

# INDIAN HUME PIPE AND PRICAST

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## COMPANY BROCHURE



# About Us

**Indian Hume Pipe and Pricast** is a Partnership Company Established in Bhirsin , Budbud District – Bardhaman of West Bengal

By Bhim Das Bose S/O Late Chatrapati Bose and Bidisha Bose D/O Late Shivsadhan Sarkar. This is a manufacturing Unit of R.C.C. Hume pipe and different innovative Precast (RCC) Products . We are running our fourth generation of business with good reputation based on quality products supply in market through a long period. We have five such manufacturing units in different districts of west Bengal namely Bardhaman (**Indian Hume Pipe and Pricast** ) , Bankura(Bankura agri engineering works) , Purulia(Vivekananda Industries) ,Garbeta (Hanseswar Agri Engineering Works), and Paschim Midnapur(M/S Bose Constructions) .running with good reputation and good will rill date

Our Great grand father late Hemchandra Bose was a civil surveyor engineer in British age he inspired his son Late Hanseswar Bose our Grand father to establish an agro based Industry in our Garbeta in 1948 for manufacturing of agricultural equipments , different RCC Products , then he started second unit in Midnapur town after that in Bankura after that my father Late Chatrapati Bose started one unit in Purulia then we both Partners started an MSME unit in name and style of **Indian Hume Pipe and Pricast**.

In **Indian Hume Pipe and Pricast** is a manufacturing unit with modern facilities for manufacturing of different types of of RCC Pipes of various joint types and different types of innovative precast like Manhole frame with cover, Boundary wall , Fencing Post etc, Used in Different Government and Non-Governmental Projects like **“Swach Bharat Abhiyan” , Polution Control Works and Different Development Works of PWD Roads , Railway Projects, Metro Rail Projects, State and National Highway Authority Projects( with Government Aproval) , Irrigation Department , Waste water Management (Namami Gange Project ) of KMDA** with our esteemed Clients Namely **L&T , Bridge and Roof, Machinetosh Burn Co.Ltd, KCC Builtcon Co.Ltd etc.**

**Our Products are ISI certified by Bureau of Indian Standards (BIS), New-Delhi.**

We hope best Cooperation and Good Wishes of Everyone as we always try to give our best Performance and service good facilitation of our client aiming towards Prosperity of our Nation.

## RCC Hume Pipes

The **RCC Hume Pipe** are cast by compacting concrete together with the embedded steel reinforcement in molds with centrifugal force by revolving the molds.

we are offering an enormous range of **RCC Hume Pipes**. Our offered pipes are suitable for places like agriculture, drainage, Highway water passage, Railway / metro water passage, culverts, telecommunication and bridges. The offered pipes are manufactured using supreme grade concrete with the help of modular machines in compliance with set industry norms. Moreover, it is checked for its quality on series of quality parameters before being supplied to our clients.

Following are the Categories of the products:

- Class NP2 of Collar Joint Type
- Class NP3 of Flash Joint Type
- Class NP3 of Spigot and Socket Joint Type
- Class NP4 of Flash Joint Type
- Class NP4 of Spigot and Socket Joint Type



**RCC Hume Pipes** are available in various Dimensions for each category.

**RCC Hume Pipe Class - NP- 2**

Bore dia in inches	Bore dia in mm	Thickness in mm
06"	150mm	25mm
09"	225mm	25mm
12"	300mm	30mm
15"	375mm	32mm
18"	450mm	35mm
24"	600mm	45mm
30"	750mm	50mm
36"	900mm	55mm
42"	1050mm	60mm
48"	1200mm	70mm

**RCC Hume Pipe Class - NP- 3**

Bore dia in inches	Bore dia in mm	Thickness in mm
06"	150 mm	25 mm
10"	250 mm	30 mm
12"	300 mm	40 mm
15"	375 mm	75 mm
16"	400 mm	75 mm
18"	450 mm	75 mm
20"	500 mm	75 mm
24"	600 mm	85 mm
28"	700 mm	85 mm
32"	800 mm	95 mm
36"	900 mm	100 mm
40"	1000 mm	115 mm
48"	1200 mm	120 mm
56"	1400 mm	135 mm
72"	1800 mm	150 mm

**RCC Hume Pipe Class - NP- 4**

Bore dia in inches	Bore dia in mm	Thickness in mm
4"	100 mm	25 mm
6"	150 mm	25 mm
8"	200 mm	30 mm
10"	250 mm	30 mm
12"	300 mm	40 mm
16"	400 mm	75 mm
18"	450 mm	75 mm
20"	500 mm	75 mm
24"	600 mm	85 mm
28"	700 mm	85 mm
32"	800 mm	95 mm
36"	900 mm	100 mm
48"	1200 mm	120 mm
56"	1400 mm	135 mm
64"	1600 mm	140 mm
72"	1800 mm	150 mm



There are various **Tests** conducted to ensure good quality of products .  
Following are the test facilities available :

- Three edge load bearing test
- Hydrostatic test
- Permeability test
- Cube test
- Sieve test



# Precast Products

The concept of **Precast** (also known as “prefabricated”) construction includes those buildings where the majority of structural components are standardized and produced in plants in a location away from the building, and then transported to the site for assembly. These components are manufactured by industrial methods based on mass production in order to build a large number of buildings in a short time at low cost.

