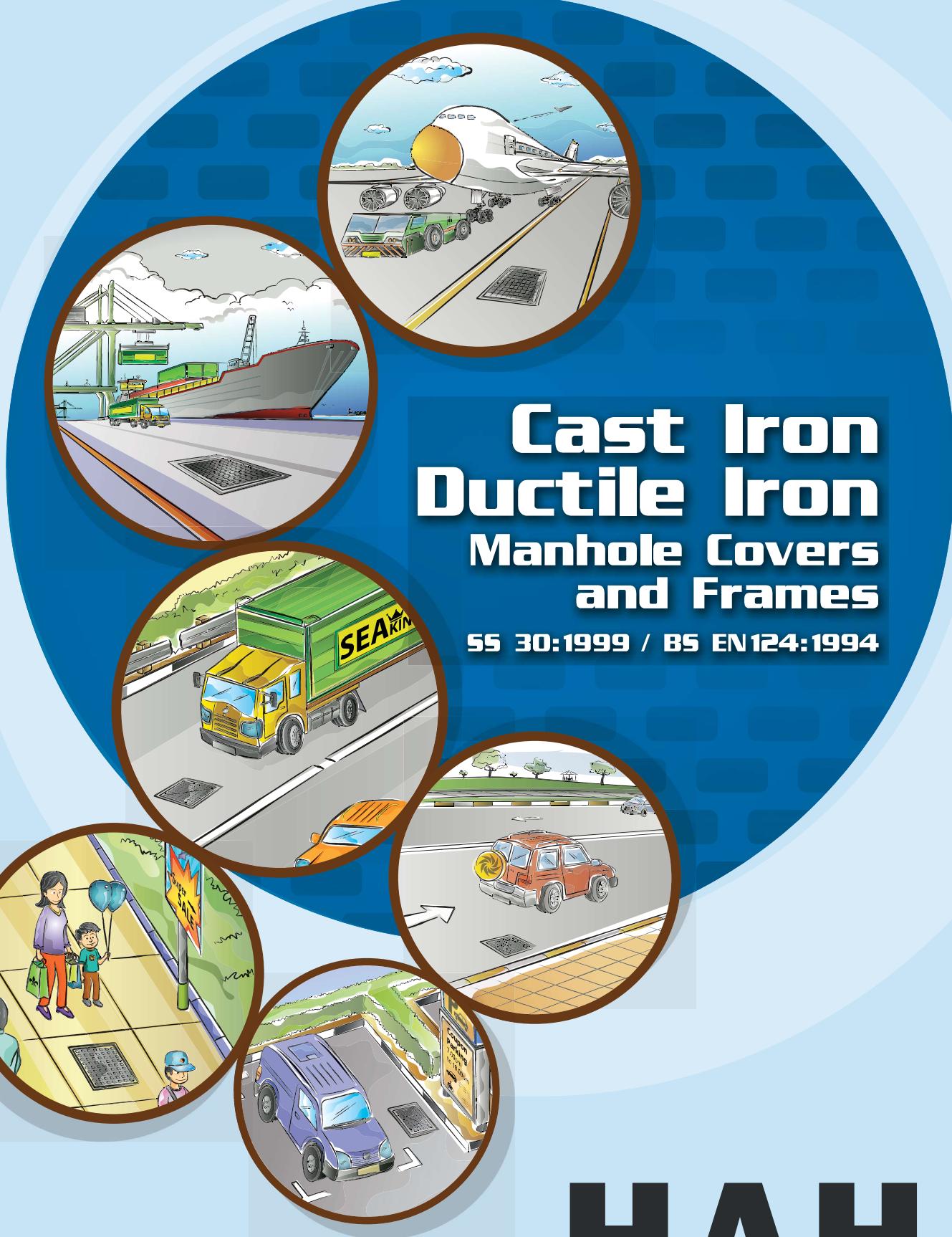


BRAND : "HAH"

**PRODUCT : - INSPECTION CHAMBER COVER
& FRAME
(LIGHT DUTY / MEDIUM DUTY /
HEAVY DUTY)**

DESCRIPTION : SANITARY INSTALLATION



Cast Iron Ductile Iron Manhole Covers and Frames

SS 30:1999 / BS EN124:1994

HAH

by Grande Alliance Corporation Pte Ltd

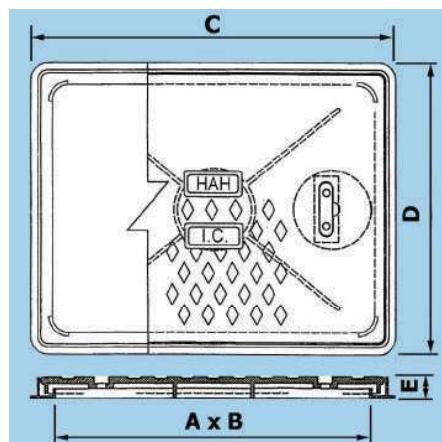
Symbol	SS30 Grade	Design Load	Place of Installation	EN 124	Design Load
	AA1	900 kN	In areas imposing particularly high wheel loads, eg. aircraft pavements	F900	900 kN
	AA2	600 kN	In areas generally not on public road imposing high wheel loads, eg. docks, aircraft pavements	E600	600 kN
	A1	400 kN	In carriageways of expressways, arterial and industrial roads and parking areas for all types of road vehicles	D400	400 kN
	A2	230 kN	In carriageways not exceeding 0.5m away from kerbside channels of all roads and in carriageways of minor residential roads	C250	250 kN
	B	125 kN	On footways where it is possible for a vehicle to mount or occasionally open to light vehicle to use and car parking decks	B125	125 kN
	C	30 kN	In precincts which are inaccessible to motor vehicles	A15	15 kN

LIGHT DUTY INSPECTION CHAMBER COVER & FRAME

①



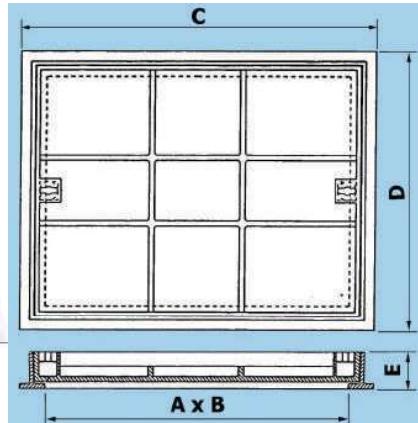
②



③



④



No.	Product Code	Grade	Clear Opening (Ax B)	Overall Size (Cx D)	Depth (E)	Material	Remarks/Optional
✓ 1	HDICU-600450 (U-key)	C	600 x 450	700 x 550	40	Ductile Iron	U-key
2	HDICT-600450 (T-key)	C	600 x 450	700 x 550	40	Ductile Iron	Double T-key
✓ 3	HDRCL-600450	C	600 x 450	700 x 550	65	Ductile Iron	Recessed
4	HSSRLMH-600450	C	600 x 450	710 x 570	55	304 S/Steel	Recessed, 316 S/Steel available on indent

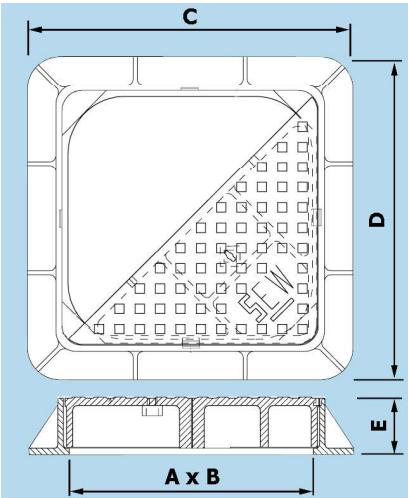
Due to constant product improvement Grande Alliance reserves the right to change product designs and specifications without notice.

