

Resume

SUDIP CHAKRABORTI

1/1,A, New Tollygung, Purba Putiary
, Pin Code : 700 093,

Kolkata , West Bengal, India

PERSONAL INFORMATION

FATHER : Late Madhu Sudan

Chakraborti

DATE OF BIRTH : 14.01.1971

NATIONALITY : Indian

MARITAL STATUS : Married



AREA OF EXPERIENCE:

Fluid Engineering - Hydraulics, Pneumatics, Lubrication, and other Auxiliary and Utility services
Hydraulic Cylinders – For Furnace, Caster, Rolling Mill and other Industrial Application.
Manufacturing Engineering – Hydraulic System, Manifold Block, Valve Stands, Hydraulic Cylinder
Piping Engineering – Onboard and Inter-connecting Piping
Heat Tracing – Basic and Detail Design of EHT_Electric Heat Tracing and SHT. Steam Heat Tracing of Process Pipes, Tank, Vessel, Pump and others
Special Machines – Forging Manipulator, Slag Skimming Machine, Box Charging Machine, Industrial Robot for Forging Plant, Etc.

AREA OF SKILLS ON PLANT & PROJECT EXPERTIZED

Blast Furnace, Steel Melting Shop, Arc Furnaces, Ladle Furnace, Re-Heating Furnaces, CCM-Continuous Casting Machine (Bloom, Billet and Slab), Hot and Cold Rolling Mill, Process Lines, Etc.

TECHNOLOGYCAL EXPERIENCE:

Experienced in Standard and Critical Application Hydraulic Cylinder and Manifold Technology with state of the art in 3D Inventor environment, as follows.

1. Hydraulic Cylinder Assemble and Parts Details
2. Multi Level Integrated Manifolds.
3. Complicated Cartridge Technology
4. Designing with iParts, iMates and iFeatures.

WORKING EXPERIENCE: (32 Years)

Hot Strip Mill, Plate Mill, Metal Coating Line, Colour Coating Line, Hot Deep Galvanizing Line, Continuous Slab Caster, Bloom Caster, and also very much conversant with Indian and International standards like ASTM, ANSI, DIN, ISO, SMS (SN), VAI (H), Danieli. I can also take responsibility for making complicated Machine Attached Piping, Interconnecting Piping, Piping Layouts, P&ID for Hydraulics, Pneumatics, Lubrication, Water and other Auxiliary & utility services.

Experienced of handling basic and detail engineering of Hydraulic and other Fluid Systems for following Steel Plant project

I have also experienced in designing of hydraulic system assembly, pneumatic system assembly, and oil lubrication system assembly. I can take various responsibilities like designing, detailing, bill of material preparation, for hydraulic power unit, hydraulic cylinders, hydraulic rotary joint and others fluid related other special components.

QUALIFICATION:

Bachelor in Science (BSc.), year of 1992 from Calcutta University

COMPUTING AND COMMUNICATION SKILLS:

I have good working knowledge of the following computer software environment

OPERATING SOFTWARE: Windows 10/7

OFFICE TOOLS SOFTWARE: Microsoft Excel 2007, Microsoft Word 2007, Microsoft Power Point 2007, Microsoft

Access 2007, Adobe Page Maker 7.0

2D DESIGN SOFTWARE: AutoCAD 2013

3D DESIGN SOFTWARE: Inventor Professional 2013, AutoCAD-Mechanical 2013, AutoCAD Solid Modeling.

SOFTWARE DEVELOPMENT: Visual Basic 6.0,

WORK AND HISTORY:

YEAR 1993 – 1997 : I worked as a mechanical draftsman/Assy. Designer in the company STATIC HYDRAULIC PVT.

