

We are pleased to introduce ourselves as one of the leading engineering services. We are in services of designing & engineering since last nine years.

R-CAD is an Organization with core expertise in providing consultancy as well as production & installation services in various fields like chemical, pharmaceutical, oil & gas, automotive, fire fighting etc. Kindly look in our web site www.rcadindia.com

With a view to provide professional engineering services to achieve customer satisfaction of the highest degree, each service is adequately handled by professionals exemplary in their respective fields.

WE PROVIDE FOLLOWING ENGINEERING SERVICES -

- Piping layouts, isometrics, and bulk MTO'S, process & instrumentation diagrams.
- Cable tray layouts, ducting layouts, factory layouts etc.
- Structural layouts, pipe racks & its detailing.
- Detailed fabrication drawings for heat exchanger, pressure vessels & storage tanks, agitators, reactor, columns, and chimneys etc.
- Designs for Lpg, propane, ammonia fixed / mobile installations as per CCOE, SMPS rules.
- Reverse engineering of all type of machines on relevant cad/cam software's like solid edge, ideas and other 3d software's.
- Design for petroleum road tankers, designs for bus body, tippers, special purpose/fire fighting vehicles
- Sheet metal development & drawings for metal forming industries.
- Electrical drawings as per requirement from electrical consultants.
- Total consultancy services for fire detection, alarm & protection systems.

WE PROVIDE DRAUGHTSMANS AND ENGINEERS ON DEPUTATION ON MONTHLY AS WELL AS ON HOURLY BASIS.

Our services are fully equipped with all necessary infrastructures which can give you total designing, drafting & printing solutions:

Sr. No.	Description	Qty.
1	OFFICE AREA – 1055 SQ. FT	
2	P IV COMPUTERS	15 Nos.
3	LAPTOPS	3 Nos.
4	GRADUATE ENGINEERS	5 Nos
5	CAD OPERATORS	15 Nos.
6	PLOTTERS	2 Nos.
7	INKJET PRINTER	2 Nos.
8	SCANNER - CANON S5000F	1 No.
9	AMMONIA PRINTING MACHINE - A0 SIZE (SUPPHIRE-120-SUPER)	1 Nos.

LIST OF OUR REGULAR CLIENTS

- ALLIED FURNACES
- ALLIED CONSULTING ENGINEERS PVT. LTD.
- BASF INDIA LTD.
- BASF POLYURETHANE INDIA LTD.
- BASF CONSTRUCTION CHEMICAL LTD.
- CABOT INDIA LTD.
- EXPANDED INCORPORATION.
- ISPAT INDUSTRIES LTD.
- ION EXCHANGE INDIA LTD.
- SIEMENS LTD.
- SNC LAVALIN
- OPT ENGINEERS PVT. LTD.
- WALCHAND NAGAR INDUATRIES LTD.
- HIKAL LTD.
- FURNACE FABRICA INDIA PVT. LTD.
- TRIOFAB INDIA LTD.
- ANTONY MOTORS PVT. LTD. (ISO 9001) (BODY BUILDER OF VEHICALS)
- ZOOM DEVELOPERS PVT. LTD.
- FIRE-TECH EQUIPMENTS & SYSTEMS PVT. LTD.
- GHARPURE ENGG. & CONST. PVT. LTD.
- SETH FABRICATORS PVT. LTD. (STEEL & SHEET METAL FABRICATOR) (ISO 9002)

Our Expertise is to Provide Services to Chemical, Mechanical and Fabrication Industries.

OUR ELITE MAJOR PROJECTS FOR CHEMICAL INDUSTRIES

SAVITA CHEMICAL LTD. MUMBAI:-

- Preparation of Pipe Routing Plan, Elevation & Level Wise Supports. Design of Pressure Vessels & Oil Storage Tanks.
- Preparation of Isometrics with Bill of Material for Process & Utility Piping.

KILITCH DRUGS INDIA LTD.:-

- Providing Site Layout, Machine Layout, Piping Layout, Piping Isometrics, Fire fighting
- Hydrant layout as per TAC STD.

ALLIED FURNACES:-

PROJECT: HYDERABAD WASTE MANAGEMENT PROJECT

- Preparation of Pipe Routing Plan, Elevation & Level Wise Supports.
- Preparation of Isometrics with BOM for Process & Utility Piping.

ALLIED CONSULTING ENGINEERS PVT. LTD.

CLIENT: FAJR-E SEPAHAN GALVANIZING IND. CO. (IRAN)

PROJECT: 100% H2 ATMOS. BELL TYPE BRIGHT ANNEALING FURNACE

- Preparation of Pipe Routing Plan, Elevation & Level Wise Supports.
- Preparation of Isometrics with BOM for Process & Utility Piping.

ALLIED CONSULTING ENGINEERS PVT. LTD.

CLIENT: FAJR-E SEPAHAN GALVANIZING IND. CO. (BHUSHAN STEEL)

PROJECT: 100% H2 ATMOS. BELL TYPE BRIGHT ANNEALING FURNACE

- Preparation of Pipe Routing Plan, Elevation & Level Wise Supports.
- Preparation of Isometrics with BOM for Process & Utility Piping.

BASF India Ltd.:-

- We are Providing Design & Drafting Services Since 2001.
- Project –_Styroper, Auxiliary, Pilot, Tamol, Utility, ETP, Basynton Plant.

PROJECTS :

- `AS BUILT` and TAG Numbering to Instruments in P & I Diagrams for All plants.
- Tank Farm Area Piping Layouts.
- Revised Factory Layout.
- Fire Audit and `AS BUILT` Factory Layout of Fire Hydrant Piping System.