Double Triangular Manhole Cover & Frame

⑤



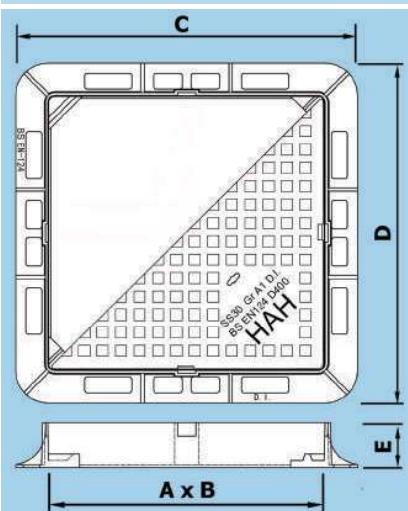
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⑦



⑨



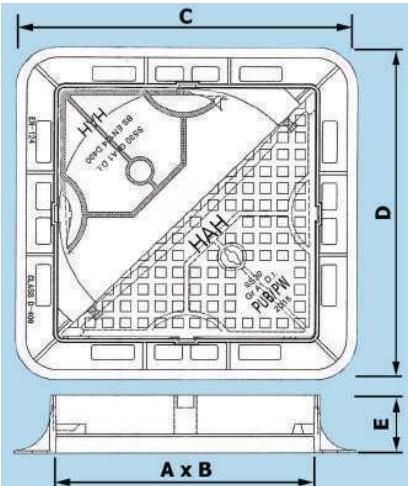
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⑩



⑪

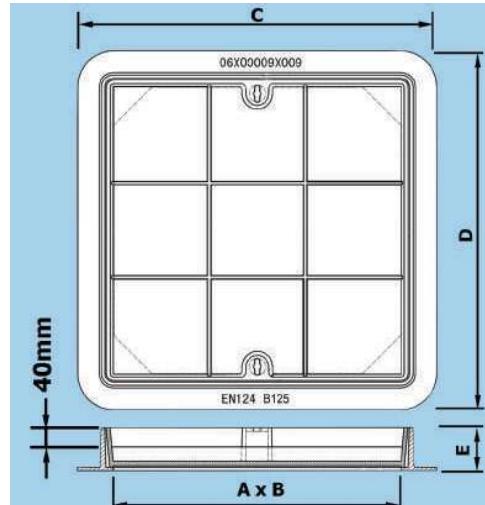


No.	Product Code	Grade	Clear Opening (AxB)	Overall Size (CxD)	Depth (E)	Material	Remarks/Optional
5	HCMHM-750S	B	600 x 600	750 x 750	90	Cast Iron	Medium Duty with (SEW) label
6	HCMHH-800S	A2	600 x 600	800 x 800	140	Cast Iron	Heavy Duty with (SEW) label
7	HDMHH-450	A1	450 x 450	600 x 600	75	Ductile Iron	Heavy Duty, available on indent
✓ 8	HDMHM-600	B	600 x 600	750 x 750	75	Ductile Iron	Medium Duty
✓ 9	HDMHH-600	A1	600 x 600	750 x 750	100	Ductile Iron	Heavy Duty
10	HDMHH-600PNW	A1	Ø 600	800 x 800	140	Ductile Iron	Heavy Duty with (PUB/NW) label
11	HDMHH-600PPW	A1	Ø 600	800 x 800	140	Ductile Iron	Heavy Duty with (PUB/PW) label

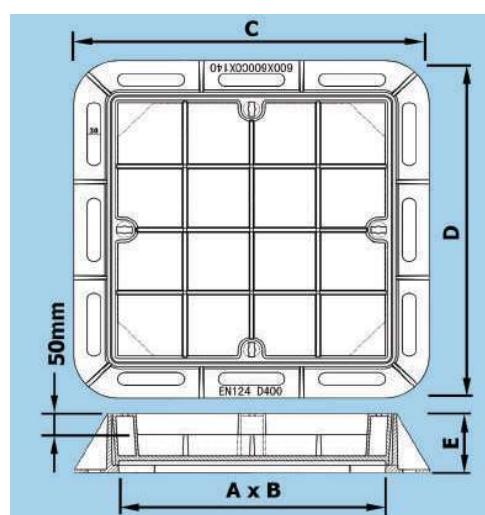
Due to constant product improvement Grande Alliance reserves the right to change product designs and specifications without notice.

Recessed/Mosaic Manhole Cover & Frame

(12)



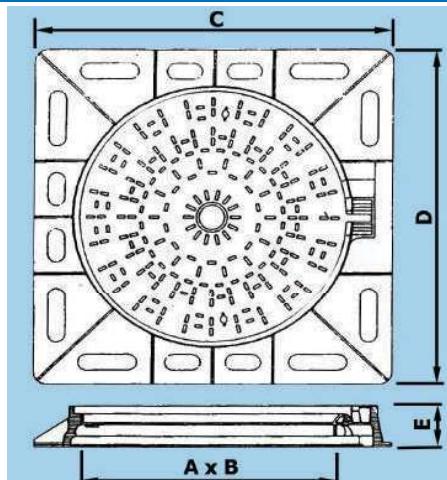
(13)



No.	Product Code	Grade	Clear Opening (AxB)	Overall Size (CxD)	Depth (E)	Material	Remarks/Optional
12	HDRCM-750750	B	600 x 600	750 x 750	90	Ductile Iron	Medium Duty
13	HDRCH-800800	A1	600 x 600	800 x 800	140	Ductile Iron	Heavy Duty

Circular Manhole Cover & Square Frame

(14)



No.	Product Code	Grade	Clear Opening (AxB)	Overall Size (CxD)	Depth (E)	Material	Remarks/Optional
14	HDMH-850850	A1	Ø 600	850 x 850	100	Ductile Iron	Heavy Duty (LTA/RD/SD99/GRA/6)

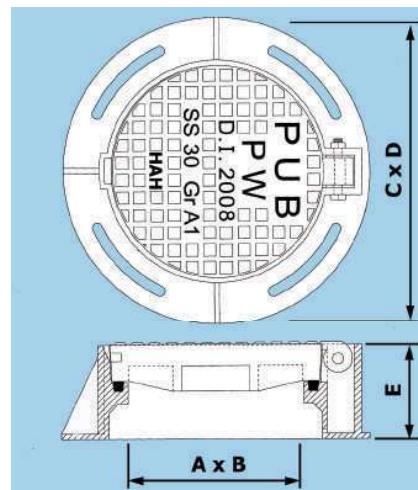
Due to constant product improvement Grande Alliance reserves the right to change product designs and specifications without notice.

