

Hosur Road, Bangalore - 560 099. India. Tel: +91-80-41658078 Fax: +91-80-41658997

E-Mail: info@sieco.in Web: www.siecoengineers.com

## COMPANY PROFILE

Sieco Engineers Private Limited is an ISO 9001:2008 TUV Nord certified, well established engineering company offering services from concept to commissioning for Process Plant Equipment on Turnkey basis for more than 30 years. Over the years, we have earned a very good track record and expertise in our field. With the collective efforts of our efficient team of proficient Engineers, highly skilled work force, dedicated staff we have the privilege of being the CHOSEN SUPPLIER because of which our professional customers favor us with repeated challenging orders.

We have total three units – Two in Bangalore (Karnataka) and One in Hosur (Tamil Nadu).

## Unit I

## #25,Bommasandra Industrial Area, Bangalore - 560099, KARNATAKA

This Unit has the facilities of Stainless Steel Process Equipment Fabrication unit with modern & high-tech automated welding facilities.

- In this unit, the Land of 45,000 Sq.ft is connected with 3500 sqf covered area, 99 HP power with a captive Power plant of 150 KVA.
- A separate area has been allocated for storing raw materials and finished goods.
- A 30 ton EOT Crane with 50 feet lift height and a 9 Ton Mobile Crane for handling heavy fabrication material & Equipment are available in this unit.

#### Unit II

## #125 B, Bommasandra Industrial Area, Bangalore - 560099, KARNATAKA

The same area of Unit 1, this modernized unit has the following facilities:-

Design & Project Office is fully equipped with latest design software and a team of qualified, rich experienced engineers, visiting consultants - capable of taking up challenging projects.

Shop Floor - Welding Automation

- High tech CNC and Conventional Machines
- Automated welding equipment manufacturing & testing facilities
- Assembly & trial of Industrial automation modules
- Demo Centre for trial of various welding process
- Demo with variety of SPM & combination of welding processes
- Special Purpose Machines manufacturing & assembly bay
- High tech CNC and Conventional Turning & Milling Machines
- Assembly and Testing facilities



- New Product Development
- Surface treatment and surface finishing facilities

#### **Unit III**

## 29/3, Anumepalli village, Bagapalli Road, Zuzuvadi, SIPCOT, Hosur-635 126

- Heavy Stainless Steel, Carbon Steel Process Equipment Fabrication
- Manufacturing of Vacuum Components, Vacuum Fittings, BPE Components & Fittings

Our specialty is **Quality workmanship with Prompt Supply**. We adhere to the strict norms and procedures. All materials are procured in compliance with International Standards. Conversion is done by our team of highly skilled workers and technicians.

Multi talented Engineers take care of shop floor activities. Internal Inspection is conducted for every work at different stages and also Third party Inspections as and when required. Quality Materials carrying Manufacturers' Test Certificate are used, which are again counter checked at local Labs. Hydro / pneumatic test is conducted for pressure and Radiographic test for weld joints. We comply with ASME, DIN, IS, BS & PED standards.

#### **VISION**

Develop into an internationally recognized centre of excellence for providing quality services in technical consultancy, design, engineering and supply of plant equipment and project implementation.

Facilitate growth of customers, associates and employees.

Provide appropriate and sustainable solutions to make customers business profitable. Guarantee product performance to Indian and International Standards.

## **MISSION**

- To deliver high quality product and services to customers at optimum cost and in time as per the project schedule.
- To meet or exceed the requirements of our customers in design, delivery and after sales support.

## **QUALITY POLICY**

To Design, Manufacture, Supply and Market engineering products, render Technical Services and Turnkey execution of projects in compliance with statutory and regulatory Requirements to the fullest satisfaction of the customer at a reasonable & competitive price by continually improving to establish competitive status and enhancing growth oriented profitability through employees' involvement.

#### MAJOR INDUSTRIES SERVED

#### **Process Equipment Manufacturing**

- Chemical / Fine chemicals, Pharmaceutical & Bio Tech Industries.
- Defense, Nuclear & Power plant industries.
- All Types of Resin, Paint, Coating, Agro-chemical Manufacturing Plant.
- Plants for Solvent Extraction, Food Processing, Lubrication, Wood, Plywood & Laminate industries.