We manufacture a wide range of precast products for various type of utilization starting from domestic to industrial. Most of these products are vibration casted to ensure high durability and strength. Utility specific grade of concrete is used to ensure the purpose of the product installed is fulfilled.



Following are the types of **Precast Products** we manufacture:

- Prefabricated Boundary Walls
- Hollow Drain Covers
- Hollow Manhole Covers with frame
- Solid Manhole Cover with frame
- Fencing Poles







# BIS CERTIFICATION

**भारतीय मानक ब्यूरो** पूर्ण वैश्विक मानक  
**BUREAU OF INDIAN STANDARDS**  
 Eastern Regional Office: 1/14, C.T. Scheme VI M, V.P. Road, Kharakhuri, Kolkata-700 054  
 2320-84998061  
 2320-86208602  
 www.bis.gov.in

Our Ref: CML-5100171377      Date: 19-05-2020

Subject: Grant of BIS Certification Marks Licence No.- 5100171377 as per IS 458:2003

M/s Indian Home Pipe And Pricast  
 Vill- Bhirain, P.O.- Budbud,  
 Goh-L, Bardhaman-713403  
 West Bengal

Dear Sir(s),

With reference to your application, we are pleased to inform you that the Certification Marks Licence has been granted to you to use the Standard Mark in respect of the following:

Product: Precast Concrete Pipes (with and without Reinforcement)

Grade / Type / Class / Variety : Class: NF2, Sizes ID 300 mm, 600 mm and 900 mm, Type of Joint: Collar Jointed, Spigot Cast, Reinforced.  
 Class: NF2, Sizes ID 300 mm, 600 mm and 900 mm, Type of Joint: Flange Jointed, Spigot Cast, Reinforced.

As per IS 458:2003

- The licence is granted on the explicit condition that you will mark entire/substantial production which conforms to the Indian Standards.
- The number assigned to this Licence is CML-5100171377 which has been made operative from 13-05-2020 and is valid up to 13-05-2021. The licence numbers should invariably be referred to in your future correspondence. According to Sub-Paragraph (1) & (3) of Paragraph 5 of Schedule-I of Schedule-II under Bureau of Indian Standards (Conformity Assessment) Regulations, 2018, the annual licence fee of Rs.1000.00 and the marking fee for use of Standard Mark as per Annexure-I of Scheme-I of BIS (Conformity Assessment) Regulations, 2018 is payable by you with effect from 13-05-2020 for the period of validity of the licence in advance.
- Minimum Marking fee stipulated in Annexure-I of Scheme-I of BIS (Conformity Assessment) Regulations, 2018 is payable by you regardless of the fact whether you actually mark your product or not with the Standard Mark. Use Receipt No. 0051/P/2020/01/02 dated 13-05-2020 for the licence fee and the minimum marking fee for the first operative period is already issued.
- This advance minimum marking fee will be carried over to the next year on every renewal. The actual marking fee calculated on the unit rate on the production marked or the minimum marking fee, whichever is higher, shall be payable by you at the time of renewal.

- With a view to streamlining the reporting of quantity marked, calculation and collection of marking fee on the unit rate basis, fees will be calculated on the production marked during the first nine months of operation of the licence at the time of first renewal, and on the production marked during twelve months comprising the last three months of the previous operative year and the first nine months of the current operative year, at the time of the second and subsequent renewals. In case the licence expires, the entire production marked till the expiry date shall be taken into account for calculating the marking fee payable.
- The Scheme of Inspection and Testing (SIT) as specified by BIS will have to be implemented by your organization strictly and completely. This supervision of the operation of the Scheme shall be done by a person responsible for the quality control function in your organization. Kindly inform us the name and designation of the person who will be held responsible for the operation and maintenance of the Scheme. Any future change in this respect will have to be communicated by you to us as and when these take place.
- We are enclosing a sheet giving the preferred dimensions of the Standard Mark to enable you to prepare the designs of the Standard Mark for marking the above product. Photographic reduction in any size is permissible. This will ensure the relative proportions of the different dimensions maintained. Preferred dimensions be used as far as possible.
- On commencement of marking of your product for which you are licensed, you may advertise your product with Standard Mark in various media only during the validity of your licence. The use of Standard Mark on letterheads and publicity literature will be permitted only on receipt of your assurance that in the event of cancellation or lapsing of your licence, the Standard Mark on your letterheads, publicity literature etc. will be destroyed/obliterated.
- This licence is granted for your manufacturing premises situated at Vill- Bhirain, P.O.- Budbud, Goh-L, Bardhaman-713403, West Bengal. Privileges under the licence shall not be exercised by any other firm/company/factory etc. This licence is not transferable in the event of shifting the manufacturing and testing equipment from the licensed premises to some other place, use of Standard Mark shall be stopped till the new premises are inspected and found to be satisfactory by BIS in respect of manufacturing and testing facilities available there and the address of the new premises is endorsed in the licence.

Thanking you,  
 Encl: As above.