Surface/Valve Box Cover & Frame

⑯



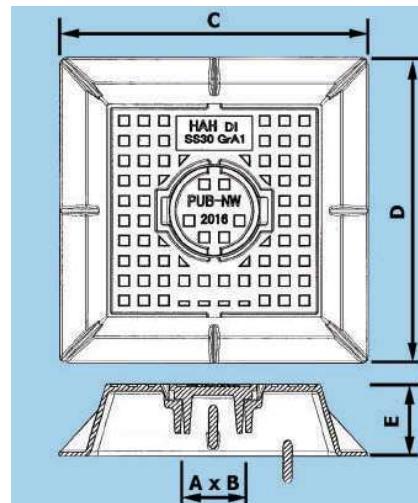
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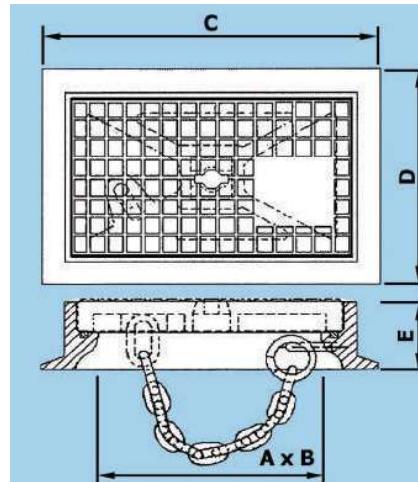
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⑰



⑯



No.	Product Code	Grade	Clear Opening (Ax B)	Overall Size (Cx D)	Depth (E)	Material	Remarks/Optional
15	HDRSBNW-362206	A1	Ø 206	Ø 362	110	Ductile Iron	NW Label
16	HDRSBPW-362206	A1	Ø 206	Ø 362	110	Ductile Iron	PW Label
17	HDVBSQNW-445445	A1	Ø 95	445 x 445	105	Ductile Iron	NW Label
18	HDVBSQPW-445445	A1	Ø 95	445 x 445	105	Ductile Iron	PW Label
19	HDVBSF-465300	A2	310 x 140	465 x 300	100	Ductile Iron	FH Label

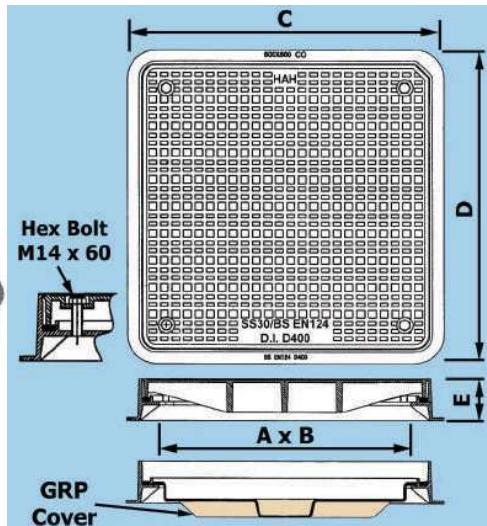
Due to constant product improvement Grande Alliance reserves the right to change product designs and specifications without notice.

Air/Water Tight Manhole Cover & Frame

②ⓧ



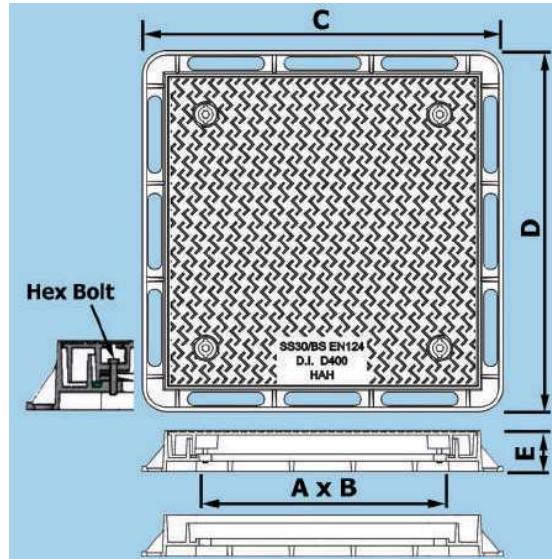
②ⓧ



No.	Product Code	Grade	Clear Opening (AxB)	Overall Size (CxD)	Depth (E)	Material	Remarks/Optional
20	HDDSM-600	B	600 x 600	750 x 750	60	Ductile Iron	Medium Duty, GRP cover inside
21	HDDSH-600	A1	600 x 600	780 x 780	100	Ductile Iron	Heavy Duty, GRP cover inside

Air/Water Tight Double Seal Manhole Cover & Frame

②ⓧ



No.	Product Code	Grade	Clear Opening (AxB)	Overall Size (CxD)	Depth (E)	Material	Remarks/Optional
22	HDDSATH-400	A1	400 x 400	600 x 600	100	Ductile Iron	Heavy Duty, available on indent
23	HDDSATH-600	A1	600 x 600	880 x 880	100	Ductile Iron	Heavy Duty, available on indent
24	HDDSATH-800	A1	800 x 800	1060 x 1060	100	Ductile Iron	Heavy Duty, available on indent
25	HDDSATH-1000	A1	1000 x 1000	1280 x 1280	100	Ductile Iron	Heavy Duty, available on indent

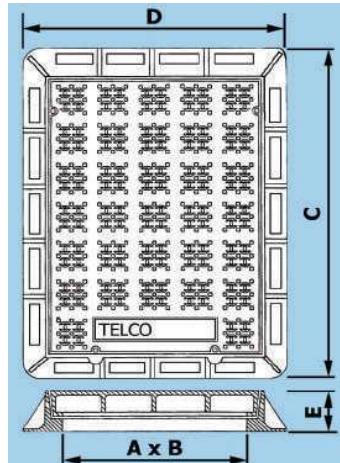
Due to constant product improvement Grande Alliance reserves the right to change product designs and specifications without notice.

TELCO Manhole Cover & Frame

26



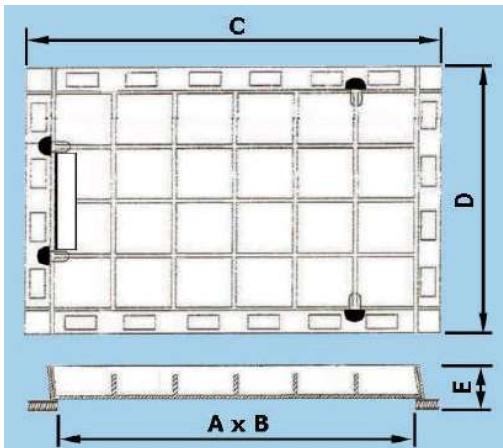
27



No.	Product Code	Grade	Clear Opening (Ax B)	Overall Size (Cx D)	Depth (E)	Material	Remarks/Optional
26	HDTLMM-910610	B	910 x 610	1090 x 780	75	Ductile Iron	Medium Duty
27	HDTLMH-910610	A1	910 x 610	1230 x 920	150	Ductile Iron	Heavy Duty

TELCO Concrete Infill Manhole Cover & Frame

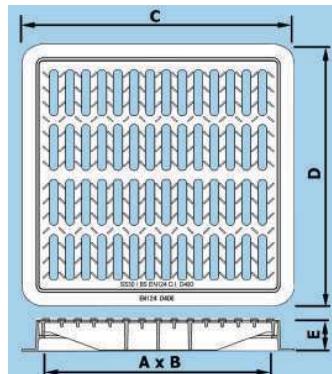
28



No.	Product Code	Grade	Clear Opening (Ax B)	Overall Size (Cx D)	Depth (E)	Material	Remarks/Optional
28	HDRTLMH-910610	A1	910 x 610	1230 x 920	150	Ductile Iron	Heavy Duty