#### **Welding Automation**

- Aerospace Industries, Aviation, Defense Sectors, Heavy Fabrication, Valves & Fittings Manufacturing, Nuclear components, Naval & Shipyards.
- Precision Components, Electrical Components, Bellow manufacturing, Instrumentation, Laboratories, Medical Equipment, Modular Piping.

## **MAIN ACTIVITIES**

- Turnkey Project Execution, Design, Fabrication & Supply of Process Equipments.
- Turnkey Project Execution, Design, Fabrication & Supply of Welding Automation Equipments.
- Engineering and Project Consultancy.
- On-Site fabrication and piping contractors.
- Erection & Commissioning.
- Specialized in High Tech CNC Machining.
- After Sales Service Support.
- Spares & Consumables supply

## **PRODUCT PROFILE - Process Equipments**

- Chemical Reactors
- Pressure Vessels
- Heat Exchangers
- Extractors
- Storage Tank
- Mixing / Blending Vessel / High Speed Disperser
- Distillation Columns
- Evaporator
- Bio-Reactor / Fermentor
- Grease Kettles
- Absorption Towers
- Dryers & Filters / Seperators

## **PRODUCT PROFILE - Welding Automation**

- Column & Boom Manipulator 3mtr x 3mtr to 7mtr x 7mtr
- Precision Column & Boom Manipulator (TIG & Plasma) upto 4mtr X 4mtr
- Conventional Rotators
- Self Aligned Rotators
- Head Stock Tail Stock Positioners
- Conventional 2 axis Positioners
- Precision Weld Lathe TIG, Plasma & MIG welding
- Hot Wire feeding systems for TIG & Plasma with our SPMs
- Custom built machines for specific job work
- Robot integration for TIG, MIG & Plasma welding



## **KEY PERSONNEL**



S. MOHANAM Chairman cum Managing Director Mobile: +91-9243110681 E-Mail: mohanam@sieco.in



SAKHU BAI C
Executive Director
(Finance & Admin)
Mobile: +91 9243424585
E-Mail: sakhu@sieco.in



MAHESH M Executive Director (Product Development) Mobile:+91 9886782854 E-Mail: mahesh@sieco.in



SAHANA BHAT Director - Technical Mobile: +91 9900024552 E-Mail: sahana@sieco.in



Kavitha M Director - Technical Mobile: +91 9632398182 E-Mail: sieco.kavitha@gmail.com



SD SINGH CEO - Projects and Design Mobile: +91 9900024553 E-Mail: projects@sieco.in

## PROJECT EXECUTION PROCEDURE AT SIECO

- Understanding Customer's requirements.
- Studying feasibility and feed back to the customer.
- Obtaining approval from Customer / go ahead communication.
- Detailed Project Planning & Schedule preparation.
- Detailed Designing and obtaining approval from customer / concerned agencies / authorities.
- QAP approval, firming up Inspection & testing procedure
- Manufacturing, Stage Inspection, Final inspection & Dispatch clearance.
- Transportation, Erection & Commissioning with full satisfaction.
- Trial run and handing over to the Customer.
- Maintenance support.

#### **FACILITIES**

- Heavy Fabrication facility (Cutting, Forming & welding).
- CNC & Conventional Milling and Turning facility.
- Automated Special Purpose Machines for Welding.
- Welding Trial, Testing & Training facility with wide range of Machines available inhouse.
- Process plant equipment manufacturing & Testing.
- EOT & Mobile Material Handling.



- Own Transportation from small to bigger equipments.
- Full capacity power backup.
- After sales support & servicing.