LTD, Kolkata, I was responsible for designing Hydraulic Cylinders, Hydraulic System, Manifold Blocks

YEAR 1997– 1998 : I worked with the company HYDROCRAFT ENGINEERS, Kolkata as a contract designer of Fluid

Power and Automation. Some important projects are

1.1 Designing of various Hydraulic Cylinders for Specially Hydraulic Press, Rock Breaker, Wagon Tippler, and other railway applications

1.2 Online flushing and pickling projects at continues casting plant at BOKARO STEEL PLANT, BOKARO for LARSEN

AND TOUBRO LIMITED, KOLKATA in the year 1997-1998

1.3 Modernization of piping project for Continues slab caster at TISCO, JAMSHEDPUR for BOSCH REXROTH, KOLKATA.

1.4 Modernization of piping project for Blast furnace at TATA METALICS LIMITED, KHARAGPUR for DANTAL

HYDRAULICS, KOLKATA

YEAR 1998– 2004 : I worked (1998-2004)with the company CRAWLER TECHNIC (I) PVT. LTD. Kolkata as a contract

assistant project designer for following important projects.

1.1 Hydraulic Test setup of the hydraulic components for marine ship and submarine for the NAVAL DOCKWERD,

MUMBAI

1.2 Motorized Mount Cover and actuating Hydraulic Cylinders of Missile Tracking Camera for the INTERGRATED TEST RANGE (DRDO),

CHANDIPUR

1.3 Aviation Turbine Fuel Jet Washing Rig for the HINDUSTAN AERONATICS LIMITED (HAL), KORAPUT

1.4 Reconditioning project of the pneumatic and hydraulic system for mud-gun and tap-hole drill machine along with mud-gun Hydraulic Cylinders,

of blast furnace for the DURGAPUR STEEL PLANT, DURGAPUR.

1.5 Hydraulic system and hydraulic motor of the Slag Granulation plant for the DURGAPUR STEEL PLANT,DURGAPUR.

YEAR 2004-2007– : As a freelancer, I have provided engineering services to THERMON Manufacturing Company Asia Pacific, SBU. , CRAWLER

TECHNIC (I) PVT. LTD, Kolkata, HYDROCRAFT ENGINEERS Kolkata and ASCON, Kolkata for following important projects

1.1 Planning and Engineering detail for Hydraulic system and hydraulic motor of the Slag Granulation plant for the

BOKARO STEEL PLANT, BOKARO

1.2 Hydraulic Piping Detail and BOM preparation for the Bloom Caster Project of DURGAPUR STEEL PLANT,

DURGAPUR, for ASCON, Kolkata of GA DANIELI, Kolkata.

1.3 Detail Engineering for Hydraulic System along with Hydraulic Cylinders of Edge Guide Control System at DCR Mill BOKARO STEEL PLANT,
BOKARO

1.4 Detail Engineering of 150 Ton Dredge System for INDIAN REAR EARTH LIMITED, Bharampur, Orissa

1.5 Detail Engineering for Revamping Hydraulic Systems and plant piping of Paper Plant -3 at EMAMI PAPER, Chadipur,

Orissa for Hydrocraft Engineers, Kolkata

YEAR 2007-2008: I was working at “**SIEMENS** VAI MT PVT. LTD.” as a CAD Engineer (Piping), some of the remarkable projects

1.1 Metal Coating Line for TATA BLUESCOPE LIMITED

1.2 Color Paint Line for TATA BLUESCOPE LIMITED

1.3 Hot Strip Mill modernizations for BOKARO STEEL PLANT

1.4 Pre-Project of Hot Strip Mill modernization for ROURKELA STEEL PLANT

YEAR 2008-2010: I was working at DANIELI India Limited

September 2008 – May 2010: I have worked as instructed by DANIELI **WEAN UNITED**, Italy for especially overseas projects as “Assistant Manager-

Fluid System-Engineering”. Some of the remarkable projects

1.1 Hot Strip Mill – MMK Atakas, Turkey

1.2 Titanium Plate Mill Modernization – RTI, USA

1.3 Side Trimming Shear for Plate Mill – SAIL, Bhilai Steel Plant

1.4 Laddle Arm-Lifting Cylinder Development for Continuous Casting Machine – GHS, Arab Emirates

1.5 Laddle Arm-Lifting Cylinder Development for Continuous Casting Machine – GUSA Nordesta S/A

1.6 Walking Beam Cylinder Development for Walking Hearth Furnace – SUEZ Steel Company, Egypt

May 2010 – March 2014: I provided my service to Hydraulic Systems/Piping Group as “Manager-