Grating & Frame

29

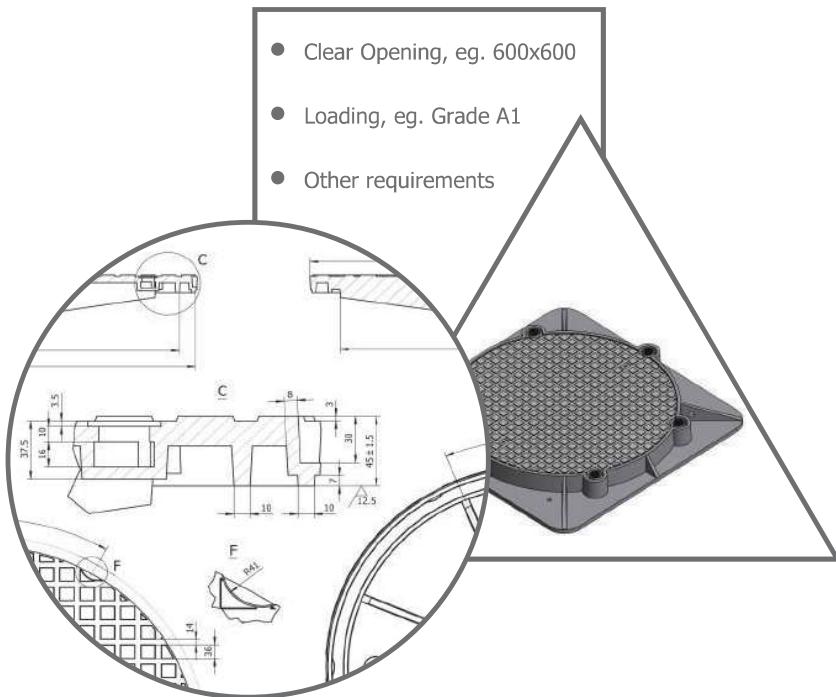


No.	Product Code	Grade	Clear Opening (Ax B)	Overall Size (Cx D)	Depth (E)	Material	Remarks/Optional
29	HDGTH-600	A1	600 x 600	800 x 800	100	Ductile Iron	Heavy Duty, available on indent
30	HDGTH-700	A1	700 x 700	850 x 850	100	Ductile Iron	Heavy Duty, available on indent

Due to constant product improvement Grande Alliance reserves the right to change product designs and specifications without notice.

CUSTOM Made?

Other grades of Manhole covers & frames available upon request. We can also custom design the Manhole covers & frames to your specific requirements in various sizes and weights.



Grande Alliance Corporation Pte Ltd

Co. Reg. No.: 199308426N

📍 No. 8 Defu Lane 8, Singapore 539313

📞 (+65) 6286 3265 (6 Lines) 📲 (+65) 6281 1373

✉ Email: info@grandealliance.com.sg

🌐 Website: www.grandealliance.com.sg

Test Report No. 7191142097-MEC16/02-SL

dated 21 JUL 2016

Note: This report is issued subject to the Testing and Certification Regulations of the TÜV SÜD Group and the General Terms and Conditions of Business of TÜV SÜD PSB Pte Ltd. In addition, this report is governed by the terms set out within this report.



PSB Singapore

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SUBJECT:

Testing of Light Duty Ductile Inspection Chamber Cover & Frame

TESTED FOR:

Grande Alliance Corporation Pte Ltd
No. 8 Defu Lane 8
Singapore 539313

Attn: Mr. Benjamin Lim

SAMPLE DESCRIPTION:

One piece of "HAH" brand CO 450mm Light Duty Ductile Inspection Chamber Cover & Frame with Stainless Steel Fittings Device was receive on 12/07/2016, for the following test:

- 1) Dimensional Measurement
- 2) Load Test

TEST METHOD:

SS 30 1999 (Amendment No. 1) – Specification for manhole top and surface – box tops

DATE OF TEST:

18 July 2016



LA-2007-0380-A
LA-2007-0381-F
LA-2007-0382-B
LA-2007-0383-G

LA-2007-0384-G
LA-2007-0385-E
LA-2007-0386-C
LA-2010-0464-D

The results reported herein have been performed in accordance with the terms of accreditation under the Singapore Accreditation Council. Inspections/Calibrations/Tests marked "Not SAC-SINGLAS Accredited" in this Report are not included in the SAC-SINGLAS Accreditation Schedule for our inspection body/laboratory.

Laboratory:
TÜV SÜD PSB Pte. Ltd.
No.1 Science Park Drive
Singapore 118221

Phone : +65-6885 1333
Fax : +65-6776 8670
E-mail: enquiries@tuv-sud-psb.sg
www.tuv-sud-psb.sg
Co. Reg : 199002667R

Regional Head Office:
TÜV SÜD Asia Pacific Pte. Ltd.
1 Science Park Drive, #02-01
Singapore 118221
 TÜV®

TEST RESULTS:

(1) Dimensional Measurement

S/N	Grade C – CO 450mm Light Duty Ductile Inspection Chamber Cover & Frame with Stainless Steel Fittings Device			Measurements/ Visual inspection	SS 30 : 1999 Requirement
1	Depth of insertion (mm)			N.A	Min. 50mm (Grade AA, A only)
2	Clearance	a	Left (mm)	2.3	Max 3 mm
		b	Centre (mm)	-	
		c	Right (mm)	2.0	
3	Seatings			N.A	Clause 6.5 (Grade AA, A, B only)
4	Edge & contact surface protection for products of steel reinforced concrete (mm)			N.A	Min. {6mm(Gr A1), 5mm(Gr A2), 3mm(Gr B), 2mm(Gr C)}
5	Securing of cover within frame			A sufficient mass per unit area	Clause 6.7
6	Positioning of cover			Complied	Clause 6.8
7	Surface condition	a	Height of raised pattern	2.5	2 – 6 mm (Grade B & C) 3 – 8 mm (Grade AA & A)
		b	% of surface area of raised pattern to total upper surface area (%)	19	10 – 70 %
8	Loosening and opening of covers			Complied	Clause 6.10
9	Frame bearing area (N/mm ²)			0.26	≤ 7.5 N/mm ²
10	Frame Depth (mm)			N.A	Min. 100mm (Grade AA, A only)
11	Design against mosquito breeding			Complied	Clause 6.14



TEST RESULTS (con't):

(2) Compressive Load Test

Sample Reference	Grade C – CO 450mm Light Duty Ductile Inspection Chamber Cover & Frame with Stainless Steel Fittings Device	SS 30 : 1999 Requirement
Clear area (mm)	600 x 450	-
Clear opening, CO (mm)	450	-
Test load (kN)	30	Clause 7.1
Test block (mm)	Ø250	250
Permanent set (mm) (After 5 repetitions at 2/3 of test load)	0.84	1/100 x CO (4.5mm Max)
Result after loaded to test load	Satisfactory	Clause 7.3.2



Photo.1 – Sample received



Sean Loh
Associate Engineer



Oh Heng Hwa
Executive Engineer
Industrial Group
Mechanical Centre

Test Report No. 7191142097-MEC16/02-SL
dated 21 JUL 2016



PSB Singapore

Please note that this Report is issued under the following terms :

1. This report applies to the sample of the specific product/equipment given at the time of its testing/calibration. The results are not used to indicate or imply that they are applicable to other similar items. In addition, such results must not be used to indicate or imply that TÜV SÜD PSB approves, recommends or endorses the manufacturer, supplier or user of such product/equipment, or that TÜV SÜD PSB in any way "guarantees" the later performance of the product/equipment. Unless otherwise stated in this report, no tests were conducted to determine long term effects of using the specific product/equipment.
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July 2011



Test Report No. 7191188120-MEC18/02-SL

dated 05 JUL 2018

Note: This report is issued subject to the Testing and Certification Regulations of the TÜV SÜD Group and the General Terms and Conditions of Business of TÜV SÜD PSB Pte Ltd. In addition, this report is governed by the terms set out within this report.



