E.PARDHA SARADHI

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**Career Objective**

To associate myself with an organization that has potential for both organizational and industrial development, personal growth that provides greater scope to learn, improve and implement.

**Synopsis**

1. A result oriented professional with +26 years of rich experience including 4 years overseas experience in various fields including Project management, Production & Planning, Genreral Administaration, Operation & maintenance of Sugar plant, power & Distillery Units.
2. Core competence in Selection, Erection, Operation and maintenance of Sugar Plant Machinery, Power plant equipment & Distillery equipment.
3. Expertise in handling a diverse range of operations entailing Sugar, Power & Distillery operations
4. Proven track record of developing procedures, service standards and operational policies, planning & implementing effective control measures to reduce running costs of the unit.
5. Expertise in multidimensional execution of projects along with optimising resource utilisation and effective site management.
6. Conversant with implementing ISO 9001:2000/8 quality standards and conducting quality audits.
7. Excellent written, communication, inter personal, liaison and problem solving skills with the ability to work in multi cultural environment.

**Organisational Experience**

*Since Jun’11 with* ***Sudalagunta Sugars Ltd, Andhra Pradesh State, India***

*- Working as* ***Vice President – Engg.***

**Present responsibilities**-

* Factory Head for the Sugar Plant of 4200 Tons/day, Co-gen plant and new Distillery unit of 140 KLPD, which is under erection.
* Apart from the Sugar industry, supporting services to the flour mills and hotels which are being held by the promoters.

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*Since Nov’09 with* ***Shiraguppi Sugar Works Ltd, Karnataka state, India***

*- Worked as* ***General Manager(Tech.)***

**Responsibilities Held**-

* Plant Head for the Green field project of Sugar Cane energy complex comprising of modernised sugar plant of 5000TCD with 2X20MW Co-gen plant and 120KLPD Distillery.
* Erected and commissioned the 5000 TCD sugar plant with 1x20MW Co-gen plant.

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*From July-2007 to Nov’2010 with* ***NCS Sugars Limited, Andhra Pradesh, India***

*- Worked as* ***Dy.General Manager(Tech.)***

**Present responsibilities**-

* To look after overall operations of the Sugar unit(Factory side) including Production, Operation, Maintenance, Budgeting, Planning and sub-contracts, inspection and quality control, Brown Field Projects, Implementation of ISO 9001:2000.
* Worked also as overall in-charge for power plant of 20MW Power plant.

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*From April-03 to April -07 with* ***Sugar Corporation of Uganda Limited, Lugazi, Uganda*** *as* ***Manager Engg.***

**Responsibilities Held**-

Responsible for overall operations of the Sugar & Distillery units including Production, Operation, Maintenance, Budgeting, Planning and sub-contracts, inspection and quality control of items received from imports and our sister concern(M/s UGMA Engg.works), Projects(maintenance), Implementation of ISO 9001:2000, ISO 14001:2004 and Cleaner production concepts.

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*From Aug-1992 to Feb-03 with* ***The Jeypore Sugar Company Limited (Sister concern of KCP Limited),Chagallu,APState,India .***

**Responsibilities Held**-

Responsible for overall operations of the Sugar Cane Milling plant including Production, Operation, Maintenance, Budgeting, Planning and sub-contracts, inspection and quality control operations.

**Achievements/ Major Projects handled**

1. Successfully executed the following projects -

**At M/s JSCO, INDIA:**

1. Expansion of M/s The Jeypore Sugar Company ltd, Chagallu, AP state from 4500 TCD to 8500 TCD in phased manner from 1992 to 2000.
2. Erection, commissioning, operation and maintenance of 4000 TCD Self Setting Milling tandem (Size: 36” x 72” Four roller SS mills with 64TPH, 42Bar Water tube Boiler (KCP-make).
3. Expansion of Old tandem (30”x60” Mills) from 2500 TCD to 3500 TCD and expansion of new tandem from 4000 to 5000 TCD.
4. Erection and commissioning of 80TPH/64Ata/480deg.cel Boiler for co-generation.
5. Co-ordinated with consultants for 16MW Co-generation plant in the following key areas

*Conducting energy audit, preparing the DPR for the 16MW Co-generation project, project planning, scheduling, budgeting, tender documentation, detailed design and project engineering, enquiry floating, vendor selection, inspection and quality control of inputs, supply and erection stage of Co-generation plant.*

1. Design, erection and commissioning of vapour bleeding arrangement for new DEVC, Vacuum pan (60 ton capacity), Water cooled Crystalliser.
2. Relocation of C - Centrifugal station with 2nos. of 250MT MVC’s with in time span of 4months at M/s JSCO.
3. Erection and commissioning of various boiling house equipment like A and B Continuous vacuum pans, Centrifuges like D412/D512, Crystallisers, Sugar Graders and re-engineering of Cooling and Condensing system(injection water pumps and spray pumps).
4. Achieved a maximum crushing capacity of 9200 Tons.

