

CERTIFICATE No.: F530101/KOL/C009038

SGS India Private Limited,
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SGS

Certificate of Capacity & Capability Assessment

REF: IN/GAL/IND/20050253-1

DATE: Kolkata, June 15, 2005

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At the request of M/S KEJRIWAL CASTINGS, KOLKATA, INDIA, we carried out factory assessment of their Unit I & III at Howrah, West Bengal, India on 06th June 2005, and we report as under :-

Persons interviewed : Mr. Sandip Kejriwal – Director
Mr. Sanjay Kejriwal – Director
Mr. Rajeev Kejriwal – Chief Executive
Mr. Ramesh Kejriwal – Works Manager
Mr. A.K. Ghosh – Foundry Manager
Mr. A.K. Mahapatra – Foundry Engineer
Mr. Sunil. Dutta – Quality Control Engineer
Mr. Utpal Das – Chemist / Laboratory Incharge

Date of Interview/Survey : 06-06-2005.

1. COMPANY INFORMATION :

1.1 Company Title : M/s. Kejriwal Castings.

1.2. Address -

Registered Office : 33A, Chowringhee Road,
11th Floor, Suite No:11
Kolkata-700 071, India

Works :

Unit-I
P-200, Benaras Road,
Belgachia, Howrah, India

Unit-III
NH-6, Chamrail, Howrah, India

1.3. Founder :

The company is a registered partnership firm, represented by -
Mr. Sandip Kejriwal,
Mr. Sanjay Kejriwal.

And founded in the year 1991 (Unit-I) & 2004 (Unit-III) and registered as small scale industrial unit with Directorate of Cottage & Small Scale Industries, Govt. Registration No. 21/09/15205/ PWT/SSI dt. 06-06-1994



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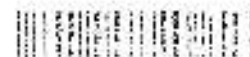
1.4. Range of Products & Category. : Product category is to be considered as Mechanical. Various types of Cast Iron & Ductile Iron Valves, Fittings & Pipes are manufactured,

	<u>Item</u>	<u>Indian Standard</u>	<u>International Standard</u>	<u>Size</u>
1.	Cast Iron Flanged Pipe	IS-7181 IS-1537 IS-1536	BS-4622	50 mm to 1600 mm
2.	Cast Iron Fittings & Specials	IS-1538 IS-13382 IS-5531	BS-4622	50 mm to 1600 mm
3.	Ductile Iron Flanged Pipes	IS-8329	ISO-2531 BS-EN-545	50 mm to 1600 mm
4.	Ductile Iron Fittings & Specials	IS-9523	ISO-2531 BS-EN-545	50 mm to 1600 mm
5.	Cast Iron/ Ductile Iron Sluice Valve/ Gate Valve	IS-14846	BS-5163	50 mm to 1600 mm
6.	Cast Iron/ Ductile Iron Non-Return / Reflex Valve	IS-5312	BS-5153	50 mm to 1600 mm
7.	Cast Iron/ Ductile Iron Butterfly Valve	IS-13095	BS-5155	50 mm to 1600 mm

1.5 Certificate

: Kejriwal Castings is certified by Bureau of Indian Standards under certification mark as under:

<u>Sr.No.</u>	<u>Licence No.</u>	<u>IS Code</u>	<u>Item</u>
1	CM/L- 5197373	9523	D.I.Fittings
2	CM/L - 5200538	14846	C.I.Sluice Valve
3	CM/L- 5199983	5312	C.I.Non Return Valve
4	CM/L 5120237	1538	C.I.Fittings
5	CM/L 5159971	13382	C.I.Mechanical Joints
6	CM/L 5143754	7181	C.I Double flanged pipe
7	CM/L - 5158080	1537	C.I.Double flanged pipe
8	CM/L - 5153454	1536	C.I.Double flanged pipe





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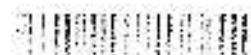
1.6 Assets : Net fixed assets : Rs. 87.00 Lac.
 Current Assets : Rs. 388.84 Lac.
 Current Liability : Rs. 158.97 Lac.
 (Based on audited accounts for the year ended 31-03-2004)

1.7. Bankers : Andhra Bank
 Munshi Bazar
 Kolkata – 700015

1.8 Key Persons : Mr. Sandip Kejriwal – Director
 Mr. Sanjay Kejriwal – Director
 Mr. Rajeev Kejriwal - Chief Executive
 Mr. Ramesh Kejriwal – Works Manager
 Mr. A.K. Ghosh – Foundry Manager
 Mr. A.K. Mahapatra – Foundry Engineer
 Mr. Sunil Dutta – Quality Control Engineer
 Mr. Utpal Das – Chemist./ Laboratory Incharge