## IN-HOUSE FACILITY FOR DEMO & WELDING TRIALS

- Precision Colum & Boom 3mtr X 3mtr (All Servo axis) with State of Art Technology interface with latest features including vertical welding – Equipped with 350A Plasma welding, 500A TIG Welding, Cold Wire & Hot Wire feeding process.
- Heavy Duty Column & Boom 7mtr X 7mtr (Weld axis Servo) equipped with 1000A Lincoln AC/DC 1000SD Sub-Merged Arc Welding & 700A TIG welding power source combination.
- 20 Ton Conventional Rotators Servo Drive
- 40 Ton Self Aligned Rotators AC Induction motor drive
- Weld Lathe with Servo Spindle combined with Column boom for Component welding with TIG / Plasma
- 1 Ton Positioner
- 10 Ton Turn-Table
- Manual welding stations TIG / MIG / MAG / SMAW

## **Fabrication Facility**

Rolling Machines:

Rolling Machine	20mm, 2 mtr Plate, 2 Nos
Sheet Rolling Machine	6mm Thk MS Plate, 3mm Thk SS Plate Width 1.5m - 1 No
Pipe Rolling Machine	4" NB Sch 40 - 1 No

## **Cutting Machines:**

Cutting Machines.				
Hyper therm PXM 1000	Upto 20 mm			
Hyper therm PXM 1650	Upto 30 mm			
Thermadyne cut master	Upto 40 mm			



Tornocut MiniCUT26

CNC Plasma & Flame cutting machine



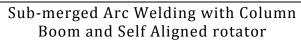
ESAB Pug cutting machine



Profile gas cutting machine



## **Automated Welding Machines:**





Fully Automated TIG and Keyhole Plasma Welding with Hot Wire Process





Manual Welding Machines:

Mandai Welding Machines.				
TIG WELDING MACHINE	Migatronic, Denmark	320 amps - 6 Nos 500 amps - 4 Nos		
	Miller Maxstar 700 USA	700 amps – 1 No		
	Miller Maxstar 350 USA	350 amps - 1 No		
	Fronius, Austria	Hot wire power source		
	Thermadyne	Plasma module		
MIG WELDING MACHINE	Ador Fontech	400 amps - 2 Nos		
		500 amps - 2 Nos		
	Cloos, Qineo Pulse 600,	600 amps Water Cooled		
	Panasonic	500 amps - 1 No		
		Open Head - 114.3 mm OD		
ORBITAL WELDING	Orbimatic, gmbh	x 12 mm thk 1 No		
SYSTEM	Germany	Close Head - 114.3 mm OD		
		x 4 mm thk 1 No		
SUB MERGED ARC	Lincoln Electric, USA	Powerwave AC/DC 1000		
WELDING	Lincoln Liectric, USA	SD		





## **Machining Facility**

## BFW HORIZONTAL MILLING MACHINE Model HF - 2.0



## BATLIBOI MAKE RADIAL DRILLING MACHINE Model BR-515



## Conventional Lathe Machines

ZMM Bulgaria make - Variable Speed Heavy Duty Lathe Distance between centers-5000 mm



ZMM Bulgaria make Variable Speed Lathe (4000 mm)



ZMM Bulgaria make Universal Lathe (1500 mm



DENVER, Taiwan Make Model LV-560 X 1000mm High Speed Variable Speed Lathe Speed 30 – 1800 rpm





## **CNC** Lathe Machines

ZMM Bulgaria make CNC Lathes with Fanuc Control (Between Centre - 2000 mm / 3000 mm / 4000 mm)



ZMM Bulgaria make CNC Lathes with Fanuc Control (Between Centre 5000 mm)