**At M/s SCOUL, UGANDA:**

1. Crush rate at mills is enhanced from 85 TCH to 95 TCH by replacing the apron type inter carriers by rake type elevators with Donnelly chutes at M/s SCOUL,Uganda. The entire project is being done by ourselves without any external consultancy starting from design to erection and commissioning.
2. Re –engineering and expansion of cane conveying and cane preparation equipment with in a short period of 3.5 months includes the plant shutdown period of 40 days in the year 2005 at M/s SCOUL,Uganda.

This is a re-markable achievement at M/s SCOUL,Uganda as entire cane carriers of overall length 80mts are being replaced by widened carriers of 6’ width with new Heavy duty fibriser in place of cutter, old chopper and leveler by new cane chopper and new cane leveler in the same conveying line.

1. Expansion of Distillery capacity from 6.5KLPD to 7.5KLPD with out major investment but only by re-engineering, better process operations and minor modifications.
2. Design, fabrication, erection and commissioning of variousequipment like cane kicker, Head-on chopper for Cane Carrier, oil trap sytem for mill house effluent, vibro screen for 1kg. Sugar packing unit etc.
3. Project of 4MW back pressure T.G.set right from the feasibility study to the erection and commissioning stage.
4. Played a vital role in the project of 1kg/2 Kg and 5 Kgs. sugar bags introduction first time in the Ugandan sugar market.

**At M/s NCS, INDIA:**

1. Crushing capacity is upgraded from 3500 TCD to 5000 TCD with the addition of Zero Mill and GRPF system for Mill no.4.
2. Re –engineering and expansion of cane conveying and cane preparation equipment, mill intercarriers, belt conveyors for handling bagasse from last mill to new bagasse elevator and replacement of turbo drives for all mills by Variable frequency drives of AC motors within a short period of 4 months.
3. This is a re-markable achievement at M/s NCS,India as entire project is handled by the factory team lead by the self without any help of external consultancy within the targeted time without any difficulty and startup problems(toothing problems).
4. Erection and Commissioning of new set of evaporators of 7500 Sq.m heating surface with 1st effect as Semi-kestner and 2nd effect as Falling film evaporator with better vapour bleeding arrangement with the objective of 36% steam on cane practically by the utilization of flash heat recovery system, super heated wash water system with the use of 2nd effect condensate & Exhaust Steam without live steam, pan washing with 1st /2nd effect vapours, molasses conditioning by S.K.vapours, Automation of cooling and condensing system with single entry condensers.
5. Power consumption was brought down to 22KWH from 26KWH per ton of cane.

**At M/s SHIRAGUPPI SUGAR WORKS LTD., INDIA:**

* For the Green field project of Modernized Sugar plant of 5000 TCD expandable to 7500 TCD we have considered the most modern and energy efficient equipment with full plant automation.
* Special focus was given on layout optimization and employment of cost reduction techniques while choosing the technology/equipment for the Sugar plant, Co-gen plant and Distillery plant.

**At M/s SUDALAGUNTA SUGARS LTD., INDIA:**

* Expansion of the sugar plant from 3500 Tons/day to 5000 Tons/day with more emphasis on energy conservation, water conservation by the use of best engineering practices and energy efficient and eco friendly technologies.
* Special focus was given on layout optimization, energy conservation, environmental protection and employment of cost reduction techniques while choosing the technology/equipment for the Distillery plant.
* Green Field project of Molasses cum Grain based Distillery with a capacity of 145 KLPD with latest state of art technologies for improvement in productivity with zero discharge of waste water. Presently the project is under erection.
* Planned and implemented the 0.5kg/1 kg sugar packing system for PDS supply right below the sugar bins without disturbing the regular production of 50 kgs bags of S & M grade. Mobile arrangement was made for sugar package machines(0.5/1kg) to do packing in sugar godown during off-season to save the transport cost and avoid the handling losses.

**Courses/ Training**

1. Certificate in ENVIRONMENTAL MANAGEMENT by Federation of Uganda Employees, Uganda.
2. Participated as Cleaner Production team member under the Eco-benefits programme at “Sugar Corporation of Uganda ltd, lugazi”, conducted by “Uganda Cleaner Production Centre” from June 2003 to March 2004.

**Computer Skills**

1. Functional knowledge of Microsoft EXCEL, WORD & POWER POINT, AUTO CAD 2015, MS Project, ERP packages related to Process industry (Sugar/Distillery), Language –C, web programming using JAVA and Visual Basic.

**Educational Qualifications**

1. B.E. (Mechanical) from Bangalore Univesity in 1992.
2. PG Diploma in Sugar Engg – Nov’94 – VasantDada Sugar Institute, Pune, INDIA
3. PG Diploma in Energy Conservation & Management – Aug’99 – SK University, INDIA.
4. Proficiency Certificate as Boiler Operation Engineer- Govt. of Karnataka State,INDIA

**Date of Birth:** August 28,1970