

Product Type Approval Certificate

Full


This certificate is issued to:

Supplier name and address:	AH Fabrications Unit 6, 1 The Crescent Kingsgrove NSW 2208
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In respect of:

Manufacturer:	AH Fabrications
Place of manufacture:	Sydney NSW
Product description:	Galvanised Steel Troughing and associated components Refer to Annexure 1 for details of the range of products
Use approved for:	GST Cable route
Conditions of approval:	See approval status of each item listed in annexure 1
Limitations:	Type approval is based on the assessment of AH Fabrications ability to manufacture the products listed in Annexure 1. All items are listed as being 'subject to first article inspection' where, once each line item is manufactured and accepted, will transition to full approval

Evaluating rail transport operator

Name:	Peter McGregor
Position:	Lead Signals & Control Systems Engineer, Asset Standards Authority, Transport for NSW
Signature:	
Date:	5th November 2020

Product approval pack reference number: fA1343797

Annexure 1 Schedule of approved items

All items are listed as being subject to first article inspection where, once manufactured and accepted, will transition to full approval

Item number	Name	Description	Customer Drawing Number	AH FAB Part number	Approval status
Galvanized Steel Troughing (GST)					
1	85 MM Nominal Size	Includes : 1 X Base - 6MTR Long ; 2 X Top Cover - 3 MTR Long + Bolts	M12-011 Rev 0	128645	Subject to first article inspection
2	100 MM Nominal Size	Includes : 1 X Base - 6MTR Long ; 2 X Top Cover - 3 MTR Long + Bolts	M07-114 Rev D	128647	Subject to first article inspection
3	150 MM Nominal Size	Includes : 1 X Base - 6MTR Long ; 2 X Top Cover - 3 MTR Long + Bolts	M07-114 Rev D	128649	Subject to first article inspection
4	200 MM Nominal Size	Includes : 1 X Base - 6MTR Long ; 2 X Top Cover - 3 MTR Long + Bolts	M07-114 Rev D	128650	Subject to first article inspection
Accessories For Galvanized Steel Troughing					
5	85 MM GST Insulation Liner	2.4 MTR Long	M07-116 Rev C	127430	Subject to first article inspection
6	100 MM GST Insulation Liner	2.4 MTR Long	M07-116 Rev C	127430	Subject to first article inspection
7	150 MM GST Insulation Liner	2.4 MTR Long	M07-116 Rev C	127431	Subject to first article inspection
8	200 MM GST Insulation Liner	2.4 MTR Long	M07-116 Rev C	127432	Subject to first article inspection
9	S/S 316 Cable Ties	400 MM Long	NA	117452	Subject to first article inspection
STEEL TROUGHING BRACKET					
10	150 Through	NA	M07-102 Rev A	127028	Subject to first article inspection
11	200 Through	NA	M07-102 Rev A	127029	Subject to first article inspection

