



# HEPCO

CASTINGS ARE  
ECO-FRIENDLY!

&  
ENCOURAGES  
POLLUTION  
FREE WORLD





## BRIEF

M/s. Binay Udyog Pvt.Ltd. (BPL) a company incorporated under the companies act 1956 was established in the year 1983.

The main products manufactured by BPL is Centrifugal Cast (Spun) iron pipe, pipe fittings as per IS : 3989, Cast Iron Manhole Covers & Frames as per IS:1726 under our home brand "HEPCO" These are superior and used for sanitary, storm drain, waste, and vent piping. BPL have now added other castings in their manufacturing line.

### Why HEPCO Casting?

- a) Durability exceeding expected life of building
- b) Resistance to corrosion
- c) Non-combustible and does not contribute to the spreading of flames
- d) Resistance to abrasion
- e) Ability to withstand temperature extremes
- f) Ability to withstand traffic and trench loads
- g) Low coefficient of expansion/contraction
- h) Joints which resist infiltration and exfiltration
- i) Strength and rigidity
- j) Resistance to noise transmission
- k) Ecologically balanced, as can be recycled
- l) Resale value after life time use
- m) Environmental, Friendly.

### QUALITY POLICY

- \* Right quality to meet customers need
- \* Maintaining delivery schedule
- \* Error free product right at the beginning
- \* Maintaining quality in all functions
- \* Constant upgradation of quality

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## COMPANY PROFILE

Name of the Company	: M/s. BINAY UDYOG PVT. LTD.
Chairman Cum Managing Director	: Shri Ghanshyam Das Agarwal
Directors	: Shri Sanjeev Kumar Agarwal Shri Nikhil Agarwal
Regd. Office	: 20A, Sura 3rd Lane, Kolkata-700010 West Bengal, India
Phone	: +91 33 23539294/95
Mobile	: +91 9830049781
Fax	: +91 33 23539298
Email	: <a href="mailto:bpl@hepcoindia.com">bpl@hepcoindia.com</a>
Website	: <a href="http://www.hepcoindia.com">www.hepcoindia.com</a>
Works	: Village & Post: Unsani, P.S.: Jagacha, Dist. Howrah-711302, West Bengal, India
Telefax	: +91 33 26697357
Year of Establishment	: 1983

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## COMPANY PROFILE

Products	: a) Centrifugal Cast (Spun) Iron Pipe & Fittings IS : 3989 : b) Manhole Cover & Frame IS : 1726 c) Double Flange Pipe & Fittings d) Earthing Pipe e) Industrial Castings & other casting as per drawing with machining facility
Licensee	: Bureau of Indian Standards : IS : 3989, IS : 1726 : NSIC
Associated	: Indian Plumbing Skills Council (within the governing body)
Member	: Builders Association of India : Engineering Export Promotion Council of India : Indian Foundry Association : Indian Plumbing Association : Indian Institute of Foundry men
Regd. Home Brand	: HEPCO / BPL
Capacity	: 12500 TPY

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## COMPANY INFRASTRUCTURE

### FOUNDRY WORKSHOP

Divided blast Cupolas 5.5 MT / Hour	2 Nos.
Generators	3 Nos.
Centrifugal Pipe Casting Machines	7 Nos.

### MACHINE SHOP

Lathe 30 feet long	3 Nos.
12 feet long	1 No.
8 feet long	1 No.
6 feet long	1 No.
Mould Polishing Machine	
Horizontal Boring Machine	
100 mm.	1 No.
80 mm.	1 No.
Planning machine (11' x 6')	1 No.
VTL	1 No.

### DRILL MACHINE

Radial 2 1/2"	1 No.
Radial 3"	1 No.
Radial 3/4"	1 No.
Plain 1"	1 No.

### GRINDING MACHINES

Table Grinder	3 Nos.
Angle Cutter Machine	10 Nos.
4" Straight Grinding	4 Nos.
Welding Machine	3 Nos.
Gas Cutters	4 Nos.

### QUALITY CONTROL MEASURES

Chemical Laboratory (Metallurgical)  
Sand Testing Equipment  
Universal Testing Machine 100 KN  
with tensile, transverse & hardness  
testing attachment  
Load testing machine 700 KN  
Hydrostatic testing system

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CO**



## OPERATIONAL SYSTEM

### Raw Material

In-house chemical testing for Pig Iron & Hard coke as per the required standard.