1.9 Annual Turnover : Rs. 254.00 Lac (Year 2002-2003) 0.590 Million USD
 Rs. 416.82 Lac (Year 2003-2004) 0.969 Million USD
 Rs. 883.65 Lac (Year 2004-2005) 2.055 Million USD

1.10. Major Customers : Vikram Sarabhai Space Centre, Sriharikota
 Satish Dhawan Space Centre, Shar
 P.H.E.Dte, Shilong, Meghalaya
 P.H.E.Dte, Agartala, Tripura
 P.H.E.Dte, Govt. of West Bengal
 Surat Municipal Corporation, Surat, Gujrat
 Karnataka Urban Water Supply & Drainage Board,
 Bangalore
 Gammon India Limited, Mumbai
 Hindustan Orr Oliver Ltd., Mumbai
 Bokaro Steel Plant, Bokaro
 Damodar Valley Corporation, Durgapur, West Bengal
 Kirloskar Brothers Limited, Pune
 Otto India Limited, Kolkata
 VA Tech Wabag Ltd., Chennai/Delhi/Kolkata
 Ondea Degreement Ltd., Gurgaon/Bangalore/Nagpur
 SSES Ltd., Chennai
 Galiboi Ltd., Chennai/Mumbai
 Dodsai Ltd., Gurgaon





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Electrosteel Castings Ltd., Kolkata/Bangalore/Nagpur/Chennai
Larsen & Toubro Ltd., Kolkata/Chennai/Goa/Mumbai
Hindustan Newsprint Ltd.
Hindustan Steelworks Construction Ltd.
Ion Exchange Ltd., Mumbai
Indian Sugar & General Engineering Corporation, Delhi
Triveni Engineering Industries Ltd., Delhi
Krupp Industries Ltd., Pune
National Heavy Engineering Corporation Ltd., Pune
Simplex Concrete Piles Ltd., Kolkata
Walchandnagar Industries Ltd., Pune
Western Coalfields Ltd., Nagpur
IVRCL Projects & Infrastructures Ltd., Jaipur
Nagarjuna Construction Co., Hyderabad
Shapoorji Pallonji & Co. Ltd., Pune
GSJEnvo Ltd., Delhi/Nashik
SMC Infrastructures Ltd.
Tata Robins Fraser Ltd., Jamshedpur
Aridland Development Trading Co. LLC, Abudhabi,UAE
Camtech Manufacturing Co. LLC, Dubai,UAE
Erad International Co. LLC,Dubai,UAE

2. Office information

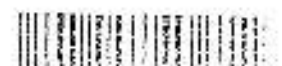
2.1. Location of Office : Registered Office:

33A, Chowringhee Road
11th Floor, Suite No: 11
Kolkata – 700071, India

2.2 General Management : The factory is administered by -

Mr.Sanjay Kejriwal – Director
Mr Ramesh Kejriwal – Works Manager
Mr.A.K.Ghosh – Foundry Manager
Mr.A.K.Mahapatra – Foundry Engineer
Mr.Sunil Dutta – Quality Control Engineer
Mr Utpal Das – Chemist/ Laboratory Incharge

2.3 Planning : During visit, it was noted that no separate planning department exists in the shop. The entire planning operations are being controlled from their registered office under direct supervision of Mr. Sandip Kejriwal and the implementation of the same is under the control of Mr. Sanjay Kejriwal.





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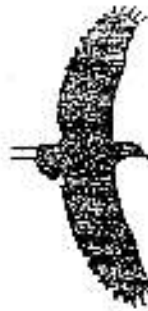
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- 2.4. Purchase : The raw material is purchased along with manufacturers' test certificates and random check of raw materials carried out in in-house laboratory and occasionally sent to Govt. approved laboratory for cross verification
3. List of Order Handled
- 3.1 Comment on the Performance. : The company has supplied various type/sizes of Cast Iron and Ductile Iron Valves, Fittings & Pipes to various State Govt./Govt./Private Sector organizations across the country and overseas customers in U.A.E & IRAQ. So far they have not received any adverse report from suppliers.
- 3.2 Orders in hand : The company is regularly supplying the valves, fittings & pipes to above mentioned clients and orders are executed continuously and effectively. At present, they have 750 MT (approx.) orders in hand against their monthly production planning of 250 MT (approx.)
4. Staff Strength : Administrative - 20
Technical - 12
Skilled - 60
Unskilled - 150
- 4.1. Union Affiliation : There is no trade union in the company.
- 4.2. Past Records of Strike : There is no labour problem since starting of production as confirmed by management.
5. Quality Standards :
- 5.1. Quality System : The company (Unit I & III) has implemented quality management system in line with requirements of BS EN ISO-9001/2000 and certified by BSI management system under Certificate No. FM 81232.
- 5.2. Testing Facility : During survey, it was noted that adequate testing facilities for incoming raw materials as well as finished product is available in the in-house laboratory.

