To,

Subject: Application for the post of DGM/AGM (Electrical& Instrumentation)

Sir,

I am having 27+ years of experience vastly in the field of control & instrumentation with good communication skills.

Apart from my core responsibility for 12500 TCD sugar, 110KLPD distillery, and 93 MW captive power plant, I have been given added responsibility of electrical section (VFD's, DC Drives, AVR's & governors) for sugar, distillery, power plant and smooth operation of Concentration & 35 TPH Incinerator boiler plant.

I am a team member for the Pollution board related committee with the responsibility of managing and providing all relevant data and smooth running of OCEMS systems.

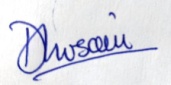
Last year I have completed my job as plant coordinator for the 35 TPH Concentration & Incineration plant from design to commissioning for mechanical, electrical & instrumentation.

This year my team has completed the network integration of all the 17 PLCs of the Sugar & powerhouse section along with Intelligent MCC design, development & commissioning for 40 motors.

I am looking ahead to an opportunity for a change and expand my work boundaries. If given a chance be a part of your esteem organization & getting the best career opportunities, professional growth while being creative, innovative, and resourceful.

I thank you for spending your valuable time going through my resume.

Sincerely,

  
(Dhiraj Gosain)

Vill: Bharatwala, PO: Sigalli,

Dist: Dehradun, State: Uttrakhand. Email: [gosainddun@gmail.com](mailto:gosainddun@gmail.com)

***Cell: +91-9411137672, 7055500785***

***Dhiraj Gosain***

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**CAREER OBJECTIVE:**

To be a part of an organization that provides the best Career Opportunities, Professional Growth while being Creative, Innovative, and Resourceful.

**PROFESSIONAL SUMMARY:**

* Having +27 years of experience in the field of Control & Instrumentation.
* Currently heading the Instrumentation department at Daurala Sugar Works for a 12500 TCD sugar plant, 150 KLPD molasses distillery, PRIPL bottling plant, sugar repackaging section, and centralized 93 MW captive power plant.
* Management has conferred added responsibility of Electrical department and powerhouse.
* Motivating & managing a team of 12 fitters, 35 electricians, and 22 instrument technicians towards trouble-free operation & maintenance.
* Conducting feasibility reports for new proposed projects such as fire fighting system installation, incineration boiler, DM plant, etc.
* Apart from this, I have successfully completed my task as project coordinator for Concentration & Incineration and 4.2MW, 10MW, and 5MW TG Sets.

**JOB RESPONSIBILITY**

* Smooth running of Process Automation & DCS and its troubleshooting whenever required.
* Searching scope of improvement & optimization of Power plant, electrical & instrument system.
* Planning Fuel, Steam & Power for sugar and allied plants for smoother and economical operation.
* Management of all data related to Pollution control boards and coordinating with the concerned departments for keeping the parameters within norms.
* Active member of new projects taken up by DSW.
* Responsible for effective implementation of RM & PM schedule thus ensuring trouble-free operation of production facilities and calibration.
* Effective R&M Budget management.

**IMPORTANT ASSIGNMENTS TAKEN THIS FY & ONGOING PROJECTS**

* Up-gradation of existing MCC to Intelligent MCC and its merger with the existing SCADA system.
* Centralized control station with Rockwell Automation Thin Manager system and Allen Bradley DCS developed in-house.
* In-house design & development of diagnostic programming for Mill & and further implementation of the concept in other sections.
* In-house up-gradation of all the PLC systems both logic & SCADA.
* Upcoming up-gradation of distillery capacity by 85 KLPD.
* Upcoming DRP project for sugar crystallization, electrical & instrumentation part to be done in-house.