## CNC VERTICAL MACHINING CENTRE

Model: "Agni" BMV45TC24

with FANUC 0i MD CNC system



Traverse: X - 600

Y - 450Z - 500

Feed Rate: 1 – 10,000 Spindle Power: 5.5 / 7.5 KW Speed: 12000 RPM

Taper: BT40

Model: "Sooraj" BMV65TC24

with Fanuc 0i MD Control system



Traverse: X - 1280

Y - 700Z - 650

Feed Rate: 1 – 10,000 Spindle Power: 7.5 / 11 KW Speed: 8000 RPM

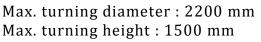
Taper: BT50



## VERTICAL TURNING CENTER

Model: SCHIESS KZ 200 Model: SCHIESS FRORIEP 14 DK 100 A





Max. load on chuck: 6 T



Swing diameter: 1400 mm Turning height: 1200 mm Max. load on chuck: 4 T

## CYLINDRICAL GRINDING MACHINE

Centre Height -190mm / Max Diameter - 380mm Distance between Centres-3000 mm





## **Testing Facility**

- Measuring Instruments Digital And Analog Vernier Calipers, Micrometers, Dial Gauges And Depth Gauges
- Liquid Penetrant Examination
- Radiography & Ultrasonic Test
- Pneumatic Test: High Pressure And Low Pressure Air Compressor
- Hydro test Ranging from 15 PSI to 7000 PSI to meet the DOT standards
- Helium Leak Test MSLD Machine, ASM 310 From Adixen Vacuum Product, France with roots and rotary pumps.





## **Material Handling**

- 30 Ton EOT Crane With 50 Feet Lift Height- Unit I
- 20 Ton EOT Crane With 40 Feet Lift Height- Unit I
- 9 Ton Mobile Crane
- 12 Ton Mobile Crane
- 10 Ton EOT Crane 15 Feet Lift Height- Unit II
- Heavy Vehicles For Material Dispatch And Collection In-house

## Few Important Valuable Customers . . . .

- A V Thomas Industrial Products Ltd, Ernakulam
- Akemi Technologies India Pvt Ltd, Bangalore
- Aquatech International, USA
- Aquatech Systems (Asia) Pvt Ltd, Pune
- Alvar Inc, USA
- Bechem OKS Lubricants Pvt Ltd., Mysore
- Bhabha Atomic Research Centre, Mysore & Mumbai
- Bharat Dynamics Ltd., Hyderabad
- BEML, Mysore
- Biocon Ltd, Bangalore



Bostik Findley India Pvt. Ltd., Bangalore Briggs of Burton India Pvt Ltd • Century Plywood Industries, Calcutta • Cipla Ltd., Bangalore Coates of India Ltd., Bangalore • Dhabol Power Project, Ratnagiri, Maharastra Desmet Ballestra, Bangalore DIC Coatings India Ltd., Bangalore Dickenson Fowler, Bangalore Electropower Systems, Italy Filtrec, Italy Foseco India Ltd, Pune • Geepee Group, Thailand • Godavari Power Project, Kakinada, A.P. • GVK Power Project, Rajamundry, A.P. • Hainan Power Project, China • Hikal Ltd., Mumbai & Bangalore Indo Gulf Corporation Ltd., Dahej, Gujarat Interwood Processors Pvt Ltd, Ahmedabad Ion Exchange (I) Ltd, Hosur • JSS College of Pharmacy, Ooty • Jesco Resources Inc., USA • Jubilant Organosys Ltd., Nanjangud, Mysore • Karnataka State Forest Industries Corporation Ltd, Bangalore • Klauz Specialities, Bangalore • Kirloskar AAF Ltd., Bangalore Kissan Products Ltd., Bangalore Klueber Lubrications, Mysore Lakshmanan Isola Ltd., Ramnagaram Mapie Constructions, Bangalore • National Aerospace Laboratories, Bangalore • National Plywood Industries Ltd, Bangalore • Natural Remedies Pvt. Ltd., Bangalore • Netpro Renewable energy India P.Ltd., Bangalore • Rinac India Limited, Bangalore Polytherm Resins, Bangalore Sami Labs Ltd., Kunigal Sartorius India Ltd., Bangalore Southern Lubrication Pvt. Ltd., Bangalore Stellence Pharmascience Limited, Bangalore Suretex Prophylactics (I) Pvt Ltd, Bangalore

• Syngene International, Bangalore



- Syngenta, Goa
- Tata Advance Systems, Hyderabad
- The Plantation Corporation of Kerala Ltd, Kottayam, Kerala
- Ultrafilter India, Bangalore
- Valspar Coatings India Private Limited
- Vinoram Ltd., Bangalore
- Warren Oil Company Inc., USA
- Zahara Petrochemicals, Dubai

## Glimpse of our Jobs

















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Date: 01.07.2011

#### TO WHOM SO EVER IT MAY CONCERN

We have placed the Order for 3 K I Grease Kettle for Design, supply and Installation which is required for us for manufacturing of Greases, to M/s. Sieco Engineers Pvt. Ltd. Based on the basic guide lines, Design parameters & also the Safety requirements advised from our German counter part.