PSB Singapore

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SUBJECT:

Testing of Manhole Cover & Frame

TESTED FOR:

Grande Alliance Corporation Pte Ltd
No. 8 Defu Lane 8
Singapore 539313

Attn: Mr. Benjamin Lim

SAMPLE DESCRIPTION:

One piece of "HAH" brand CO 600mm x 600mm heavy duty double triangle ductile iron manhole cover & frame with embossed marking "SS30 GrA1 D.I, BS EN124 D400, HAH" tested to grade A1 was receive on 18/06/2018, for the following test:

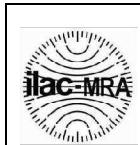
- 1) Dimensional Measurement
- 2) Load Test

TEST METHOD:

SS 30 1999 (Amendment No. 1) – Specification for manhole top and surface – box tops

DATE OF TEST:

29 June 2018



LA-2007-0380-A
LA-2007-0381-F
LA-2007-0382-B
LA-2007-0383-G

LA-2007-0384-G
LA-2007-0385-E
LA-2007-0386-C
LA-2010-0464-D

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Laboratory:
TÜV SÜD PSB Pte. Ltd.
No.1 Science Park Drive
Singapore 118221

Phone : +65-6885 1333
Fax : +65-6776 8670
E-mail: enquiries@tuv-sud-psb.sg
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Co. Reg : 199002667R

Regional Head Office:
TÜV SÜD Asia Pacific Pte. Ltd.
1 Science Park Drive, #02-01
Singapore 118221
TÜV®

TEST RESULTS:

(1) Dimensional Measurement

S/N	Description			Measurements/ Visual inspection	SS30 : 1999 Requirements
1	Depth of insertion (mm)			95	Min. 50 mm (Grade AA, A only)
2	Clearance	a	Left (mm)	1.6	Max 3 mm
		b	Centre (mm)	2.9	
		c	Right (mm)	1.4	
3	Seatings			Complied	Clause 6.5 (Grade AA, A, B only)
4	Edge & contact surface protection for products of steel reinforced concrete (mm)			N.A	Min. {6 mm(Gr A1), 5 mm(Gr A2), 3 mm(Gr B), 2 mm(Gr C)}
5	Securing of cover within frame			A sufficient mass per unit area	Clause 6.7
6	Positioning of cover			Complied	Clause 6.8
7	Surface condition	a	Height of raised pattern	4.0	2 – 6 mm (Grade B & C) 3 – 8 mm (Grade AA & A)
		b	% of surface area of raised pattern to total upper surface area (%)	28	10 – 70 %
8	Loosening and opening of covers			Complied	Clause 6.10
9	Frame bearing area (N/mm ²)			0.7	≤ 7.5 N/mm ²
10	Frame Depth (mm)			105	Min. 100 mm (Grade AA, A only)
11	Design against mosquito breeding			Complied	Clause 6.14



TEST RESULTS (con't):

(2) Compressive Load Test

Sample Reference	"HAH" Double Triangle Ductile Iron Manhole Cover & Frame	SS30 : 1999 Requirements
Grade	A1	-
Clear area (mm)	590 x 590	-
Clear opening, CO (mm)	590	-
Test load (kN)	400	Clause 7.1
Test block (mm)	Ø250	Ø250
Permanent set (mm) (After 5 repetitions at 2/3 of test load)	1.01	Clause 7.3.2 Table 6 1/500 x CO (1.18mm Max)
Result after loaded to test load	Satisfactory	Clause 7.3.2



Photo.1 – Sample received



Sean Loh
Associate Engineer



Oh Heng Hwa
Executive Engineer
Industrial Group
Mechanical Centre

Test Report No. 7191188120-MEC18/02-SL
dated 05 JUL 2018

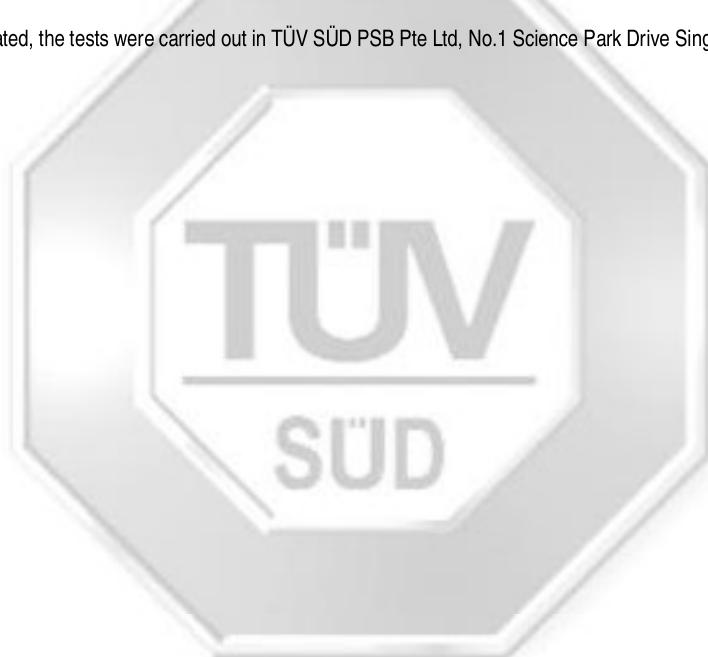


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July 2011





GRANDE ALLIANCE CORPORATION PTE LTD

NO 8 DEFU LANE 8, SINGAPORE 539313

TEL: (65) 6286 3265 (6 LINES) FAX: (65) 6281 1373

E-mail: info@grandealliance.com.sg

Website: www.grandealliance.com.sg

Reg. No.: 199308426N

SINGAPORE PROJECT REFERENCE

We are pleased to forward you our "**HAH**" Inspection Chamber Cover & Frame, Manhole Cover & Frame, Surface Box Cover & Frame, Telecom Manhole Cover & Frame, Grating, etc Project Reference for your kind attention as follows:-