Yours faithfully,  
 (Atindra Chatterjee)  
 Scientist-E & Head

# Joint Inspection reports

**JOINT INSPECTION REPORT - PRECAST CONCRETE PIPE**  
 DATE- 19.08.2020

CLIENT : Thermosystems Pvt. Ltd.  
 REF P.O NO. & DATE : P-388/NS/18451 dt-06/08/2020  
 NAME OF PROJECT : Fire Fighting Package for OSHM. Facilities at HURLI, Baranasi (Bihar)

MANUFACTURER : INDIAN HOME PIPE AND PRICAST  
 Bhirain, P.O-Budbud, Dist-Bardhaman, Pin-713403

INSPECTING AGENCY : TÜV India Pvt. Ltd.  
 MATERIAL INSPECTED : Different Dia RCC Home Pipe of Class Np-3 Flange joint type(SI Marked)  
 DATE OF INSPECTION : 19.08.2020  
 Ref. Code: IS 458-2003

Sl No	MATERIALS RCC PIPES / CLASS	Reinforcement ID		Length		Offer Quantity		Remarks
		As per Standard	Actual	As per Standard	Actual	As per P.O	Actual	
1	250 mm Np-3	250 mm	249 mm	2.50 mtr	2.48 mtr	43.5 mtr	42.5 mtr	
2	300 mm Np-3	300 mm	302 mm	2.50 mtr	262.3 mtr	202.5 mtr		
3	400 mm Np-3	400 mm	401 mm	2.50 mtr	2.51 mtr	12.5 mtr	12.5 mtr	
4	600 mm Np-3	600 mm	602 mm	2.50 mtr	2.49 mtr	107.5 mtr	107.5 mtr	
5	900 mm Np-3	900 mm	898 mm	2.50 mtr	187.3 mtr	184 mtr		
6	900 mm Np-3	900 mm	900 mm	2.50 mtr	2.49 mtr	42.5 mtr	42.5 mtr	

NOTE:  
 The following Test are conducted as per the annexure for the above pipes:  
 1. Visual & Dimensional, 2. Hydrostatic Test, 3. Three-Edge Bearing Test as per IS 458:2003

Conclusion: The above inspected pipes are in line with IS 458: 2003. Therefore the cleared quantity of pipes are accepted for dispatch at site.

Manufacturer: Indian Home Pipe and Pricast  
 Client: Thermosystems Pvt. Ltd.

**JOINT INSPECTION REPORT - PRECAST CONCRETE PIPE**  
 DATE- 02.12.2020

CLIENT : KMEDA  
 CONTRACTOR : GANNON DUNCKERLEY & CO. LTD  
 REF P.O NO. & DATE : CE-02-1163 dt-17/11/2020  
 NAME OF PROJECT : Kharakhuri Sewerage Networking Project

MANUFACTURER : INDIAN HOME PIPE AND PRICAST  
 Bhirain, P.O-Budbud, Dist-Bardhaman, Pin-713403

MATERIAL INSPECTED: Different Dia RCC Home Pipe of Class Np-3 Spigot & Socket type.  
 DATE OF INSPECTION : 02.12.2020  
 Ref. Code: IS 458-2003 & IS 3997 - 1998

Sl No	MATERIALS RCC PIPES / CLASS	QTY ORDER	QTY (BAG)	QTY AT SITE	QTY CLEARED	QTY CLEARED	REMARKS
		(IND)	(Bag)	(Bag)	(Bag)	(Bag)	
1	500 mm Np-3	177	177	177	177	177	
2	600 mm Np-3	137	137	137	137	137	
3	900 mm Np-3	86	86	86	86	86	

Test Qty Cleared      Bag

NOTE:  
 The following Test are conducted as per the annexure for the above pipes:  
 1. Visual & Dimensional, 2. Hydrostatic Test, 3. Three-Edge Bearing Test, 4. Permeability Test as per IS 458:2003

Conclusion: The above inspected pipes are in line with IS 458: 2003. Therefore the cleared quantity of pipes are accepted for dispatch at site.  
 Any Remark: The above pipes are accepted provided they receive date of approval.

Manufacturer: Indian Home Pipe and Pricast  
 Client: Gannon Dunckerley & Co. Ltd.

**JOINT INSPECTION REPORT - PRECAST CONCRETE PIPE**  
 DATE- 21.09.2020

CLIENT : Thermosystems Pvt. Ltd.  
 REF P.O NO. & DATE : P-388/NS/18451 dt-06/08/2020  
 NAME OF PROJECT : Fire Fighting Package for OSHM. Facilities at HURLI, Baranasi (Bihar)

MANUFACTURER : INDIAN HOME PIPE AND PRICAST  
 Bhirain, P.O-Budbud, Dist-Bardhaman, Pin-713403

INSPECTING AGENCY : TÜV India Pvt. Ltd.  
 MATERIAL INSPECTED : 800 mm Dia RCC Home Pipe of Class Np-3 Flange joint type(SI Marked)  
 DATE OF INSPECTION : 21.09.2020  
 Ref. Code: IS 458-2003

Sl No	MATERIALS RCC PIPES / CLASS	Reinforcement ID		Length		Offer Quantity		Remarks
		As per Standard	Actual	As per Standard	Actual	As per P.O	Actual	
1	800 mm Np-3	800 mm	800 mm	3.50 mtr	2.51 mtr	87.5 mtr	87.5 mtr	

NOTE:  
 The following Test are conducted as per the annexure for the above pipes:  
 1. Visual & Dimensional, 2. Hydrostatic Test, 3. Three-Edge Bearing Test, 4. Permeability Test as per IS 458:2003

Conclusion: The above inspected pipes are in line with IS 458: 2003. Therefore the cleared quantity of pipes are accepted for dispatch at site.

Manufacturer: Indian Home Pipe and Pricast  
 Client: Thermosystems Pvt. Ltd.