### Cupola Operation

Inspection and repairing of cupola. Charging as per the Chargemix Prepared by the Chemist.

### Molten Metal

Chemical check-up at regular intervals.  
Molten metal poured into the respective inspected moulds.

### Quality Inspection

Brushing / Grinding / Visual Dimension / Weight / Hydrostatic & Load Test as per the requirement.

### Painting

Coating inside with black bitumen and outside with red oxide or black bitumen as per customer's choice.

### Machining

On requirement as per drawing given by the vendor.

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## LIST OF CLIENTS & THEIR PROJECTS

Name of the Project	Supplied Through	Site at
CPWD	Mr.N.Janardan Rao, Contractor	Hyderabad
CPWD	M/s. N. N. & Co.	New Delhi
CPWD	M/s.B.C.C.Developers	Gurgaon
CPWD	M/s.Suhag Syndicate	Indore
T.V.Today Bldg.	M/s.Amit Construction Co.	Bangalore
Shri. Kumar Mangalam's Bungalow	Dealer	Mumbai
M/s.Wipro Ltd.	M/s.Sanitary Syndicate.	Kolkata
M.E.S.	M/s.S.K.Builders	Orissa
Forest Department	M/s.OJeet Builders Pvt.Ltd.	Noida
CPWD	M/s.Girdharilal Contractors Pvt.Ltd.	Faridkot
CPWD	M/s.Pandit Construction Co.	Gurgaon
CPWD	M/s.Sam (India) Builtwell Pvt.Ltd.	Faridabad
CPWD	M/s.Ralhan Constn.Co.	Ghaziabad.
DG MAP	M/s.Maytas Infra.	Lucknow
CPWD	M/s.Inderjit Mehta Constn.	Port Blair, Guwahati
CPWD	M/s.Iqbal Construction Co.	Jammu
CPWD	M/s.Anupam Builders.	Bangalore
Annexe Bldg.to I.T.Dept.	M/s.PD.Agarwal	Raipur.
Residential & Commercial Projects	M/s.Unitech	Kolkata, Delhi & Gurgaon
MES	M/s.Gammon India.Ltd.	
	M/s.Maytas Infra Ltd.	
M/s. Druk Thuendel, Lerig	Dealer	Bhutan
CRPF	M/s.Srinivas & Co.Engrs & Contractors	Hyderabad
MAP	M/s.Shivalaya Construction Co.Pvt.Ltd.	Jammu
LGBRIMH	M/s.KMV Projects' Ltd.	Tezpur
PWD,SIDC,GSIDC	M/s.Aneesh Enterprises	Goa
New Hospital Projects	M/s.NCC Ltd.	Gangtok
IISER	M/s.NCC Ltd.	Kolkata
MAPM	M/s.G.S.J.Envo Ltd.	Lucknow
UPRNNL	Direct supply	Lucknow
Jay Peee Green Projects	M/s. R J Projects Pvt.Ltd.	Noida
Indira Gandhi International Airport	M/s.E.T.A.Engineers Pvt.Ltd.	Delhi
Residential Projects	M/s.Bengal Shelter Housing Devp. Ltd.	Kolkata
Hotel Project	M/s.Banerjee Presidential Tower Hotel Pvt. Ltd.	Kolkata

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## LIST OF CLIENTS & THEIR PROJECTS