CABOT India Ltd.:-

PROJECT: LPG PIPING SYSTEM

- Prepared LPG System Piping Layouts of Total Plant.
- Preparation Tank Farm Area Piping Layouts.
- Preparation Equipment Layout.
- Revised Factory Layout.

SNC LAVALIN (R. J. Associates Pvt. Ltd.) :-

CLIENT: SUMITOMO CHEMICALS LTD.

PROJECT: PROPYLENE OXIDE PLANT

- Preparation of Piping Layouts for Propylene Oxide Plant of Section 200 to 500.
- Preparation of BOM of Propylene Oxide Plant for Section 200 to 500

FURNACE FABRICA INDIA PVT LTD. :-

PROJECT: CALCINATION PLANT (Hindalco, Muri)

- Preparation of Pipe Routing Plan, Elevation & Level Wise Supports.
- Preparation of Isometrics with BOM for Process & Utility Piping.

PROJECT: SULPHURIC ACID PLANT (Sable, Zinc, Zambia.)

- Preparation of Pipe Routing Plan, Elevation & Level Wise Supports.
- Preparation Isometrics with BOM for Air, Gas Ducting Slurry Lines & Steam Condensate Lines.

EXPANDED INCORPORATION:-

PROJECT: PU PLANT PIPING.

- Prepared As Built Pipe Routing Plan, Elevation & Level Wise Supports.
- Preparation of Isometrics with B.O.M. For Process & Utility Piping.
- Detail of Pipe Rack & Piping in Isometric View.
- Preparation Structural Detailing & Equipment Layout Plan.

MYSOOR AMMONIA LTD. :-

PROJECT: Ammonia Bottling Plant, Taloja

- Prepared As Built Pipe Routing Plan & Supports.
- AND VARIOUS OTHER PROJECT LIKE REVERSE ENGINEERING OF M/C.
- PROCESS EQUIPMENT FABRICATION DESIGN AND DRAWING.
- STRUCTURAL DETAILING.
- AND OTHER ENGINEERING EQUIPMENTS.

OUR ELITE MAJOR PROJECTS FOR MECHANICAL INDUSTRIES

- REVERSE ENGINEERING PROJECTS :-

PLUS PAPER FOODPACK

PROJECT: REVERSE ENGINEERING OF CUP MACHINE

SCOPE OF WORK:

- Made Freehand Sketches of Each Cup Machine Parts. (16 Unit - 2000 Parts)
- Taken Measurements Of Each Component. (Unit Wise)
- Conversion of Free Hand Sketches to Cad Drawings. (Unit Wise)
- Given Tolerance and Aligned System Assemblies. (8 Units)
- Checking. (Unit Wise)
- Taking Final Printout of each unit of Cup Machine. (Unit Wise)

BARC – TROMBAY

PROJECT: OCTAGONAL SHAPE CENTER TABLE FOR DIVERSION OF ULTRASONIC BEAM.

SCOPE OF WORK:

- Total System Development Drawings and Detailing as per Given Sketches.
- Align the Unit Assemblies and Made Prototype of Center Table.

A1 INDUSTRIES - GOVANDI, MUMBAI

PROJECT: REVERSE ENGINEERING OF SPOT COATING PRINTING MACHINE.

SCOPE OF WORK:

- Total System Development Drawings and Detailing as per Given Sketches.
- Generate 3D Model of Spot Coating Printing Machine.
- Development of CAM.

BEND & FAB LTD. MAHAPE, NAVI MUMBAI

PROJECTS: REVERSE ENGINEERING OF BENDING MACHINE

SCOPE OF WORK:

- Total System Development Drawings and Detailing as per Given Sketches.
- Made G. A. and Fabrication Drawing for manufacturing.

ALLIED CONSULTING ENGINEERS PVT. LTD.

PROJECT: REVERSE ENGINEERING OF PIPE ANNEALING MACHINES

SCOPE OF WORK:

- Total System Development Drawings and Detailing as per Given Sketches.
- Made 3D Model of total System and Made Slide Files for Presentation.

STRUCTURAL DETAILING.

- Completed Pipe Rack Structural Fabrication Detailing Drawings for HPCL. Mahul, Mumbai
- Completed Pipe Rack Structural Fabrication Detailing Drawings for CABOT India Ltd.
- Completed Pipe Rack Structural Fabrication Detailing Drawings for Trimurti Engineering Pvt. Ltd.

INDIAN OIL CORPORATION LTD. GUJARAT.

- Total Cost & Estimation of 20 Nos. Large size Storage Tank (20 M Dia to 60 M Dia.) Floating Head & Cone Roof Tanks.

R. D. ENGINEERS, TRIO FAB INDIA LTD., GEECY ENGINEERING PVT. LTD.

- Total Detailing & Weight Calculation of Ladder, Platforms & Grating for Columns,
- Chimney & Storage Tanks for IOCL, Reliance Industries Ltd., L & T

FABRICATION ACTIVITY :-

We have 50 nos. Of labour team which are expert in fabrication, piping, maintenance and on site job. We can give 100% job guarantee of our job because of our technical expertise & systematic work strategy and team work.

We request you to give us an opportunity to register us as one of your approved vendor.

Thanking you,

Yours faithfully,

For **R-CAD CONSULTING ENGINEERS**

A handwritten signature in cursive script that reads "R.C. Badekar". The signature is written in black ink and is positioned above the printed name and title.

R.C. BADEKAR
Proprietor