

## **R B PATIL & ASSOCIATES**

All solutions under one roof

**Rapidly growing and very fast developing sugar manufacturing and consultancy organization.**

Our most challenging, innovative, foolproof & result oriented services rendered to sugar industries & bi-products for profitability of sugar industries are ---

- 1 Per day basis Consultancy services.
- 2 Annual turnkey Consultancy services.
- 3 Annual Turnkey expansion project Consultancy services including mill, boiler and boiling house expansion.
- 4 To prepare expansion project DPR required for administrative, financial approval from commissioner of sugar & sanctioning the loan from banking and national funding agencies.
- 5 To prepare detail technical specification and Bid documentation of expansion project for tender floating.
- 6 Consultancy services for improvement in performance, profit and reducing stoppages.
- 7 Manufacturing and supply of our innovative patented units for increasing crushing rate, bagasse saving, export and sugar and ethanol production.
- 8 Inspection analysis data study diagnosis analysis and evaluation and suggestions services.
- 9 Most advanced hi-tech training program services for workers engineer and staff by PPT laptop and projector.
- 10 Establishment & expansion upgradation of new ethanol, distillery plant.
- 11 Establishment of new jaggery sugar plant project with DPR, technical specification preparation, selection of the machinery and upgradation & sort out process problems.
- 12 Establishment and DPR & total consultancy services for integrated 2G ethanol.
- 13 Installation of bio CNG project, DPR & total consultancy services.
- 14 Installation, establishment, DPR, consultancy services for production of hydrogen from sugarcane.
- 15 Consultancy services for zero liquid discharge (Z L D) and installation of dry Potash granules & dryer plant.

Most challenging collaborative consulting organization who strives for perfection, innovation, profitability, efficiency improvement and result orientation.

**R. B. PATIL**  
**TECHNICAL DIRECTOR**

ALL SOLUTION'S UNDER ONE ROOF

# R B PATIL & ASSOCIATES

S-10, KINGS COURT, SHIVAJI PARK, KOLHAPUR, TAL - KARVIR, DIST - KOLHAPUR,  
MAHARASHTRA, PIN - 416001

Email Id: rbpatil07@yahoo.com

Mobile No.: 9420598620

RAPIDLY GROWING AND VERY FAST DEVELOPING MANUFACTURING &  
CONSULTANCY ORGANIZATION.

## Inspection and analysis of your sugar complex

**Subject:** - Inspection and analysis of your sugar complex to find out hidden potential to increase crushing rate, bagasse saving, power export, efficiency improvement, performance and reduction in losses, fix expenditures and ultimately increase overall revenue & profitability of your sugar industry complex & biproducts.

**Respected Sir,**

All of us are aware that, the sugar industry total complex along with byproducts costing around more than 300 crore rupees, has a tremendous hidden potential in existing machinery in crores of rupees.

With innovative, modern, foolproof concept and techniques there is a vast scope to increase revenue in crores of rupees with some minor modification, rectification and modernization in the machinery and plants.

After overall inspection and analysis of your machinery & technical specification, overall data review, study, diagnosis, analysis & evaluation in detail 2 visits.

We will suggest you the scope & solution for overall improvement in the results, performance, profitability, crushing, efficiency as below.

1. To increase the crushing rate considerably in the existing milling Tandem.
2. To increase the bagasse saving to the major extent.
3. To increase the thermal efficiency of boiler.
4. Scope to reduce the stoppages by minimum 50 %

5. Scope to reduce steam % cane
6. Scope to improve preparatory index.
7. Scope to improve milling results.
8. To stabilize the overall sugar plant complex for smooth, uniform, consistent, easy going and constant crushing.
9. Scope to improve power export per day.
10. Scope to increase ethanol production.

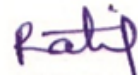
**Our standard technique and procedure of our extraordinary and most expert Associates team**

1. To get your standard machinery specification I -1 form by mail / WhatsApp.
2. To get your RT (8)C of last 3 years.
3. To get your D.M.R. copies of last 3 years.
4. To get your existing boiling house configuration and vapour bleeding arrangement scheme.
5. To get your detailed stoppages records of last 4 years.
6. To give the first visit for inspection and observations of the overall plant and machinery.
7. To discuss the bottlenecks and repeated problems with your technical personnel.
8. To form a WhatsApp group along with your technical personnel for getting required information, documentation, parameters and required details with necessary figures, drawing etc.
9. To know the expectation of your technical head and management for further improvement.
10. To study the overall data, parameters, repeated problems, reasons of stoppages, vapour bleeding arrangements etc. in detail.

11. To give second conclusion visit for inspection and analysis & to study loop holes, missing lacuna and collect any further additional data if required.
12. To take a meeting and discuss with your technical heads in detail.
13. To study & review finally your data, parameters, technical specifications, sizes, drawings, points raised during discussion & your expectations. To study lastly your data, parameters, diagnoses, analysis & evaluations for final overall improvements in performance, efficiency, output & overall revenue of the sugar complex.
14. To submit you, Return on Investment Ratio (ROI) with time bond period.
15. Submit you the visit report of inspection and analysis of your plant.

**Inspection & analysis work will be carried out in two visits, three weeks conclusion visit report for hidden potential will be submitted for the improvement in overall sugar complex.**

**COLLABORATIVE CONSULTING ORGANIZATION WHO STRIVES FOR PERFECTION, CHALLENGE, INNOVATION, FOOLPROOF CONCEPTS & RESULTS ORIENTATION.**



**R B Patil**

**Technical Director**

**R. B. PATIL & ASSOCIATES**