# Quality Assurance Plan

**INDIAN HUME PIPE AND PRICAST**  
Manufacturers of RCC Spun Pipe & Collars.

Name of Client: Thermosystems Pvt. Ltd. QAP - Reference No: IHP/ISP/RCC Pipe/2018  
P.O. NO : P-337/B/54/15864

Project : Modernization and expansion of Bhilai Steel Plant

**QAP FOR RCC PIPE (NP-4)**

SR.NO.	COMPONENT & OPERATION	ACCEPTANCE NORM	REFERENCE DOCUMENT	QUANTUM OF CHECK	Inspection		REMARKS
					Manufacturer	Thermosystems Pvt.Ltd	
<b>RAW MATERIAL</b>							
A	Concrete Mix Design	IS 10262 :2009, IS 456:2000	Approval Copy	100%	P	V	
B	Cement	IS 12269:1987/IS 455-1989/	MTC	100%	P	V	
C	HD WIRE	IS 432-1982 part 2	MTC	100%	P	V	
<b>IN PROCESS</b>							
A	Concrete Cube Strength	IS 456-2000	Test register	100%	P	V	
B	Steel Cage Weight	IS 458-2003	-	100%	P	V	
C	Process of manufacturing	Spinning process	-	100%	P	V	
D	Curing	IS 458-2003	-	100%	P	V	
<b>FINAL INSPECTION</b>							
A	Hydrostatic Test	IS 3397-1998	Test Certificate	As per lot size	P	RW	
B	3 edge Bearing Test	IS 3397-1998	Test Certificate	As per lot size	P	RW	
C	Dimension Check	IS 458-2003	Test Certificate	As per lot size	P	RW	
D	Marking	IS 458-2003	-	As per lot size	P	RW	

Abbreviation: (P-Perform,W-Witness,V=Verification of documents,RW=Random witness)

MANUFACTURER Thermosystems Pvt. Ltd.

**INDIAN HUME PIPE AND PRICAST**  
Manufacturers of RCC Spun Pipe & Collars.

Name of Client: Thermosystems Pvt. Ltd. QAP - Reference No: IHP/HURL/RCC Pipe/2020  
P.O. NO : P-367/B/50/18384

Project : Fire Fighting Package for OSBL Facilities at HURL, Sindri (Jharkhand)

**QAP FOR RCC PIPE (NP-3)**

SR.NO.	COMPONENT & OPERATION	ACCEPTANCE NORM	REFERENCE DOCUMENT	QUANTUM OF CHECK	Inspection		REMARKS
					Manufacturer	Thermosystems Pvt.Ltd	
<b>RAW MATERIAL</b>							
A	Concrete Mix Design	IS 10262 :2009, IS 456:2000	Approval Copy	100%	P	V	
B	Cement	IS 12269:1987/IS 455-1989/	MTC	100%	P	V	
C	HD WIRE	IS 432-1982 part-2	MTC	100%	P	V	
<b>IN PROCESS</b>							
A	Concrete Cube Strength	IS 456-2000	Test register	100%	P	V	
B	Steel Cage Weight	IS 458-2003	-	100%	P	V	
C	Process of manufacturing	Spinning process	-	100%	P	V	
D	Curing	IS 458-2003	-	100%	P	V	
<b>FINAL INSPECTION</b>							
A	Hydrostatic Test	IS 3397-1998	Test Certificate	As per lot size	P	RW	
B	3 edge Bearing Test	IS 3397-1998	Test Certificate	As per lot size	P	RW	
C	Dimension Check	IS 458-2003	Test Certificate	As per lot size	P	RW	
D	Marking	B.I.S	ISI	As per lot size	P	RW	

Abbreviation: (P-Perform,W-Witness,V=Verification of documents,RW=Random witness)

MANUFACTURER Thermosystems Pvt. Ltd.

# Quality Testing

Production Schedule of 200mm,300mm,400mm,450mm,600mm,900mm dia with Cube Test Report(IHP-JHA)

Date of Casting	Date of Testing	City	City Observation	Date of Testing	28 day Observation	Remarks
11.08.2020	21.08.2020	Delhi	23.8	23.8	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4
13.09.2020	20.09.2020	Delhi	23.8	23.8	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4
15.09.2020	22.09.2020	Delhi	23.8	23.8	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4
20.09.2020	27.09.2020	Delhi	23.8	23.8	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4
17.09.2020	24.09.2020	Delhi	23.8	23.8	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4
18.09.2020	25.09.2020	Delhi	23.8	23.8	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4
18.09.2020	25.09.2020	Delhi	23.8	23.8	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4
20.09.2020	27.09.2020	Delhi	23.8	23.8	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4
21.09.2020	28.09.2020	Delhi	23.8	23.8	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4
			23.9	23.9	35	35.4

**INDIAN HUME PIPE AND PRICAST**

M.S.M.E. Regd. (UAN) No. - WB036000125 Dated 09.12.14  
Manufacturers :- R.C.C. Spun Pipe (Hume Pipe) & Collar - Class - NP-2  
Class - NP-3 & Class NP-4 & Other R.C.C. Products.  
e-mail - indianhumpipe 198@gmail.com  
Bhirsin, P.O.- Budhad, Dist.- Burdwan, W.B. Pin No. -713403

**MANUFACTURER TEST CERTIFICATE**

1. Name and Address of Purchaser :- Thermosystems Pvt. Ltd.  
Jodindia, Hyderabad-500 055,  
Telangana, India.

2. Purchase Order Job No. & Date :- P-388/NB/SO18451 Date-06/Aug/2020

3. Name of Manufacturer :- Indian Hume Pipe and Pricast

4. Checked and Tested By :- Testing & Quality Control Officer of The Factory

5. Tested At :- Factory Premises at Bhirsin  
P.O.-Budhad, Dist.- Burdwan (W.B)  
Pin-713403

6. Date of Check / Test on :- 12.08.2020

Dimension Check and three Edge Bearing Test Report (As per IS:458-2003) Of 900 mm dia Pipe Of Class NP-3 Flash joint type for your HURL, Baraun (Bihar) Site.