Engineering”. Some of the key projects I have

worked in

1.1 110 Tones LF, NINL

1.2 Bloom & Round Caster – SAIL Durgapur Steel Plant

1.3 Wire Rod Mill - BSP,

1.4 Plate Mill, SAIL, RSP

1.5 FTSR, Thin Slab Casting & Hot Strip Mill - NMDC

SPECIAL ON_JOB TRANING: I was deputed at DANIELI **WEAN UNITED**, Italy for special projects three months and two months at DANIELI Far East,

Thailand.

April 2014 – February 2015:: - Self-employed and as a freelancer, I was providing engineering services to various company.

March 2015-September 2015: I have been working as Dy. Manager – Works in DANGO & DINENTHAL, India, I am responsible for Design,

Engineering, Production, Quality Control of special machine, as Forging Manipulator, Slag Skimming Machine, Mud-Gun, Tap-Hole Drilling Machine of Blast Furnace, etc.

October 2015-July 2016: I have provided engineering and marketing support to Sideridraulic System Spa, for their Indian Operation and B.S. Engineering Equipments Pvt. Ltd, Kolkata

August 2016 – October 2022: Director of Sales and Marketing, Sunleo Hyman Technologies Private Limited, Kolkata

October 2022 - March 2023: AGM – Head of Hydraulics – OASPL, Kharagpur, Rashmi Metalliks Group, Hydraulics for all the integrated steel plants within Group, specifically, Coke Oven Battery plant, SMS – Steel Melting Shop, Rolling Mill, DRI Plant, CCM – Continuous Casting Machine etc.

April 2023 – February 2024 - Self Employed, Hydraulic Specialist, Expert, Freelancer, Consultant, Trainer

February 2024 – December 2024

AGM-Assistant General Manager– Business Development at VEKTRA ENGINEERING PRIVATE LIMITEDM Kolkata, for all critical Hydraulic Applications, Hydraulic Systems, Hydraulic Cylinders and Fluid Hydraulic Piping for Steel/Aluminium Mill/Plant Applications.

April 2025 Onward,

Hydraulic Construction Supervisor at Corume Consulting LLC-FZ, responsible for supervising of Hydraulics plant construction activity, at Integrated Steel Mill Project, Myingyan, Mayanmer.

FUTURE PLANS: To continue to be involved in Technology and Hydraulics Business Development.

CONTRACT ADDRESS:

1/1,A, New Tollygunge, Purba Putiary, Kolkata –700093, West Bengal, India, Phone + 91-33-24319092, Mobile +91-9433270463, +91-9830805811,E-Mail : sudipchakraborti2022@gmail.com

Danieli & C.
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E-mail: info@danieli.com

DANIELI

Contact



Since 1914

11th May 2010

Date

Your Ref.

Our Ref.

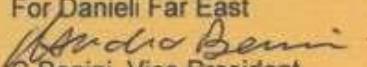
To whom it may concern

This is to certify that Mr. Sudip Chakraborti had invited by **Danieli Far East Co. Ltd.**, 64/210 Moo 4, Tumbol, Pluakdaeng, Amper, Pluakdaeng, Raying 21140, Thailand and joined with us from Danieli India Limited, Technopolis, Plot -4, Block BP, 5th Floor, Wing-B, Sector-V, Salt Lake, Kolkata 700091, India, as Assistant Manager – Fluid Engineering, From 20th October 2009 to 11th December 2009

In this time, he has contributed his best possible design and engineering support and helped to launched and developed Special Hydraulic Cylinder department for Danieli Far East, Thailand. As per application point of view, most of the hydraulic cylinders are very special and critical like

