

VISHAL R. BAGAL

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PROFESSIONAL SYNOPSIS

- A Production engineer with **1 years** of experience in Production.
- **Presently associated with Gardner Denver, Nash at Pune, Maharashtra.**
- Expertise in liquid ring vacuum pump & compressor packages , manufacturing and testing of engineering products that will enable organization to consistently meet Quality with productivity & customer satisfaction.

CORE COMPETENCIES

1. Liquid Ring Vacuum Pump Package assembly

- ❖ Reading and understanding of P & ID and GA drawings, piping assembly and Instruments mountings.
- ❖ Evaluating the proper sequence of assembly as per the Design.
- ❖ Planning of materials required for fabricating and identify the proper sequence for the flow of materials

2. CL2002 Pump Assembly.

- ❖ Knowledge of each components specifications, casting, machining and dimension required for assembly of pump.
- ❖ Selection of right tools, methods and generating the proper assembly procedure.

3. SAP PP module as per Requirement.

- ❖ Creating PR under different GL accounts.
- ❖ Viewing stocks & Requirements and PO.
- ❖ Projects Routing.
- ❖ Downloading BOM and drawings.

4. Fabricating Method.

- ❖ Knowledge of all the activities required for fabricating and completions of projects such
As welding, Drilling, Pipe cutting, Threading, Beveling, Tapping and Grinding.
- ❖ Selections of tools and accessories required for during breakdown of machines.

5. LRVP Packages & Pump Testing.

- ❖ Planning of all the activities that to be taken care before running the Machine.
- ❖ Ideas of possible Problems that can come and their counter measure.
- ❖ Performing the performance test, Hydro test, Noise and vibrations test , Humid air testing, cavitation test as per customer Requirements and reports generations.

6. Manufacturing Projects Planning.

- ❖ Planning of all the activities required for the completion of projects.
- ❖ Planning of all the materials required for manufacturing and generating the shortages
List and forward to purchase departments for procure and taking proper follow-up.
- ❖ Proper allocation of manpower on different projects and monitoring their works.
- ❖ Planning of possible problems that can come before starting manufacturing of package
And finding their counter measure.

7. TIG welding.

- ❖ Knowledge of all the working parameters and their principles of working.

- ❖ Evaluating the general procedure for welding joints as per customer requirements.
- ❖ Consumable materials and their accessories required for welding.
- ❖ TIG welding common problems and weld defects.
- ❖ Understanding and performing WPS of welder of CS and SS Materials.

WORK EXPERIENCE

Current organization: Gardner Denver Engineered products India pvt ltd, Pune. (US NASH division)

Designation: - Manufacturing/Production Engineer

Responsibilities:

- Mentor, train and develop shop floor employees in technical processes including behavior, attitude and manufacturing excellence skills to manufacture vacuum pump and compressor packages.
- Responsible for manufacturing output and internal co-ordination with design, quality, service department.
- Write Work Procedures, Flowcharts, Data sheets, Work instructions and submit for customer approval and release them for use in shop floor.
- Coordinator for CL2002 pump Product Development manufacturing and vacuum pump testing.
- Estimate Manpower and machine requirement for improved productivity of man-machine processes.
- To ensure balance in flow of material & information on daily basis to achieve production target.
- Co-ordinate with QC for quality clearance of inward material.
- Competency in manufacturing and assembly processes such as pipe and tube bending, laser alignment, Vacuum and compressor package manufacturing & testing as per HEI standard, TIG welding process establishment etc.
- Conduct 5S and safety training. Conduct shop floor meeting, inform and educate employees through tool box talks, discuss 16 point MSDS, conduct TSO (Task Safety Observations) etc.
- Monitoring the critical shortages required by production on daily Basis which effects customer delivery.
- Conformity evaluation of welding related matters by observation and judgement as appropriate by measurement or testing.
- Planning & procurement of production consumables.
- Perform all other activities necessary as per organization requirement.

KEY PROJECTS EXECUTED IN GARDNER DENVER PUNE

1. LTHE FARABI Projects
2. TKIS FARABI Projects
3. L&T KHARGONE
4. HPCL 2BE1-253
5. BHEL VIJAYWADA
6. BHEL TUTIKORIN
7. ENNEXIO
8. GE OBRA & JHP ONGOING

QUALIFICATIONS

- ✓ B.E specializing in Mechanical Engineering from Shivaji University in May 2018 in first class with distinction.

IT SKILLS

PROFICIENT IN

- ❖ Auto Cad version 2011.
- ❖ Microsoft Word, Excel & Power point.

PERSONAL DETAILS

- Date of Birth : September 12th, 1996
- Residential Address : Near Yerala River, Vaduj , Dist- satara, Tel- Khatav, 415507

Date: / /
BAGAL

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