The following test facilities are available:

- 1) Chemical test (Ferrous & Non ferrous items).
- 2) Physical test (UTS, % Elongation, YFS)
- 3) Hydrostatic Pressure Test.
- 4) Pneumatic Pressure Test.
- 5) Shore Hardness test.



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- 6) Dye Penetration test.
- 7) Microstructure.

5.3. Specification available. : Necessary Indian Standard Specifications/British Standard Specifications/ International Standard Specification are available.
Customer approved Quality Assurance Plan of respective clients are also available.

5.4. Past Quality Complaints. : On verification, it was observed that the same are documented and attended to satisfy the clients.

6. Factory Equipments :

The following machinery/equipments are there in the factory:-

<u>Unit-I</u>			<u>Unit-III</u>			
P – 200 Benaras Road, Howrah.			NH – 6 Chamrail, Howrah			
1.	Lathe Machine - 16"	1 No.	1.	Vaccum Impregnation Machine	1 No.	
2.	Shaper Machine – 30"	1 No.	2.	Oil Fired Rotary Melting Furnace	1 No.	
3.	Radial Drill Machine – 1"	1 No.	3.	Cupola Furnace	1 No.	
4.	Welding Set & DVC Check	1 No.	4.	Sand Muller – 130 Kg. Capacity	1 No.	
5.	Chuck Lathe Machine	1 No.	5.	M.S. Blower	2 Nos.	
6.	Lathe Machine - 8"	1 No.	6.	Siemens Make Motor 30HP & 25HP	2 Nos.	
7.	Lathe Machine – 16"	1 No.	7.	Testing Machine	1 No.	
8.	Lathe Machine – 4"	1 No.	8.	125 KVA Generator (Kirloskar Make)	1 No.	
9.	Radial Drill	3 Nos.		50 KVA (Kirloskar make)	1 No.	
10.	Fixed Drill	1 No.	9.	5 MT capacity Crane	1 No.	
11.	Super Power Alternator	1 No.	10.	350 Kg. Capacity Hook Type Teapot Ladle.	1 No.	
12.	Air Compressor with Motor & Spray Gun	1 No.	11.	Ladle (2 intr. Ladle & 2 Mtr. Ladle Teapot)	1 No.	
	Crane	5 Ton	3 Nos.	12.	Carbon Silicon Analyser Machines with Accessories.	1 No.
				13.	Silicious Ramming Mass	1 No.
				14.	VM 12 BCF Pump	1 No.
				15.	MSID Fan with SS 316 Impeller	1 No.
				16.	EEE Make Sand Mixer Muller	1 No.
				17.	KSB Make Pump	1 No.
				18.	Mould hardness Tester & rapid Moisture Tester Machine	1 No.
				19.	Chemicaly block	1 No.
				20.	Trolley	3 No.
				21.	Testing Machine	1 No.
				22.	Geared Ladle	1 No.





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The management confirmed that the company is capable of producing various type/sizes of valves, pipes & fittings approximately 1000 M/T per month.

The machinery & Equipments are found in running condition.

- 7. Fire & Safety : The management provides necessary facilities to maintain safety and safe working environments in the company.
- 8. Godown Facility : The company (Unit-I & Unit-III) has adequate space and facilities for storage of incoming materials as well as finished product.
- 9. Power Available : Unit-I - 40 KW Power
Supply from WBSEB (West Bengal State Electricity Board)
Additional Power Arrangement : 20KVA Transformer - 2 Nos.

Unit-III - 84 KW Power
Supply from WBSEB (West Bengal State Electricity Board)
Additional Power Arrangement : 125KVA Transformer - 1 No.
50KVA Transformer - 1 No.
20KVA Transformer - 2 Nos.
- 10. Transport : Own Transport - No facility.
Public Transport - Use hired truck/vehicle as and when required for various destination)
- Conclusion : Based on our survey and various discussion had with the officials, we do here by certify that the company has the capability of and capacity to manufacture and test the products as per the requirement of relevant standards as detailed under serial no. 1.4



The information stated in this report (or Certificate) is derived from the results of inspection or testing procedures carried out in accordance with the instructions of our clients, and for our assessment of such results on the basis of any technical standards, trade custom or practice, or other circumstances which should in our professional opinion be taken into account.

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