- 1.1 Walking Beam, Tundish car cylinders for Continuous Casting Machine for **GHC Integrated Steel Plant, UAE**
- 1.2 Laddle Turret Arm Lifting Cylinder for Continuous Casting Machine for **Gusa Nordeste S/A, Technic Park Ltd. Russia** and **Iran Alloy Steel Co, Iran**,
- 1.3 Cylinder for Coil Extractor, **ITSR Complex, MMK Atakas, Turkey**,
- 1.4 Electrode Arm Regulation Cylinder for **EAF & LF Complex, Iran Alloy Steel Co, Iran**
- 1.5 Hydraulic Cylinders for Section Mill, **GHC Integrated Steel Plant, UAE**
- 1.6 Hydraulic Cylinders for Hot Skin-Pass Mill, **Usinas Siderurgicas De Mines Gerais, SA**

From Danieli Far East, Thailand, we congratulate him for his excellent support and contribution to build up the entire DFE Cylinder Department and we wish him for his future success.

For Danieli Far East

C.Benini Vice President



SIEMENS VAI Metals Technologies Private Limited
Block - EP, Plot -Y5, Sector-V,
Salt Lake, Commercial Complex, Kolkata-700091, INDIA

26th September 2008

To whom it may concern

This is to certify that Mr. Sudip Chakraborty, has served **Siemens VAI Metals Technologies Pvt. Ltd., India** as a full-time employee in the role of a **CAD Engineer** in the Fluids Department of Rolling & Processing Division from **3rd December 07 to 26th September '08**.

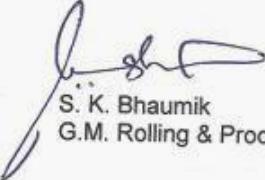
As a CAD Engineer, he has contributed for the **Hot Strip Mill project at Bokaro Steel Plant**. His core responsibilities included supervision of piping erection & commissioning.

Mr. Chakraborty was also involved in the Detail Engineering (Piping) of Metal Coating Line & Colour Coating Line for the **Tata Bluescope Steel project** at Jamshedpur and worked for the fluids piping drawings of **SAIL Bokaro Projects (Electrolytic Cleaning Line, Hot Dip Galvanizing Line, Tandem Cold Mill & Pickling Line)**.

He has shown remarkable people handling ability, excellent communication skills and flexibility to meet deadlines.

As a part of our Siemens VAI family he had a cogent relationship with all colleagues and seniors. It was a pleasure to have him with us and we wish him the best for his future.

for, Siemens VAI MT Pvt. Ltd.


S. K. Bhaumik
G.M. Rolling & Processing

Postal address:
SIEMENS VAI Metals Technologies Private Limited
Block EP, Plot Y5, Sector V
Commercial Complex, Salt Lake
Kolkata - 700 091, INDIA
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E-mail: contactsvai.in@siemens.com
Internet: www.siemens-vai.com

REGD. OFFICE:
Block EP, Plot Y5, Sector V
Commercial Complex, Salt Lake
Kolkata - 700 091, INDIA

Danieli & C.
Officine Meccaniche SpA
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33042 Buttrio (Udine) Italy

Cap. Soc. Euro 81.000.000
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DANIELI

Contact



Since 1914

11th Date
May 2010

Your Ref.

Our Ref.

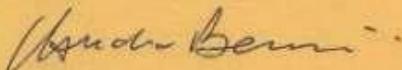
To whom it may concern

This is to certify that Mr. Sudip Chakraborti had invited by Danieli & C, Spa, via Nazionale, 41 33042, Buttrio, Undine, Italy and joined with from Danieli India Limited, Technopolis, Plot -4, Block BP, 5th Floor, Wing-B, Sector-V, Salt Lake, Kolkata 700091, India, as Assistant Manager – Fluid Engineering, From 18th October 2008 to 09th January 2009.