Name of the Project	Supplied Through	Site at
Residential Projects	M/s.Mfar Constructions Pvt. Ltd.	Kolkata
Residential Projects	M/s.Canopy Projects Ltd.	Kolkata
Residential Projects	M/s.Diamond City Group.	Kolkata
Residential Projects	M/s.South City	Kolkata
Residential Projects	M/s.Tantia Constructions.	Kolkata
Uniworld City Project	M/s.Nayak Sanitations	Kolkata
CPWD	M/s.K.Das & Co (Contractor)	Kolkata
CPWD	M/s.Das Enterprises (Contractor)	Kolkata
MAPM	M/s.DIPL RDB Industries Ltd.	Fort William, Kolkata
Residential Projects	M/s.Delta Construction	Kolkata
CPWD	M/s.RNA Construction	Kolkata
Residential Projects	M/s.Bengal Greenfiled Housing Dev. Co.Ltd.	Kolkata
M E S (Military Hospital)	M/s. SKB Projects (I) Pvt.Ltd.	Jabalpur
BPS Mahila Vishwa Vidyalyaya Site	M/s.Ahluwalia Contracts (India) Ltd.	Sonipat, Haryana
MAP (Conts.of Dwelljig Units, Naval Station)	The Silppi Constructions Contractors	Cochin.
CPW (Constn of 100 Res.Qtrs for N.I.T.)	M/s.PC.Thomas & Co.	Calicut.
Kerala Water Authority	M/s.P P Gogad.	Trivandrum
Haryana District Hospitals	M/s.Larsen & Toubro Ltd.	Gurgaon, Hissar, Sonipat, Rohtak
UPRNNL	M/s.Jain Infraprojects Ltd	Ambedkarnagar
IOCL MSQ / HGU Project	M/s.Broadway Links Pvt.Ltd.	Barauni Refinery
Numaligarh refinery Project	M/s.Satnam Global Infraprojects Ltd	Golaghat, Assam
D G Marriage Accommodation Project	M/s.Vascon Engineers Ltd.	Pune
For NIT site	M/s.Shapoorji Pallonji & Co.Pvt.Ltd.	Rourkela
CMR project	M/s.Kapahi Construction	Banda
U.P. Thermal Power Plant	M/s.Apco Infratech Ltd.Aligarh	Aligarh
AIIMS Projects Site	M/s.R.J.Projects & M/s.Goel Associates	Raipur
Cancer Hospital	M/s.Apex Construction	Bhatinda
IRECO Valley Projects	M/s.Larsen & Toubro Ltd.	Gurgaon
Amausi Medical University	M/s.Alpha Pacific Engineers	Lucknow
AIIMS Project	M/s.Apex Construction	Delhi
Delhi Police Staff Quarter	M/s.MBL Infrastructure	Delhi

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BUREAU OF INDIAN STANDARDS

Total Number of Records: 1

Status Of Licence(s) for BINAY UDYOG PVT. LTD,

Date : 08/05/2015

S.No.	CML.No	Name & Address	Validity Date	Operative Status	Variety (Click it for details)
<b>West Bengal</b>					
IS 3989 : 2009 Centrifugally cast (spun) iron spigot and socket soil,waste and ventilating pipes, fittings, and accessories					
1	5222447	BINAY UDYOG PVT. LTD., VILL & P.O.-UNSANI, P.S.JAGACHA, City : Howrah Dist : Howrah State : West Bengal Pin : 711321	31/08/2015	Operative	a) Socket & Spigot Pipes of sizes from 50mm DN upto

BUREAU OF INDIAN STANDARDS

Type/Size/Grade/Variety and Brand Name for CML No. 5222447

Date : 08/05/2015

Brand Name :

Type/Size/Grade/Variety :

- a) Socket & Spigot Pipes of sizes from 50mm DN upto and including 150mm DN, 3000mm length for lead joint; b) Bends without access Doors of size 100mm DN; c) Equal branch(single) without access Doors, 100mm DN; d) Traps of size 100mm DN
- 1.Single Equal Branch of size 50mm DN without Access Door of angle 92½ 0 -Table-4
  - 2.Single Equal Branch of size 50mm DN with Access Door of angle 92½ 0 -Table-4
  - 3.Double Unequal Branch of size 100 x 75 mm DN without Access Door of angle 92½ 0 -Table-5 ; 4.Double Unequal Branch of size x 75 mm DN with Access Door of angle 92½ 0 -Table-5 ; 5.Single Unequal Branch of size 100 x 75 mm DN with Access Door of an angle 135 0 -Table-5 ; 6.Double Unequal Branch of size 100 x 75 mm DN without Access Door of angle 135 0 -Table-5 ; 7.Double Unequal Branch of size 100 x 75 mm DN with Access Door of angle 135 0 -Table-5 ; 8.Large Radius Bend of size 75 mm DN of angle 135 0 -Table-13 ; 9.Large Radius Bend of size 100 mm DN of angle 135 0 -Table-13
  - 10.Unequal Inverted Branch of size 100 x 50 mm DN, socket type, of angle 180 0 -Table-15 ; 11.Trap with Vent of size 100 x 50 mm of angle 95 0 -Table-19
  - 12.Double Socket Pipe of size 100mm DN x 1800 mm long -Table-1
- 1 ) Double Socket Pipe of size 75mm DN x 1800 mm long -Table-1
  - 2 ) Double Socket Pipe of size 75mm DN x 3000 mm long -Table-1
  - 3 ) Double Socket Pipe of size 100mm DN x 3000 mm long -Table-1
  - 4 ) Double Socket Pipe of size 150mm DN x 1800 mm long -Table-1
  - 5 ) Double Socket Pipe of size 150mm DN x 3000 mm long -Table-1