**900 mm dia pipe of Class NP-3 Flash joint type (ISI MARKED)**

Particulars	Required	Observed		Observed Sample-III
		Sample-I	Sample-II	
Internal Dia in (MM)	900	900	900	900
Length (Meter)	2.50	2.50	2.50	2.50
Thickness (MM)	100	100	101	99
No's Of long Steel	6*6	6*6	6*6	6*6
Weight Of long Steel (Kg)	6.53	6.53	6.59	7.10
Weight Of Spiral (Kg)	45.75	45.76	45.79	46.10
Weight Of Cage (Kg)	52.4	52.42	52.48	53.20
Load to Produce 0.25 mm Crack (KN)	107.77	109	111.00	108
Ultimate Load (KN)	161.67	162	161	156

Remarks:- The above test found satisfactory quantity accepted 40 Nos 900 mm dia pipe of Class NP-3 Flash joint type.

Signature of Manufacturer: *Partner*      Signature of Testing & Quality Control Officer: *Officer*

**INDIAN HUME PIPE AND PRICAST**

M.S.M.E. Regd. (UAN) No. - WB036000125 Dated 09.12.14  
Manufacturers :- R.C.C. Spun Pipe (Hume Pipe) & Collar - Class - NP-2  
Class - NP-3 & Class NP-4 & Other R.C.C. Products.  
e-mail - indianhumpipe 198@gmail.com  
Bhirsin, P.O.- Budhad, Dist.- Burdwan, W.B. Pin No. -713403

**MANUFACTURER TEST CERTIFICATE**

1. Name and Address of Purchaser :- Thermosystems Pvt. Ltd.  
Jodindia, Hyderabad-500 055,  
Telangana, India.

2. Purchase Order Job No. & Date :- P-388/NB/SO18451 Date-06/Aug/2020

3. Name of Manufacturer :- Indian Hume Pipe and Pricast

4. Checked and Tested By :- Testing & Quality Control Officer of The Factory

5. Tested At :- Factory Premises at Bhirsin  
P.O.-Budhad, Dist.- Burdwan (W.B)  
Pin-713403

6. Date of Check/ Test On :- 10.08.2020

Dimension Check and three Edge Bearing Test Report (As per IS:458-2003) Of 600 mm dia Pipe Of Class NP-3 Flash joint type for your HURL, Baraun (Bihar) Site.

**600 mm dia pipe of Class NP-3 Flash joint type (ISI MARKED)**

Particulars	Required	Observed		Observed Sample-III
		Sample-I	Sample-II	
Internal Dia in (MM)	600	600	600	600
Length (Meter)	2.50	2.50	2.50	2.50
Thickness (MM)	85	84.50	85	85.50
No's Of long Steel	6*6	6*6	6*6	6*6
Weight Of long Steel (Kg)	2.95	2.95	2.98	2.95
Weight Of Spiral (Kg)	17.52	17.52	20.98	20.68
Weight Of Cage (Kg)	20.47	20.75	40.62	41.71
Load to Produce 0.25 mm Crack (KN)	71.83	71.85	74.15	75.50
Ultimate Load (KN)	107.77	107.77	110.00	108.00

Remarks:- The above test found satisfactory quantity accepted 75 Nos 600 mm dia pipe of Class NP-3 Flash joint type.

Signature of Manufacturer: *Partner*      Signature of Testing & Quality Control Officer: *Officer*

# Audit Report

**TAX AUDIT REPORT**

Client Name :	<b>INDIAN HUM- - PIPE &amp; PRE-CAST</b>
Financial Year :	<b>2018-2019</b>



**A. LODHA & CO.**  
Chartered Accountants

<b>OFFICE ADDRESS :-</b> 373, Veer Savarkar Sarani Raniganj More Bankura Pin Code - 722101 (W.B.)	<b>CONTACT :-</b> Mobile No. : 8597137870/6294513989 E-mail : ca.salampuria@gmail.com
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**TAX AUDIT REPORT**

Client Name :	<b>Indian Hum pipe &amp; Pre-cast</b>
Financial Year :	<b>2019-2020</b>



**A. LODHA & CO.**  
Chartered Accountants

<b>OFFICE ADDRESS :-</b> 373, Veer Savarkar Sarani Raniganj More, Bankura Pin Code :- 722101 (W.B.)	<b>CONTACT :-</b> Mobile No. : 8597137870/6294513989 E-mail : ca.salampuria@gmail.com
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FORM NO. 3CB  
[See rule 6G(1)(b)]  
Audit report under section 44AB of the Income-tax Act, 1961 in the case of a person referred to in clause (b) of sub-rule (1) of rule 6G

1. We have examined the balance sheet as at 31st March 2019 and the Profit and loss account for the period beginning from 01/04/2018 to ending on 31/03/2019 attached herewith, of INDIAN HUM PIPE & PRE-CAST BIRSHIN, BUDBUD, BURDWAN, WEST BENGAL, 713405 AAEE15892E.