During this time, he has served design and engineering support, especially on Basic Engineering, Detail Engineering for Hydraulic Systems, Lubrication Systems, Air-Oil, and Grease Systems for Hot Strip Mill, MMK Atakas, Turkey, Titanium Plate Mill Modernization, RTI, USA, Double Side Trimming Shear for Plate Mill, SAIL, Bhilai Steel Plant, India, and some of other important projects.

From the whole Fluid Group of Danieli Wean United, Italy, we congratulate and wish him for his future success.

For Danieli Wean United



C. Benini
DWU Fluid Vice President



SIEMENS VAI Metals Technologies Private Limited
Block - EP, Plot -Y5, Sector-V,
Salt Lake, Commercial Complex, Kolkata-700091, INDIA

Date : July 28, 2008

Mr. Sudip Chakraborty,
CAD Engineer,
SVAI Metals Technologies Pvt. Ltd.,
Kolkata

Dear Mr. Chakraborty,

The management of SVAI MT India sincerely congratulates you and conveys its thanks for your excellent contribution for successful implementation of phase II revamping of the Finishing Stands of Bokaro Hot Strip Mill during the 20 days' capital repair shutdown of 2008.

We are happy to award you with a memento (Blazer) as a token of appreciation for your excellent performance during the highly demanding conditions at Bokaro HSM site during this shutdown period. Attached please find a coupon for this Blazer.

Wishing you all the success for your future projects,

Sincerely yours,

Ashoke Pan
Managing Director

Postal address:
SIEMENS VAI Metals Technologies Private Limited
Block EP, Plot Y5, Sector V
Commercial Complex, Salt Lake
Kolkata - 700 091, INDIA
Tel: +91 (33) 23194200
Fax: +91(33) 23194205/237
E-mail: contactsvai.in@siemens.com
Internet: www.siemens-vai.com

REGD. OFFICE:
Block EP, Plot Y5, Sector V
Commercial Complex, Salt Lake
Kolkata - 700 091, INDIA



Contact :

To the kind attention of :

**Danieli India Limited
Technopolis Building
5th Floor, Sector-V,
Salt Lake: 700091**

Fax :

Date :

Your Ref

Our Ref :

14-Mar-14

To Whom It May Concern

This is to certify that Mr.Sudip Chakraborti (Employee Code: MS351) has worked with Danieli India Limited from 27th September 2008 to 14th March 2014. He was working as Manager "Engineering-Hydraulics."

During his employment with us, we found him efficient, sincere, dedicated employee with professional attitude and obedient to his seniors. He is amiable in nature.

We wish him success for his future endeavors.

The certificate is issued at the request of Mr.Sudip Chakraborti and is to be used for all legitimate purposes.

Regards,

A handwritten signature in black ink, appearing to read "Indranil Mitra".

Indranil Mitra
DGM
HR-Dept
Danieli India Ltd

Danieli India Limited

Technopolis, 5th Floor, B-Wing, Plot No.-4, Block-BP,
Sector V, Salt Lake, Kolkata 700 091, West Bengal, India
Tele No.: (91) 33 3984 7777, Fax No.: (91) 33 3984 7501

June 30th, 2005



Calcutta office:
20P Ballygunge Terrace
Calcutta 700029
Tel: 2440-2620
Fax : 2440-1352
tanmay@cal.vsnl.net.in

TO WHOM IT MAY CONCERN

This is to certify that Mr. Sudip Chakraborti of 1/1A New Tollygunge , Kolkata 700093 has been providing engineering service to Thermon – Asia Pacific SBU for heat tracing projects out side of India under Asia Pacific region including China, Taiwan and Japan on case by case basis since Aug 2004 till date under my supervision :

The engineering services being provided by Mr. Sudip Chakraborti includes:

1. Auto CAD drafting for piping isometrics re-grouped and superimposed with heat tracing circuits.
2. Generation of final Line List after detail design & engineering using Thermon proprietary softwares for heat tracing designs including tubing bundles for instrument heat tracing.
3. GA drgs for pipe lines and instrument enclosures showing the instrument mountings as well as heater locations.
4. Power Point Slides for Technical presentations of Thermon heat tracing products & systems.