POST ASSEMBLY FOR SIGNALLING TROUGHING AND AIRLINE					
GST POST					
12	1 MTR POST	NA	M11429 (Sheet 1 of 3) Rev 0	111350	Subject to first article inspection
13	1.3 MTR POST	NA	M11429 (Sheet 1 of 3) Rev 0	117519	Subject to first article inspection
14	1.8 MTR POST	NA	M11429 (Sheet 1 of 3) Rev 0	117520	Subject to first article inspection
15	2 MTR POST	NA	M11429 (Sheet 1 of 3) Rev 0	117670	Subject to first article inspection
Top Bracket to Suit GST					
16	110MM	Supplied with 1 Set Galvanized M12 X 40 Hex Head Set Screw, Nyloc Nut & Washer	M11-429C1 (Sheet 2 of 3) Rev 0	111352	Subject to first article inspection
17	125MM	Supplied with 1 Set Galvanized M12 X 40 Hex Head Set Screw, Nyloc Nut & Washer	M11-429C2 (Sheet 2 of 3) Rev 0	128907	Subject to first article inspection
18	175MM	Supplied with 1 Set Galvanized M12 X 40 Hex Head Set Screw, Nyloc Nut & Washer	M11-429C3 (Sheet 2 of 3) Rev 0	128910	Subject to first article inspection
19	225MM	Supplied with 1 Set Galvanized M12 X 40 Hex Head Set Screw, Nyloc Nut & Washer	M11-429C4 (Sheet 2 of 3) Rev 0	128912	Subject to first article inspection
Side Bracket to Suit GST					
20	110MM	Supplied with 1 Set Galvanized M12 X 40 Hex Head Set Screw, Nyloc Nut & Washer	M11-429B1 (Sheet 2 of 3) Rev 0	111354	Subject to first article inspection
21	125MM	Supplied with 1 Set Galvanized M12 X 40 Hex Head Set Screw, Nyloc Nut & Washer	M11-429B2 (Sheet 2 of 3) Rev 0	128913	Subject to first article inspection
22	175MM	Supplied with 1 Set Galvanized M12 X 40 Hex Head Set Screw, Nyloc Nut & Washer	M11-429B3 (Sheet 2 of 3) Rev 0	128914	Subject to first article inspection
23	225MM	Supplied with 1 Set Galvanized M12 X 40 Hex Head Set Screw, Nyloc Nut & Washer	M11-429B4 (Sheet 2 of 3) Rev 0	128915	Subject to first article inspection

Pipe Clip to Suit					
24	15 NB	Supplied with 1 Set Galvanized M12 X 40 Hex Head Set Screw, Nyloc Nut & Washer	M11-429D1 (Sheet 3 of 3) Rev 0	128920	Subject to first article inspection
25	20 NB	Supplied with 1 Set Galvanized M12 X 40 Hex Head Set Screw, Nyloc Nut & Washer	M11-429D2 (Sheet 3 of 3) Rev 0	128921	Subject to first article inspection
26	25 NB	Supplied with 1 Set Galvanized M12 X 40 Hex Head Set Screw, Nyloc Nut & Washer	M11-429D3 (Sheet 3 of 3) Rev 0	128922	Subject to first article inspection
27	32 NB	Supplied with 1 Set Galvanized M12 X 40 Hex Head Set Screw, Nyloc Nut & Washer	M11-429D4 (Sheet 3 of 3) Rev 0	128924	Subject to first article inspection
28	40 NB	Supplied with 1 Set Galvanized M12 X 40 Hex Head Set Screw, Nyloc Nut & Washer	M11-429D5 (Sheet 3 of 3) Rev 0	128925	Subject to first article inspection
29	50 NB	Supplied with 1 Set Galvanized M12 X 40 Hex Head Set Screw, Nyloc Nut & Washer	M11-429D6 (Sheet 3 of 3) Rev 0	128926	Subject to first article inspection
30	80 NB	Supplied with 1 Set Galvanized M12 X 40 Hex Head Set Screw, Nyloc Nut & Washer	M11-429D7 (Sheet 3 of 3) Rev 0	128927	Subject to first article inspection

Keeper Bracket to Suit					
31	15 NB	NA	M11-429E1 (Sheet 3 of 3) Rev 0	128928	Subject to first article inspection
32	20 NB	NA	M11-429E2 (Sheet 3 of 3) Rev 0	128936	Subject to first article inspection
33	25 NB	NA	M11-429E3 (Sheet 3 of 3) Rev 0	128937	Subject to first article inspection
34	32 NB	NA	M11-429E4 (Sheet 3 of 3) Rev 0	128938	Subject to first article inspection
35	40 NB	NA	M11-429E5 (Sheet 3 of 3) Rev 0	128939	Subject to first article inspection
36	50 NB	NA	M11-429E6 (Sheet 3 of 3) Rev 0	128940	Subject to first article inspection
37	80 NB	NA	M11-429E7 (Sheet 3 of 3) Rev 0	128941	Subject to first article inspection