2. We certify that the balance sheet and the Profit and loss account are in agreement with the books of account maintained at the head office at BIRSHIN, BUDBUD, BURDWAN, and 8 branches.

3. (a) We report the following observations/comments/discrepancies/inconsistencies, if any:  
**WE HAVE AUDITED THE BOOKS OF ACCOUNTS AS PER THE INFORMATION & DOCUMENTS PROVIDED TO US BY THE ASSESSEE.**

(b) Subject to above,-

(A) We have obtained all the information and explanations which, to the best of Our knowledge and belief, were necessary for the purposes of the audit.

(B) In Our opinion, proper books of account have been kept by the head office and branches of the assessee so far as appears from Our knowledge and belief, were necessary for the examination of the books.

(C) In Our opinion and to the best of Our information and according to the explanations given to Us the said accounts, read with notes thereon, if any, give a true and fair view:-  
(i) in the case of the balance sheet, of the state of the affairs of the assessee as at 31st March, 2019 and  
(ii) in the case of the Profit and loss account of the Profit of the assessee for the year ended on that date.

4. The statement of particulars required to be furnished under section 44AB is annexed herewith in Form No. 3CD.

5. In Our opinion and to the best of Our information and according to explanations given to Us the particulars given in the said Form No. 3CD and the Annexure thereto are true and correct subject to following observations/qualifications, if any:-

Sl No.	Qualification Type	Observations/Qualifications
	Place <b>BANKURA</b> Date <b>10/10/2019</b>	Name <b>ANKIT SALAMPURIA</b> Membership Number <b>313013</b> FRN (Firm Registration Number) <b>328537E</b> Address <b>373, VEER SAVARKAR SARANI, RANIGANJ MORE, BANKURA, WEST BENGAL, 722101</b>

  
  
 10/10/2019

FORM NO. 3CB  
[See rule 6G(1)(b)]  
Audit report under section 44AB of the Income-tax Act, 1961 in the case of a person referred to in clause (b) of sub-rule (1) of rule 6G

1. We have examined the balance sheet as at 31st March 2020 and the Profit and loss account for the period beginning from 01/04/2019 to ending on 31/03/2020 attached herewith, of INDIAN HUM PIPE & PRE-CAST BIRSHIN, BUDBUD, BURDWAN, WEST BENGAL, 713155 AAEE15892E.

2. We certify that the balance sheet and the Profit and loss account are in agreement with the books of account maintained at the head office at BIRSHIN, BUDBUD, BURDWAN, 713155, WEST BENGAL, and 8 branches.

3. (a) We report the following observations/comments/discrepancies/inconsistencies, if any:  
**WE HAVE AUDITED THE BOOKS OF ACCOUNTS AS PER THE INFORMATION & DOCUMENTS PROVIDED TO US BY THE ASSESSEE.**

(b) Subject to above,-

(A) We have obtained all the information and explanations which, to the best of Our knowledge and belief, were necessary for the purposes of the audit.

(B) In Our opinion, proper books of account have been kept by the head office and branches of the assessee so far as appears from Our knowledge and belief, were necessary for the examination of the books.

(C) In Our opinion and to the best of Our information and according to the explanations given to Us the said accounts, read with notes thereon, if any, give a true and fair view:-  
(i) in the case of the balance sheet, of the state of the affairs of the assessee as at 31st March, 2020 and  
(ii) in the case of the Profit and loss account of the Profit of the assessee for the year ended on that date.

4. The statement of particulars required to be furnished under section 44AB is annexed herewith in Form No. 3CD.

5. In Our opinion and to the best of Our information and according to explanations given to Us the particulars given in the said Form No. 3CD and the Annexure thereto are true and correct subject to following observations/qualifications, if any:-

Sl No.	Qualification Type	Observations/Qualifications
1	Valuation of closing stock is not possible.	QUANTITATIVE STOCK NOT PROVIDED. VALUE TAKEN AS CERTIFIED BY THE ASSESSEE.
1	Others.	IT IS NOT POSSIBLE FOR US TO VERIFY WHETHER THE PAYMENT IN EXCESS OF RS 10,000 HAVE BEEN MADE OTHERWISE THAN BY ACCOUNT PAYEE CHEQUE OR BANK DRAFTS. HOWEVER THE ASSESSEE CERTIFIED THAT THE PAYMENT EXCEEDING RS 10,000 IS MADE BY ACCOUNT PAYEE CHEQUE OR BANK DRAFTS.

