SYSTEM APPROVAL CERTIFICATE

Certificate No. S 02 1612 MW202

Approval date 16/02/2017
Approved by GM Technical Standards
Report no. TAS 2-1612-MW202
Report date 15/12/2016

This certificate is issued to

Supplier Metwest Engineering
 18-20 Lee Holm Road
 St Marys
 NSW 2760

In respect of

Manufacturer Metwest Engineering
Product description Pre-Cast Concrete Pits and GLT
Item identification Refer to Approved Item List.

Application ARTC Network Wide

Relevant Standards ESC-11-01 Construction of Cable Route and Associated Civil Works
 SCP 21 Construction of Cable Route and Associated Civil Works (NSW)
 AS3996 Access Covers and Grates

Conditions of Approval

1. Only items listed in Appendix A shall be used.
2. For use in accordance with Australian Standards & ARTC signals construction standards.
3. Products to remain compliant to relevant Australian Standards with respect to design and construction.
4. Suitable access ladders/ step rungs to be provided in accordance with ESC-11-01 Construction of Cable Route and Associated Civil Works.
5. Long axis of the pit must coincide with the main cable route alignment.
6. Cable pits with chequer plate lids shall have bollards to protect vehicle access

A general condition of approval is that the supplier remains accredited to ISO 9001 specifically for these products and ARTC is advised on a 12 monthly basis that accreditation is current. ARTC reserves the right to conduct its own audit of the manufacture and supply of these components to AS19011

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Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The manufacturer should notify ARTC of any modification or changes in order to obtain a valid updated certificate.

Note/Comments

NIL.

Issue date 16 February 2017

Expiry date N/A

Issued by

John Furness
ARTC Manager Standards



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Approved Item List – Metwest Engineering

Cat. No.	Description	Specification/ Notes (Internal Dimensions)	Conditions of Use
Concrete Pits			
1540	Concrete Pit 1/8 Abbott	450x450x500mm deep	Suitable for local cable route only.
1729	Concrete Pit 1/4 Abbott Short	600x600x720mm deep	Suitable for local cable route only.
763	Concrete Pit 1/2 Abbott Short	1060x660x800mm deep	Suitable for local cable route only.
693	Concrete Pit 1/2 Abbott Long	1060x660x1100mm deep	Suitable for local cable route only.
1541	Concrete Pit 3/4 Abbott	1060x900x1080mm deep	Suitable for local cable route only.
1098	Concrete Pit Full Abbott c/w knockouts	1200x1200x1140mm deep	Suitable for local and main cable routes.
738	Concrete Pit Zeppo c/w knockouts	Ø1260mm pit. 1150mm depth.	Suitable for local and main cable routes.
863	Concrete Pit Costello Lite	Ø1260mm pit. 1200mm or 960mm depth.	Suitable for local and main cable routes.
Concrete Pit Riser			
1103	Concrete Riser 1/2 Abbott 300mm	Suitable for 1/2 or 3/4 Abbott. Square Pit Riser 600x600x300mm high	
1102	Concrete Riser 3/4 Abbott 300mm		
1590	Concrete Riser Full Abbott 150mm	Suitable for Full Abbott Pits.	
1149	Concrete Riser Full Abbott 300mm	Suitable for Full Abbott Pits.	
1101	Concrete Riser Full Abbott 600mm	Suitable for Full Abbott Pits.	
1148	Concrete Riser Full Abbott 1200mm	Suitable for Full Abbott Pits.	
600	Concrete Riser Zeppo 150	Ø1200mm x 150mm high	
574	Concrete Riser Zeppo 300	Ø1200mm x 300mm high	
611	Concrete Riser Zeppo 600	Ø1200mm x 600mm high	
870	Concrete Riser Zeppo 900	Ø1200mm x 900mm high (2 units @ 1 x 600mm & 1 x 300mm)	

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Cat. No.	Description	Specification/ Notes (Internal Dimensions)	Conditions of Use
Concrete Lids			
772	Concrete Lid ½ Abbott Class D 6x9	Class D. 1650x1350x200mm thick (600 x 900mm insert)	Areas where there may be vehicular traffic shall use these class D lids
1550	Concrete Lid ¼ Abbott Class D 6x6	Class D. 1000x1000x200mm (600 x 600mm insert)	
1595	Concrete Lid ¾ Abbott Class D	Class D. 1250x1100x200mm (750 x 750mm insert)	
662	Concrete Lid Abbott Full Class D	Class D. 1450x1450x200mm thick with 900x900mm Gatic	
879	Concrete Lid Zeppo Class D	Class D. 1650x1650x200mm. 900x900mm cast iron infill access hatch	
Chequer Plate Lids			
1542	Pit Lid ¼ Abbott Hinged		Areas where vehicular traffic is: <ul style="list-style-type: none">prevented access shall use this lid,not prevented access shall require bollards to protect the lids.
1543	Pit Lid 1/8 Abbott Hinged		
1544	Pit Lid ¾ Abbott 2 Piece	2 Piece Hinged, Galvanised	
1555	Pit Lid Full Abbott Alum. Class A	6mm thick aluminium hinged lid with underside bracing to Class A.	
4	Pit Lid 2 Piece Zeppo & Costello	6mm steel chequer plate. 2 pieces interlocking with drop in handles.	
692	Pit Lid ½ Abbott Long & Short	Pit lid suits ½ Abbott long and short pits. Supplied fitted to pit with lock bracket and 2 hinges	
Ground Level Troughing (GLT)			
511	Single Compartment GLT		Not to be used in areas of vehicular access unless installed underground and protected with reinforced concrete slab.
500	Double Compartment GLT		Not to be used in areas of vehicular access unless installed underground and protected with reinforced concrete slab.
499	Single Compartment GLT Lid		Not to be used in areas of vehicular access unless installed underground and protected with reinforced concrete slab.

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Cat. No.	Description	Specification/ Notes (Internal Dimensions)	Conditions of Use
498	Double Compartment GLT Lid		Not to be used in areas of vehicular access unless installed underground and protected with reinforced concrete slab.