We are Pleased to inform that M/s. Seco Engineers Operated in a very professional manner meeting our Safety & Technical Standards and completing the project successfully on time. We appreciate the commitment and competence level shown from the management & Staff of M/s. Sieco Engineers, while executing this project.

The supplied items for this project viz, Grease Kettle, 80 NB Flush bottom Valve & Variable frequency drives have been performing well.

For Klüber Lubrication India Pvt. Ltd.

Authorized Signatory

IR RAKSHIM KUMFA)

Klüber Lubrication India Private Limited 347-A, Hebbal Industrial Area P.O. Metagati Mysore \$70.016. India

Tel.: +61 (821) 394 to 41 Feb.: +61 (821) 340 35 25 customerservice@in Mueber.com sweet Mueber.com

Certified 190 9001 190 14001 5





## Southern Lubrication (Pvt) Ltd.

340, RAHEJA ARCADE, KORAMANGALA, BANGALORE - 560 095, INDIA II Ph : 0091-80-25533465, 25532572, 41104024 II Fax : 0091-00-25533192 II E-mail : siplind@eirte/mail.in/II Vist us at www.luboliconsole.com



Bangalore 01st Jul. 2011

## TO WHOMSOEVER IT MAY CONCERN

This is to certify that M/s. Sieco Engineers Pvt. Ltd., #25, Bommasandra Industrial Area, Hosur Road, Bangalore - 560 099, is executing various fabrication jobs to our organization in Stainless Steel and Carbon steel construction, namely, Oil Reservoir, Overhead Tank, Structural fabrication etc., for more than 10 years now.

We are quite happy with their services and technically they are meeting all our requirements. Quality of the product supplied is quite satisfactory and equipment are working at various sites and inturn our customers are quite satisfied with the quality of the product supplied by us.

Regards.

B. Muralidhar Gen, Manager.

WORKS 16-A1 and 23-C. KIADB INDUSTRIAL AREA, ATTIBBLE - 962 107. ANEXAL TALUK, BANIGALORE DIST







Blocon Limited - SEZ Unit Blocon Special Boonamic Zane Plot Nos. 2,3,4 & 5, Phase W - B.J.A. Boonamacardisport Link Read Bangalore S60 006, India 7 91 90 1806 1806 F 91 90 1805 1803

www.hisanidaan

#### TO WHOMSOEVER IT MAY CONCERN

We had placed order for 5KL Reactor, 12 m sq Heat Exchangers, 8 KL Day Tank, 15 Kl Storage Tanks and other Equipment on M/S Sieco Engineers PVT Ltd.

We appreciate the commitment and competence level shown by M/S Sieco while doing all these jobs.

We will continue with Sicco's services for our future requirements.

For BIOCON LTD

Anand Kumar M
Deputy Manager
Engineering & maintenance

Date: 01/07/2011





#### **Bechem OKS Lubricants (India) Private Limited**



347-A, Hebbal Industrial Area, P.O.Metagalli, Mysore 570 016, India Tel.:(+91) 821-40 21 21 Fax:(+91) 821-40 28 25 E-mail: contact@oks-india.com Internet: www.oks-india.com

#### To Whom It May Concern

Messrs Sieco Engineers Private Limited, Bangalore have fabricated grease manufacturing equipment during the year 2001, for our plant in Mysore and also for export to our collaborator's plant in the United States of America.

We wish to record our appreciation of the quality of their work, their understanding of our requirement, timely delivery and above all their proactive attitude in dealing with us, their customer. We also wish to record our satisfaction with the working performance of the equipment installed in Mysore.

We are indeed happy with their performance and would recommend their services without any hesitation. Our congratulations and thanks to Mr. S. Mohanam, Managing Director for his sincere cooperation throughout.