Place <b>BANKURA</b> Date <b>10/12/2020</b>	Name <b>ANKIT SALAMPURIA</b> Membership Number <b>313013</b> FRN (Firm Registration Number) <b>328537E</b> Address <b>373, VEER SAVARKAR SARANI, RANIGANJ MORE, BANKURA, WEST BENGAL, 722101</b>
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 10/12/2020

# General Documents

भारत सरकार  
Govt. of India  
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

उद्योग आधार  
Udyog Aadhaar

Type of Enterprise	Micro	Small	Medium
Manufacturing	A	B	C
Services	D	E	F
UJAN	WB03B0000123		

**Udyog Aadhaar Memorandum**

1. Aadhaar Number: /9949329399  
 2. Name of Entrepreneur: BHIM DAS BOSE  
 3. Social Category: GENERAL  
 4. Name of Enterprise: INDIAN HUME PIPE AND PRICAST  
 5. Type of Organization: PARTNERSHIP  
 6. Postal Address: VILLAGE BHIRSN POST BUDDUB PS BUDDUB BLOCK GALS I DIST BURDWAN  
 7. Date of commencement: 09/12/2014  
 8. Previous Registration details-if any: EM-1 : 190091201437  
 9. Bank Details: IFS Code: CNR90004081, Bank Account: 4081201000037  
 10. Major Activity: MANUFACTURING  
 11. National Industry Classification Code: MANUFACTURE OF HUME PIPES AND OTHER PREFABRICATED STRUCTURAL COMPONENTS OF CEMENT AND/OR CONCRETE FOR BUILDING OR CIVIL ENGINEERING  
 12. Persons employed: 8  
 13. Investment (Plant & Machinery/ Equipment etc.): 48(One, In Lakh)  
 14. District Industry Centre: BARDHAMAN

1 hereby declare that information given above is true to the best of my knowledge. Any information, that may be required to be verified, shall be provided immediately before the concerned authority.

भारत सरकार  
Govt. of India  
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES

उद्योग आधार  
Udyog Aadhaar

Type of Enterprise	Micro	Small	Medium
Manufacturing	A	B	C
Services	D	E	F
UJAN	WB03B0000123		

**Udyog Aadhaar Acknowledgement**

Udyog Aadhaar Number: WB03B0000123  
 Name of Enterprise: INDIAN HUME PIPE AND PRICAST  
 Postal Address: VILLAGE BHIRSN POST BUDDUB PS BUDDUB BLOCK GALS I DIST BURDWAN  
 District: BARDHAMAN, State: WEST BENGAL, PIN: 713403  
 Mobile No: 9635530036, Email: indianhumpipe1966@gmail.com  
 Date of commencement: 09/12/2014  
 Previous Registration details-if any: EM-1 : 190091201437  
 Acknowledgement Date of Filing: 16/12/2015, Date of Printing: 16/12/2015

Disclaimer: This is computer generated statement, no signature required.  
 Printed from udyogaadhaar.gov.in

भारत सरकार  
Government of India  
And  
Government of West Bengal  
Form GST REG-25

**Certificate of Provisional Registration**

1. GSTIN	19AAEF1892E1Z3
2. PAN	AAEF1892E
3. Legal Name	INDIAN HUME PIPE AND PRICAST
4. Trade Name	INDIAN HUME PIPE AND PRICAST
5. Registration Details under Existing Law	
	Act Registration Number
(a) TIN under Value Added Tax	19809102060
(b) Central Sales Tax Registration Number	19809102060
Date	28/06/2017

This is a Certificate of Provisional Registration issued under the provisions of the Act.



West Bengal Pollution Control Board  
 Certificate for "Consent to Operate"

No. 492 / 2017 / Consent to Operate  
 Date: 28/06/2017

**C.O.O. GREEN**

The West Bengal Pollution Control Board hereby grants its "Consent to Operate" under section 25-B of the Environment Protection Act, 1986 and the Rules made thereunder to M/s. Indian Hume Pipe and Pricast, for the manufacture of Hume Pipes and Pricast, at the premises situated at Village Buddub, Post Bhirsna, Block Galsi, District Burdwan, West Bengal.

Conditions:

- The Applicant shall be responsible for the quantity and quality of treated effluent and process effluents, which shall be discharged into the receiving water body.
- The Applicant shall maintain the quality of liquid effluent and process effluents, which shall be discharged into the receiving water body, as specified in the consent to operate.
- The Applicant shall install and maintain the necessary pollution control equipment at the premises of the factory.
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For and on behalf of the West Bengal Pollution Control Board  
 Director  
 West Bengal Pollution Control Board

FOI No. 5152

**GALSI PANCHAYAT SAMITY  
 BUDDUB, BURDWAN**

FORM - 34  
 FORM FOR LICENCE FOR CARRYING ON OFFENSIVE OR DANGEROUS TRADES  
 Licence for carrying on a trade or business declared by this Government as offensive or dangerous by notification no. 4236/P.O.111-100-306/04 dt. 21.12.2004

License No: 163/15/30/2012  
 Year: 2012

The Galsi Panchayat Samity has granted "Licence" to M/s. Indian Hume Pipe and Pricast, for the manufacture of Hume Pipes and Pricast, at the premises situated at Village Buddub, Post Bhirsna, Block Galsi, District Burdwan, West Bengal.