S/No.	Project	Owner (or) Developer	Main Contractor	M & E Consultant	Year
1	Ulu Pandan Water Reclamation Plant	Public Utilities Board (PUB)	UEWB Industrial Engineering	Parsons Brinckerhoff Pte Ltd	2006
2	Old Airport Road Hawker Centre	National Environment Agency		Surbana consultant Pte Ltd	2008
3	Shell ECC @ Pulau Ular		Penta Ocean Construction Co Ltd		2008
4	Changi Airport Budget Airline	Changi Airport Group (S) Pte Ltd	Sanchoon builders Pte Ltd	Bescon Consulting Engineers Pte Ltd	2008
5	NUS - Yong Siew Toh Conservatory of Music	NUS	Sanchoon builders Pte Ltd	Squire Mech Pte Ltd	2008
6	Shell ECC @ Pulau Ular		Shimizu Corporation		2008
7	City Vibe @ Commonwealth		SEF Construction Pte Ltd	PTA Consultants Pte Ltd	2009
8	Centre for Aquatic Science Research at Sungel Ulu Pandan for NUS	NUS	C.P. Ong Construction Pte Ltd	Surbana International Consultants Pte Ltd	2010
9	NV Residence @ Pasir Ris Grove	City Developments Limited	Hyundai Engineering & Construction Co. Ltd	Meinhardt (s) Pte Ltd	2010
10	A&A Choa Chu Kang Polyclinic	Ministry of Health	Gennal Industries Pte Ltd	PDC Consulting Engineers	2010
11	Hawker Centres Upgrading Programme (Blk 448 Clementi Ave 3)	National Environment Agency (NEA)	Evervast Construction Pte Ltd	HY M&E Consultancy Services Pte Ltd	2010
12	Shuqun Secondary School	Ministry of Education	Guan Ho Construction Co Pte Ltd	Bescon Consulting Engineers Pte Ltd	2010
13	Exxonmobile facilities at Jurong Island (Aurora)	Exxonmobil Asia Pacific Pte Ltd		Foster Wheeler Asia Pacific Pte Ltd	2015
14	Cable laying for Superloop	Superloop Pte Ltd		-	2016
15	Upgrading 84 Marine Parade Market/Hawker Centre	National Environment Agency (NEA)	Iso-Team Corporation Pte Ltd	HY M&E Consultancy Services Pte Ltd	2018
16	Residential Development @ Sinaran Drive		China Construction (South Pacific) Development Co Pte Ltd	Beca Carter Hollings & Ferner (SE Asia) Pte Ltd	2007-2011
17	Downtown Line Stage 2 Civil Contract 919 (Botanic Gardens & Stevens Station)	Land Transport Authority (LTA)	Sembawang Engineers and Constructors Pte Ltd	Geoconsult Asia Singapore Pte Ltd	2009-2015
18	International Cruise Terminal @ Marina South	JTC Corporation	Penta Ocean Construction Co Ltd	Aecom Singapore Pte Ltd	2010-2011



GRANDE ALLIANCE CORPORATION PTE LTD

NO 8 DEFU LANE 8, SINGAPORE 539313

TEL: (65) 6286 3265 (6 LINES) FAX: (65) 6281 1373

E-mail: info@grandealliance.com.sg

Website: www.grandealliance.com.sg

Reg. No.: 199308426N

S/No.	Project	Owner (or) Developer	Main Contractor	M & E Consultant	Year
19	One Canberra EC @ Yishun Ave 7 / Canberra drive comprising 13 Blks of 12/13 Storey with basement carpark (Total 665 units)	MCC Land (Singapore) Pte Ltd	China Jingye Engineering Corporation Limited	Surbana consultant Pte Ltd	2012-2014
20	Thomson-East Coast Line, Station E9, Contract T311, Bedok South Station	Land Transport Authority (LTA)	China Jingye Engineering Corporation Limited	Arup Singapore Pte Ltd	2016-2020
21	Sengkang N2 C36	Housing and Development Board (HDB)	Kay Lim Construction Pte Ltd	Surbana consultant Pte Ltd	2005-2006
22	Marina Bay Sands Integrated Resort	Las Vegas Sands	Ssangyong Engineering and Construction Co Ltd	Parsons Brinckerhoff Pte Ltd	2007-2010
23	Upgrading Maha Bodhi School @ Ubi Avenue 1	Ministry of Education	Chiu Teng Construction Co Pte Ltd	Aecom Singapore Pte Ltd	2008-2009
24	St. Andrew's Autism Centre @ Elliot Road		Kian Hiap Construction Pte Ltd	PTP Engineers	2009-2010
25	Kallang River @ Bishan Park (ABC Water Programme)		Chye Joo Construction Pte Ltd	Atelier Dreiseitl Asia & CH2M Hill JV	2009-2011
26	Punggol West C27 (Punggol Residences)	Housing and Development Board (HDB)	Chiu Teng Construction Co Pte Ltd	Rankine & Hill (S) Pte Ltd	2009-2011
27	Church @ Compassvale Link		Union Contractor (S) Pte Ltd	Rankine & Hill (S) Pte Ltd	2009-2011
28	Villa La Vue @ Silap View		Interpro Construction Pte Ltd	Elead Associates Private M&E Consultancy Services	2009-2011
29	Rosewood Suites Condominium	EL Development	Aik Chuan Construction Pte Ltd	Conteam Engineers Pte Ltd	2009-2012
30	Downtown Line Stage 2 Design & Build for Hillview & Cashew Station (Contract 913)	Land Transport Authority (LTA)	GS Engineering & Construction Corporation	Parsons Brinckerhoff Pte Ltd	2009-2015
31	Paya Lebar Airbase External Water Network			DSTA	2010-2011
32	R&R works to HDB Blocks for Ang Mo Kio Town Council	Government Agency		Ang Mo Kio Town Council	2010-2011
33	A&A CHIJ Saint Theresa's Convent		Gennal Industries Pte Ltd	Rankine & Hill (S) Pte Ltd	2010-2011
34	R&R and improvement works to 13 Blks of flats @ Telok Blangah Crescent	Government Agency		Tanjong Pagar Town Council	2010-2011
35	R&R works to 14 Blks for Jalan Besar Town Council (Boon Keng Road & McNair Road)	Government Agency		Jalan Besar Town Council	2010-2011
36	Verdiana Villas Premium Strata Semi-detached villas & Bungalow villas @ Grace Walk / Lorong Chuan (56 units)	Novelty Central Private Limited	Novelty Builders Pte Ltd	Elead Associates Private M&E Consultancy Services	2010-2011
37	R&R and improvement works to 13 Blks of flats @ Telok Blangah Crescent	Government Agency		Tanjong Pagar Town Council	2010-2011