For Thermon Manufacturing Company

A handwritten signature in blue ink, appearing to read "Tanmay Sengupta".

Tanmay Sengupta
Business Development Manager
Asia Pacific SBU

THERMON . . . The Heat Tracing Specialists®

ISO 9001
REGISTERED

100 Thermon Dr. • PO Box 609 • San Marcos, TX 78667-0609
Phone: (512) 396-5801 • Facsimile: (512) 396-3627 • **1-800-820-HEAT**
www.thermon.com



CRAWLER TECHNIC (I) PVT. LTD.

171/2H, A. J. C. Bose Road
Kolkata - 700 014 (India)
Phone : (91) (33) 2284 3985/2284 6780
Telefax : (91) (33) 2284-2920
e-mail : technic@cal2.vsnl.net.in

31-Mar-2004

To Whom It May Concern

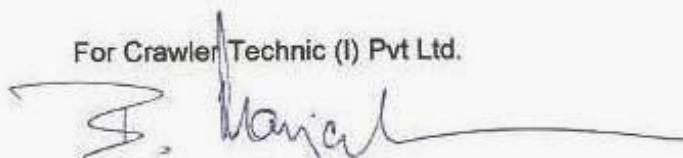
This is certify that **MR. SUDIP CHAKRABORTI** son of Mr. Madhu Sudan Chakraborti worked for our company as a Design Engineer handling design, detail engineering and procurement activities for our various projects in the filed of Fluid Power and Automation from 20.11.1998 to 31.3.2004.

While working for our company, he has gained valuable experience and developed very good technical expertise in related filed e.g. pneumatic & hydraulic systems and process automation besides other areas of general engineering. He has also acquired very good capabilities in Auto-CAD drafting and 3D modeling.

He has been very sincere and hard working in his work during his tenure with our company and bears a good moral character.

We wish him every success in his professional life.

For Crawler Technic (I) Pvt Ltd.


B. Nayak
Director





DANGO & DIENENTHAL
(India) Pvt. Ltd.

Date : 4th Nov.2015

TO WHOM IT MAY CONCERN

This is to certify that Mr. Sudip Chakraborti, Dy.Manager (Works) has worked in the company M/s.Dango & Dienenthal (I) Pvt. Ltd., with effect from 1st March 2015 to 7th Sept.2015 .

During his employment with us, we found him efficient, sincere, dedicated employee with professional attitude and obedient to his seniors.

We wish him success for his future endeavors.

The certificate is issued at the request of Mr.Sudip Chakraborti.

Dango & Dienenthal (I) Pvt.Ltd


R.Agrawal
Managing Director

DANGO & DIENENTHAL (India) Pvt. Ltd.

Works : Jalan Complex, Junglepur, Gate No. 1, Vill. Baniara, P.O. : Begri, P.S. : Domjur, Dist. : Howrah, Pin : 711 411, Phone : +91 33 3221 6569
Regd. Office : OM TOWER, 7th Floor, 32, Chowinghee Road, Kolkata - 700 071. Phone : +91 33 2217 1926/27, Fax : +91 33 2217 1540
E-mail : org@dds-in.com, Website : www.dds-in.com CIN NO -U52110WB1997PTC083861

Certificate of Participation

Product Training on Servo & Proportional Valves

Mr. Sudip Chakroborti

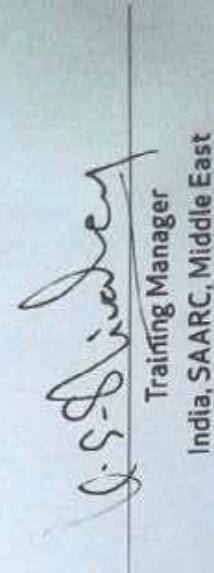
Danieli India - Kolkata

Has successfully completed the Product Training Program
on Servo and Proportional Valves used in the Steel Industry

MOOG



Sales Director
India, SAARC, Middle East



J. S. Dinesen

Training Manager
India, SAARC, Middle East