- 1)200mm DN Bend of 92° Without Access Door; Table 1 & 3
- 2) 200mm DN Bend of 135° without Access Door; Table 1 & 3
- 3) 200mm DN Equal Single Branch of 92° Without Access Door; Table 1 & 4
- 4) 200mm DN Equal Single Branch of 135° Without Access Door; Table 1 & 4
- 5) 200mm x 100mm DN Unequal Single Branch of 92° Without Access Door; Table 1 & 5
- 6) 200mm x 150mm DN Unequal Single Branch of 135° Without Access Door; Table 1 & 5

Equal and Inverted Branch socket Type of Size 100 DN x 100 dn of angle 180 degree- Table 15





**BUREAU OF INDIAN STANDARDS**

**Total Number of Records: 1**

**Status Of Licence(s) for BINAY UDYOG PVT. LTD,**

**Date :** 08/05/2015

<u>S.No.</u>	<u>CML No</u>	<u>Name &amp; Address</u>	<u>Validity Date</u>	<u>Operative Status</u>	<u>Variety (Click it for details)</u>
<b>West Bengal</b>					
	IS 1726 : 1991	Specification for cast iron manhole covers and frames			
1	5132143	BINAY UDYOG PVT. LTD., VILL & P.O.-UNSANI, P.S;JAGACHA, City : Howrah Dist : Howrah State : West Bengal	30/11/2015	Operative	A) SIZE-560 MM DIA (COVER) CIRCULAR

\*\*\* END OF REPORT \*\*\*

**BUREAU OF INDIAN STANDARDS**

**Type/Size/Grade/Variety and Brand Name for CML No. 5132143**

**Date :** 08/05/2015

**Brand Name :**

**Type/Size/Grade/Variety :**

- A) SIZE-560 MM DIA (COVER) CIRCULAR  
B) HEAVY DUTY (HD-20, SQUARE FRAME COVER) AS ABOVE AT (A),  
1) MD-10 Medium duty Circular Type of Clear opening 500mm(Dia)  
2) MD-10 Medium duty Rectangular Type of Clear opening 450 x 600mm  
3) HD-20 Heavy duty Circular Type of Clear opening 500mm(Dia)  
4) HD-20 Heavy duty Circular Type of Clear opening 600mm(Dia)  
(i)Grade: Light Duty; Grade Designation: LD - 2.5; Type/Shape of Cover: Square; Clear Opening: 400 mm x 400 mm  
(ii) Grade: Light Duty; Grade Designation: LD - 2.5; Type/Shape of Cover: Circular; Clear Opening: 370 mm dia.  
(iii) Grade: Medium Duty; Grade Designation: MD - 10; Type/Shape of Cover: Circular; Clear Opening: 450 mm dia.  
(iv) Grade: Heavy Duty; Grade Designation: HD - 20; Type/Shape of Cover: Rectangular; Clear Opening: 450 mm x 900 mm

\*\*\* END OF REPORT \*\*\*

**BPL**



**WE ARE SOFT**  
**WE ARE STRONG**



From the humble beginning in 1983,  
**Binay Udyog (P) Ltd.**  
 since then, manufactures environmental  
 friendly, ecologically balanced  
 (as can be recycled)  
**Cast Iron Castings**  
 under strict quality control procedures  
 and deliver products that promises  
 performance for longer life. Thereby  
 encouraging **GREENER** world.

**WE ARE BETTER**

Comparison between HEPSCO  
 and other pipes & fittings

Sl.	Property	Asbestos CEMENT	SWR PVC PIPES	HEPCO CENTRI
1.	Impact Strength	Low	Low	High
2.	Durability	Low	Medium	Life Long
3.	Chocking	Frequent	No Chocking	No Chocking
4.	Maintenance	More	Less	Less
5.	Installation time	High	Low	High
6.	Resistance to Fire and Heat	Good	Very Low	Very Good
7.	Resale Value	Nil	Very Low	High



**BINAY UDYOG PVT. LTD.**

Email: [bpl@hepcoindia.com](mailto:bpl@hepcoindia.com)  
 Website: [www.hepcoindia.com](http://www.hepcoindia.com)