**PROJECT COMPLETED TILL LAST FY**

* Project coordinator for 35 TPH distillery spent wash incinerator along with 4.2 MW extraction-condensing TG Set.
* In-house erection & commissioning of 90 TPH @ 67 Kg/cm² boiler along with bagasse drier & WESP (Electrical & Instrumentation part).
* 90 KLPD MPR plant at the distillery (Steam, Electrical & Instrumentation part)
* Fire hydrant & foam system: study & implementation.
* Use of thermo- compressor: study & implementation..
* Revamping of MEE plant at Distillery unit (Electrical & Instrumentation part).
* Augmentation of PRIPL bottling plant from 5 lines to 7 lines (electrical & instrumentation).
* Boiler stack monitoring system (SPM) for all seven stacks.
* Design & development of de-humidification system for Sugar godowns

**SOME ACHIEVEMENTS:**

* AC Drives: We are having 6 AC Drives: prior to taking up, the maintenance cost was approx Rs. 10Lac and machine downtime in the tune of 100 Hrs. Now the maintenance cost has come down to preventive maintenance cost and total down tine to a less than 5 hrs (past 3 yrs data)
* Mill DC Drives: We are having 14 DC Drives, prior to taking up the total cumulative downtime was in the tune of 80 Hrs which has been reduced to 4 Hrs (cumulative) this year.
* Centrifugal DC Drives: We are having 10 DC Drives, this year the cumulative downtime has been reduced from 78 Hrs to below 4 Hrs.
* Mill Automation: In-house developed Mill automation system (both hardware & Software) for smoother operation & reduced downtime.
* Project manager for selection, follow-up, installation & commissioning of 5 MW condensing TG Set and 10 MW extraction back pressure TG Set.
* Selection, installation & commissioning of Multi Effect Evaporator for Bio-methanated Spent Wash.
* In-house development of Daily reporting package (V. Basic).
* In-house development of SMS facility for System alerts.
* Developing professionals instead of officers.
* Previous achievement: Instrumentation team was selected for the International Quality circle convention at Bajaj Hindusthan Limited.
* In-house training program was started for the Instrument department which was further developed as an In-house awareness program and followed in the whole group.

**OTHERS ACTIVITIES:**

* Member of the water management team.
* Member of the CSR committee for cultural programs.

**TECHNICAL EXPERTISE:**

Have expertise in Erection, Commissioning, Software Development Maintenance, and Trouble-shooting of:

DCS (Distributed Control System)

* **ALLEN BRADLEY – Plant PX, Control Logix, Compact Logix, SLC, Micrologix**
* **YOKOGAWA INDIA LTD.**
* Other than regular Instruments

**TECHNICAL TRAINING:**

* Corporate Training on DCS from Yokogawa India Ltd, Bangalore
* Corporate Training on Allen Bradley SLC/ PLC Systems.

**PROFESSIONAL QUALIFICATIONS:**

* BE in Electronics & Communication from NIIBMT in 2006
* Diploma in Electronics & Communication from GPD, Dehra Dun In 1994

**WORK EXPERIENCE**

| M/S Daurala Sugar Works, Daurala | Manager | 2016 till date |
| --- | --- | --- |
|  | Joint Manager | 2014-2016 |
|  | Dy.Manager | 2011-2014 |
| M/S Bajaj Hindusthan Ltd unit Barkhera | Dy. Manager | 2008-2011 |
|  | Asstt. Manager | 2006-2008 |
| M/S Instrument and Systems, Dehra Dun | Manager projects | 2002-2006 |
| M/S Back Pro Power Lab, New Delhi | Sr. Engineer | 1997-2002 |
| M/S T.D.C. (I) P.Ltd, New Delhi | Asst. Engineer | 1994-1997 |

**PERSONAL DETAILS:**

Father’s Name                : Shri.T.S.Gosain

Date of Birth : 12 Jan. 1973

Permanent Address : Vill Bharat Wala, P.O. Sigalli, Dehra Dun

Marital Status : Married

Wife : Home Maker

Son & Daughter : Studing

**Current CTC :** Rs. 18.0 Lacs PA

**Expected CTC :** Negotiable

Date:-                                                                                      Dhiraj Gosain