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38	R&R works to 14 Blks for Jalan Besar Town Council (Boon Keng Road & Mcnair Road)	Government Agency		Jalan Besar Town Council	2010-2011
39	M1 Telecommunication term contract	M1 Limited		Red Technologies (S) Pte Ltd	2010-2011
40	Proposed Erection of 4 Storey Single-user Industrial Development @ Tukang Innovation Drive		BHCC Construction Pte Ltd	BC Koh & Partners	2010-2011
41	The Green Collection @ Sentosa Cove (Elevation Golf Villas)		Jetco Construction Pte Ltd	Elead Associates Private M&E Consultancy Services	2010-2011
42	Watten Residences Cluster House (59units)	Simefield Pte Ltd	Kim Seng Heng Engineering Construction Pte Ltd	Lincolne Scott Ng Pte Ltd	2010-2012
43	Multi-User Waterfront facility at Tuas South Ave 8 (Offshore Marine Centre)	JTC Corporation	Muhibbah Engineering (Singapore) Pte Ltd	Jurong Consultants Pte Ltd	2010-2012
44	Mixed Development @ Changi Business Park (Centric Singapore)		Greatearth Corporation Pte Ltd	J Roger Preston Singapore Pte Ltd	2010-2012
45	Tier @ Pegu Road (48units)	Kaiwatt Development Pte Ltd	Probilt Pte Ltd	Bescon Consulting Engineers Pte Ltd	2010-2012
46	Concourse Skyline @ Beach Road	Hong Fok Land Ltd	Maincon (Building) Pte Ltd	Alpha Consulting Engineers Pte Ltd	2010-2013
47	Public Housing Development at Sembawang Neighbourhood 4 Contract 10 (Sembawang Riverlodge)	Housing and Development Board (HDB)	Yau Lee Construction (Singapore) Pte Ltd	United Projects Consultants Pte Ltd	2010-2013
48	Residential Development @ Ardmore Park (Le Nouvel Ardmore)	Wing Tai Holdings Limited Singapore	Thian Sung Construction Pte Ltd	United Project Consultants Pte Ltd	2010-2013
49	Public Housing at Punggol West Contract 9 (Punggol Crest)	Housing and Development Board (HDB)	Teambuild Construction Pte Ltd	United Projects Consultants Pte Ltd	2010-2013
50	Sports Hub-Redevelopment of National Stadium into a New World-class multi-purpose sports hub	Singapore Telecommunication Limited	Dragages (S) Pte Ltd	Squire Mech Pte Ltd	2010-2014
51	Multiplier Light Industrial Factory @ 9 Tagore Lane (124 units)		Chiu Teng Enterprises Pte Ltd	United Project Consultants Pte Ltd	2010-2014
52	Residential Development @ Depot Road (The Interlace)	CapitaLand Residential & HPL	Woh Hup Pte Ltd	Squire Mech Pte Ltd	2010-2015
53	Ref No.: TAD4/10013 18 months term contract for supply of Heavy Duty Manhole frame & cover Qty- 800 Medium Duty & 750 Heavy Duty				2011-2011
54	Proposed Reconstruction of Existing Kong Hwa School & former Chung Cheng High School @ 350 Guillemard Road	PTP Engineers		PTP Engineers	2011-2012



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55	Industrial Development @ Kallang Avenue (CT Hub)	Chiu Teng Enterprises Pte Ltd	Chiu Teng Enterprises Pte Ltd	KTP Consultants Pte Ltd	2011-2012
56	Ref No.: QAD4/11067 12 months term contract for supply of Heavy Duty Manhole frame & cover Qty- 480 Heavy Duty				2011-2012
57	Public Housing Development at Tampines Neighbourhood 8 Contract 26 (Tampines Greenwood)	Housing and Development Board (HDB)	V3 Construction Pte Ltd	J Roger Preston (S) Pte Ltd	2011-2013
58	Downtown Line Stage 3 Civil Contract 930 (Ubi Station @ Ubi Avenue 3)	Land Transport Authority (LTA)	SK E&C (Singapore Branch)	Land Transport Authority	2011-2017
59	Downtown Line Stage 3 Civil Contract 923 @ Upper Changi Road East	Land Transport Authority (LTA)	Samsung C&T Corporation	Land Transport Authority	2011-2017
60	Ref No.: TAD4/11032 24 months term contract for supply of Heavy & Medium Duty Manhole frame & cover Qty- 1300 Medium Duty & 700 Heavy Duty	Singapore Telecommunication Limited		-	2012- On-going
61	Proposed Residential Public Housing Development comprising of 9 Blks of 17-Storey Flats @Punggol Way/Punggol Central	Housing and Development Board (HDB)	China Jingye Engineering Corporation Limited	Beca Carter Hollings & Ferner (SE Asia) Pte Ltd	2012-2014
62	1919 The Black & White Residences @ 110 Sophia Road		Woh Hup (Private) Limited	Squire Mech Pte Ltd	2012-2014
63	Public Housing at Fajar Road N4 C17 (Fajar Spring)	Housing and Development Board (HDB)	BHCC Construction Pte Ltd	Surbana International Consultants Pte Ltd	2012-2014
64	Container Berths & Stacking Yards for PSA Corporation P31 - P33	PSA Corporation Ltd	Koon Construction & Transport Co Pte Ltd	PSA Corporation Ltd	2012-2014
65	Public Housing Development @ Seng Kang N4 C26,27 & 28 (Fernvale Rivergrove)	Housing and Development Board (HDB)	Penta-Ocean Construction Co. Ltd	Surbana International Consultants Pte Ltd	2012-2015
66	Residential Development include 2-storey terrace houses (Total: 97 units) @ Serangoon Garden Way (HAUS @ Serangoon Garden)	Housing and Development Board (HDB)	Tiong Seng Contractors(Private) Limited	United Project Consultants Pte Ltd	2012-2016
67	Public Housing Development @ 113/114/115 McNair Rd Kallang Whampoa C20C (Total 861 units)	Housing and Development Board (HDB)	Sembawang Engineers and Constructors Pte Ltd	Surbana International Consultants Pte Ltd	2012-2016
68	Nalco-Jacobs project @ Jurong Island Ayer Merbau		Sumitomo Mitsui Construction Co., Ltd	-	2013-2014
69	Punggol Mosque @ Punggol Field		GTMS Construction Pte Ltd	Aecom Singapore Pte Ltd	2013-2015
70	Proposed Erection of a 4-Storey Multiple user light Industrial Factory (128units) @ 421 Tagore Industrial Avenue (Tagore 8)		Chiu Teng Enterprises Pte Ltd	KTP International Pte Ltd	2013-2015