Bechem OKS Lubricants (I) Pvt Ltd

R. C. Jagadesh Executive Vice President Manufacturing & Product Devpt.

Place: Mysore

Date: 10 January, 2002

Registered Office: Silver Jubilee Block, 3rd Cross, Mission Road Bangalore 560 027, India Tel.: (+91) 80-229 95 55 Fax: (+91) 80-222 85 43 MEMBER, PREMCHAND GROUP PRS



Mr. S. Mohanam Managing Director

SIECO Engineers Pvt Ltd

Plot No 25

Bommasandra Industrial Area

Bangalore 562 158

**INDIA** 



Foseco International Limited P.O. Box 5516 Tamworth Staffordshire England B78 3XQ

Telephone +44 (0)990 345543 Telefax +44 (0)990 673016 Internet http://www.foseco.com

Ref:- Sanaswadi Resin Project

Dear Mr. Mohanam

It is a great and unusual pleasure these days to thank a contracting company for the service that they have given. In 1998 / 99 your company SIECO were contracted by us to design, supply and install all the equipment required for a relatively large resin manufacturing complex as a turnkey project. As an international project engineer on this contract I can personally confirm that SIECO operated in a very professional manner, completing the project with a high international standard of work, on time and on budget. May I thank you and your staff for the diligent and competent way in which you completed the project.

I will have no hesitation in using the services of SIECO again for any future projects in India or in any part of my region of operation.

. /. /

Kevin J. Cooke

25.10.99

Regional Operations Engineer Middle East, India

South Africa

Foseco Foundry International

Registered Office: Burmah Castrol House Pipers Way Swindon Wilts SN3 1RE

Registered in England 468147

A BURMAH CASTROLCOMPANY





# WARREN Oil Company, Inc.

Corporate Office P.D. Box 1507 + 2540 US 301 Morth Dum, NC 35534 + 510-652-6465



#### To Whom It Concerns:

Sieco Engineers Pvt Ltd, Bangalore fabricated three grease manufacturing kettles during the calendar year of 2013 for our plant in West Memphis, AR in United States of America.

This letter is to show appreciation for their craftsmanship, timely delivery, and overall professionalism in addressing Warren Oil's requirements. I'd also like to thank them for their willingness to assist in the commissioning of all three kettles at our facility in the US.

I am happy with the kettles performance and would recommend their services without reservation.

Matt Hardy

Grease facility operation and project manager

Warren Oil Company

West Memphis, AR 72301

Dunn, NC 28334 - Benton, AL 36765 - San Antonio, TX 78210 Marion, IL 62959 - Johnstoen, PA 15909 - West Memphis, AR 72301





Date: 03.10.2006

TO WHOMSOEVER IT MAY CONCERN

We had placed order for detailed design, supply and installation of Plant and equipment required for our Polyester Resin project on SIECO Engineers Private Limited, based on

basic guidelines and design parameters received from our foreign Principals.

We are pleased to confirm that M/s SIECO Engineers operated in a very professional manner meeting international quality standard and completing the project successfully on time and within the budget. We appreciate the commitment and competence level displayed by the management and staff of M/s SIECO Engineers while executing this

project.

For this project, major equipments supplied by M/s SIECO Engineers included Reactors with agitators and heating / cooling arrangements, Heat Exchangers, Decanters, Storage Tanks, Vacuum Catcher Tank etc. all fabricated out of SS 316 / 304. These equipments have been performing excellently since December 2004 when the plant was

commissioned.

We have no hesitation in confirming that we would be using the services of M/s SEICO Engineers in future also for all similar requirements.

For DIC COATINGS INDIA LIMITED.

₽RASHANT G. WADNERAKAR

General Manager - Bangalore Factory

DIC COATINGS INDIA LIMITED 66B, Bommasandra Industrial Area, Hosur Road, Anekal Taluk, Bangalore - 560 099 Tel: 080 7832115/815, Fax: 91 80 7832816

Registered Office: C/o DIC India Limited, Transport Depot Road, Calcutta 700 088