Conditions:

- The Applicant shall be responsible for the quantity and quality of treated effluent and process effluents, which shall be discharged into the receiving water body.
- The Applicant shall maintain the quality of liquid effluent and process effluents, which shall be discharged into the receiving water body, as specified in the consent to operate.
- The Applicant shall install and maintain the necessary pollution control equipment at the premises of the factory.
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For and on behalf of the Galsi Panchayat Samity  
 Chairman  
 Galsi Panchayat Samity



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण  
(सड़क परिवहन और राजमार्ग मंत्रालय)  
**NATIONAL HIGHWAYS AUTHORITY OF INDIA**  
(MINISTRY OF ROAD TRANSPORT AND HIGHWAYS)

परियोजना निदेशक का कार्यालय, परियोजना कार्यालयन इकाई  
Office of the Project Director, Project Implementation Unit  
एन एच ए आई कॉम्प्लेक्स, सेक्टर-२(टी), बिधाननगर  
NHA Complex, Sector-2(A), Bidhannagar  
दुर्गापुर-७१३२१२, Durgapur-713212

दुरभाष / Phone No. : (0343) 253 5766  
253 4815  
फैक्स नं० / Fax No. : (0343) 253 4676  
ई-मेल / E-mail : dur@nhai.org  
nhaiuidgp@yahoo.com

Ref No - 13021/1/2001/PIU(DUP) 6/11

Date - 21/09/2012

To,

**Sh. Bhimdas Bose**  
M/s. Indian Hume Pipe & Pri-Cast  
R/D - 29 Market Street,  
Sector - 2B, ADDA Township,  
Durgapur - 12

Sub:- Proposal for grant of NOC for use of National Highway land for construction of approach/access road to the private property of M/s. Indian Hume Pipe & Pri-Cast abutting Left Hand Side (LHS) of NH-2 at Km. 530.177.

- Ref - 1. NHA, RO, Kolkata letter No. NHA/RO-KOL/001/11(37)/6091 dated 17/09/2012.  
2. Ministry letter No. RW/KOL/PP/NH-2/Ch. 530.177/03/2012-13 dated 05/09/2012.  
3. Ministry letter No. RW/NH/12017/60/2012/WB/P-3 dated 09/08/2012.

Sir,

With reference to above letters, access permission for approach road to your property has been technically approved by the Competent Authority at Km. 530.177 (LHS) of NH-2. You are therefore requested to take appropriate measures in terms of the Ministry's letters, technically approved drawing and License Deed.

Yours faithfully

(Krishna Murari)  
Project Director

- Encl - 1. NHA RO, Kolkata and Ministry letters as mentioned above.  
2. Technically approved Drawing.  
3. Signed License Deed.

Copy for Kind information to :-

1. The Chief General Manager (Tech), NHA, RO, Kolkata, for kind information.
2. M/S. Mapex Infrastructure Pvt. Ltd., Kolkata for kind information.
3. M/s. MSV International Inc., Burdwan for kind information.

**TERMS & CONDITIONS OF LICENCE FOR CARRYING ON OFFENSIVE OR DANGEROUS TRADES :**

- The Place may be inspected at any reasonable time by the District Magistrate, the Sub-Divisional Officer of any other officer or Panchayat functionary competent to hold the same.
- The Premises shall not cause or shall be maintained in a manner so as not to cause injury, danger, annoyance or offence to the scene or sight, smell or hearing of persons residing in the neighbourhood.
- The licence only relates to such trade/business as is specified in it.
- There shall be satisfactory drainage arrangement to prevent nuisance in place and its neighbourhood.
- The licence is liable to be cancelled in the event of contravention of any of these conditions.

Renewed & valid upto 31-12-2020  
fee for Licence Rs. 10,000/- Rupees  
Ten Thousand only

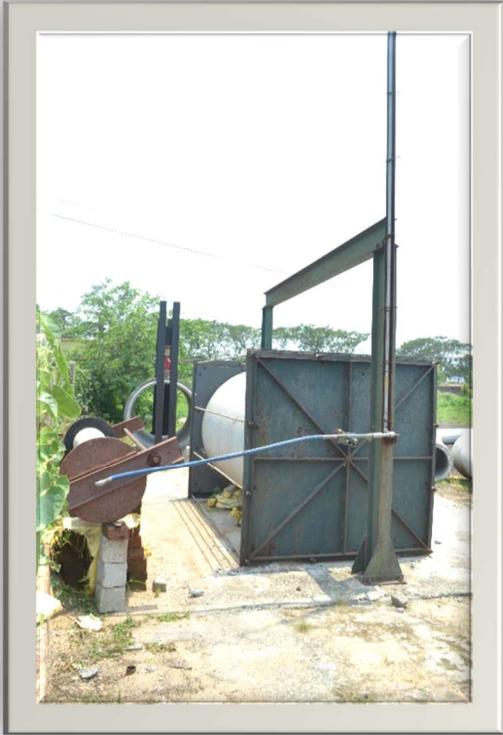
Executive Officer  
Galsi-4 Panch. Samity



# Photo Gallery









### Water Ways of the Vented Causeway over River Gandheswari at Satighat in the District of Bankura



Photo: Susamoy

Bridge Constructed by P.W.D. Bankura Division.  
 Estimator - Mr. Vivekananda Lohar  
 Agency - Mackintosh Burn Ltd.  
 Pipe Supplied from those S.S.I. Units:  
 1) Bankura Agri Engineering Works, Nutanchati(Rail gate), Kenduadihi Bankura.  
 2) M/s Bose Construction, Sadhurdanga, Bankura.  
 3) Vivekananda Industry, Patakola, Jagaddalla, Bankura.

Bridge Length	- 157 mtr.	Pipe Size -	1200 m.m. dia. x 2.5 mtr. length
Bridge wide	- 7 mtr.		R.C.C. Spun Pipe(thickness 120 m.m.)
Vent Quantity	- 100		of Class N.P. 3 of I.S.- Specification 458 - 2003.
Capacity of Load	- 70 TR		