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71	Residential Development @ Seng Kang Square/Compassvale Drive (La Fiesta)	EL Development Pte Ltd	Evan Lim & Co Pte Ltd	Conteem Engineers Pte Ltd	2013-2018
72	A&A and change of existing 3 Storey Fort Canning Centre to an Art Museum		Sunray Woodcraft Construction Pte Ltd	Rankine & Hill (S) Pte Ltd	2014-2014
73	Public Housing Development 10 Blks residential (1834 units) @ Sumang Lane / Punggol Way	Housing and Development Board (HDB)	Hi-Tek Construction Pte Ltd	Surbana Consultant Pte Ltd	2014-2017
74	Changi Airport Terminal 4, Passenger Terminal, Air Control Tower, Carpark.	Changi Airport Group (S) Pte Ltd	Takenaka Corporation	Beca Carter Hollings & Ferner (SE Asia) Pte Ltd	2014-2017
75	Thomson Line Civil Contract T227- Marina South Station	Land Transport Authority (LTA)	SembCorp Design & Construction Pte Ltd	Land Transport Authority	2014-2020
76	Thomson Line Civil Contract T221 Havelock Station	Land Transport Authority (LTA)	Gammon Construction Limited - Singapore Branch	Aecom Singapore Pte Ltd	2014-2020
77	Proposed erection of Foreign Worker Dormitory (25000 workers) @ Old Choa Chu Kang Road Sungei Tengah Lodge Singapore		HTC Construction Pte Ltd	Teamwork Consultants	2015-2016
78	New Temple @ Woodlands	BW-Monastery		KNG Architect & Urbanist	2015-2016
79	Construction of Church @ Jurong East	Calvary Bible -pres Church		CPG Consultant	2015-2016
80	Residential Development @ Yishun Ave 9 (Symphony Suites)	EL Development (Yishun) Pte. Ltd.	Evan Lim & Co Pte Ltd	Conteem Engineers Pte Ltd	2015-2017
81	North South Line Civil Contract 158 Canberra Station (NS12) @ North South Line Civil Contract 158 Canberra Station (Ns12)	Land Transport Authority (LTA)	China Construction (South Pacific) Development Co Pte Ltd	Surbana Jurong Consultants Pte Ltd	2015-2019
82	Upgrading of Geylang East Methodist Girls School	Ministry of Education		-	2016-2017
83	Proposed Erection 9 Blk 15 Storey residential at Tampines Street 86 (ALPS Residences)	MCC Land Pte Ltd	China Jingye Engineering Corporation Limited	United Projects Consultants Pte Ltd	2016-2018
84	Proposed Erection 6 Blk 16 Storey residential at Woodlands Avenue 12 (Northwave Residences)	MCC Land Pte Ltd	China Jingye Engineering Corporation Limited	DP Engineerings Pte Ltd	2016-2019
85	Proposed HDB 10 Blks of 15 Storey (1216 units) with Multi-Storey carpark @ Tampines North Drive 1 (Tampines N6C2A)	CNQC Engineering & Construction Pte Ltd	CNQC Engineering & Construction Pte Ltd	Surbana Jurong Consultants Pte Ltd	2016-2019
86	Woods Square @ Woodlands ave 5 (4 new buildings)	Far East Organization	Woh Hup (Private) Limited	Alpha Consulting Engineerings Pte Ltd	2016-2019



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87	Waste Depot - 8 Buildings - New - 1 - 3 Storey @ 15 Tuas View Circuit	Veolia Environmental Services Singapore	Boustead Projects Pte Ltd		2017-2018
88	Detached Houses (3) - New - 2 Storey @ 13 Narooma Road		Daiya Engineering & Construction Pte Ltd		2017-2019
89	Water Treatment Plant - New - 4 Storey @ 7 Tuas Avenue 10	NSL OilChem Waste Management Pte Ltd	Boustead Projects Pte Ltd		2017-2019
90	Integrated Intermediate Care Hub (Medical Centre Car Park - New - 17 Storey) @ Tan Tock Seng Link / Irrawaddy Road	Ministry of Health	Kajima Overseas Asia Pte Ltd	CPG Consultants Pte Ltd - Mechanical & Electrical Engineering Division	2017-2020
91	Design & construct of sewer tunnels for the Deep Tunnel Sewerage System Phase 2- Contract T-07	Public Utilities Board (PUB)	Ed ZUBLIN Ag. Singapore Branch	Surbana Jurong Consultants Pte Ltd	2017-2020
93	Contract ER529 Senja/Kranji Expressway (KJE) Interchange	Land Transport Authority (LTA)	Quek & Quek Civil Engineering Pte Ltd	Land Transport Authority	2017-2022
94	Residential Estate - Upgrade @ Yishun Street 81 / Ring Road / Yishun Avenue 4	Nee Soon Town Council	EAC Giftbuild Pte Ltd		2018-2019
95	Factory - Alterations & Additions - 3 Levels @ 2 Sixth Lok Yang Road	Spiral Marine Pte Ltd	TC Chua Construction Pte Ltd	TC Chua Construction Pte Ltd	2018-2019
96	Nan Hua Primary School Block G (School - Upgrade - 7 Storey) @ 30 Jalan Lempeng	Ministry of Education	Tat Hin Builders Pte Ltd	PTP Engineers Pte. Ltd	2018-2019
97	TLF @ 202 Pandan Loop (Factory New - 5 Storey)	Tiong Lian Food Pte Ltd	Figtree Projects Pte Ltd	K.L. Wong International	2018-2019
98	AMCOR (Factory - New - 2 Storey) @ Tuas Bay Drive	Boustead Singapore Limited	Boustead Projects E&C Pte. Ltd (aka BP E&C)	Boustead Projects E&C Pte. Ltd (aka BP E&C)	2018-2019
99	Warehouse - New - 7 Storey @ Alps Avenue	Schenker Singapore (Pte) Ltd	Boustead Projects Pte Ltd	PDC Consulting Engineers	2018-2019
100	Peacehaven Nursing Home @ 9 Upper Changi Road North		Vigcon Construction Pte Ltd	PTA Consultants Pte Ltd	2018-2019
101	Home Team Ns Clubhouse @ Yishun Avenue 2 (Clubhouse - New - 5 Storey)	Ministry of Home Affairs	CMC Construction Pte Ltd	Ministry of Home Affairs	2018-2020
102	WILMER @ Biopolis / One-North Link / Portsdown Road (Offices - New - 7 Storey)	Wilmar International Limited	Boustead Projects Pte Ltd	Squire Mech Pte Ltd	2018-2020
103	Poultry Farm - New @ 150 Neo Tiew Road	Chew's Agriculture Pte Ltd	Wee Hur Construction Pte Ltd	K L Au Consultants Pte Ltd	2018-2020
104	Jui Residences (Apartments (117) - New - 18 Storey) @ 1177 Serangoon Road	iCON Consulting Engineers Pte Ltd	Nakano Singapore (Pte) Ltd	iCON Consulting Engineers Pte Ltd	2018-2021
105	10 Evelyn (Apartments (56) - 4 Buildings - New - 5 Storey) @ Evelyn Road	Amara Holdings Ltd	Precise Development Pte Ltd	Wistec Engineers & Associates	2018-2020



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106	The Verandah Residences (Apartments (167) - 4 Buildings - 5 Storey Semi-Detached Houses (2) - New - 2 Storey) @ 231 Pasir Panjang Road	Oxley Holding Limited	Sysma Construction Pte Ltd	DP Engineers Pte Ltd	2018-2020
107	Parc Riviera (Apartments (752) - 2 Buildings - 36 Storey Car Park - 4 Storey - New) @ West Coast Vale	EL Development Pte Ltd	Evan Lim & Co Pte Ltd	Conteem Engineers Pte Ltd	2016-2020
108	Airbus Office/Warehouse 3 storey @ 12 Seletar Aerospace Park	Airbus Singapore Pte Ltd	Sanchoon Builders Pte Ltd	Gims & Associates Pte Ltd	2018-2019
109	Surbana Jurong Campus (Institute - New - 7 Storey) @ Cleantech Loop	Surbana Jurong Consultants Pte Ltd	Boustead Projects Pte Ltd	Surbana Jurong Consultants Pte Ltd	2019-2020
110	Choa Chu Kang Neighbourhood 8 Contract 11 Public Housing Project E Keat Hong Mirage (Apartments (530) - New - 22 Storey) @ Keat Hong Link / Choa Chu Kang Grove	Housing and Development Board (HDB)	Teambuild Engineering & Construction Pte. Ltd	Rankine and Hill (S) Pte Ltd - Mechanical and Electrical Department	2018-2021
111	Tuas Nexus Tuas Water Reclamation Plant (TWRP) Contract 1A (Water Reclamation Plant - New) @ Tuas	Public Utilities Board (PUB)	McConnell Dowell South East Asia Pte Ltd	Public Utilities Board (PUB)	2019-2026