CURRICULUM VITAE

**HARDEEP SINGH**

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CAREER OBJECTIVE:

* To set an example of growth, efficiency and advancement of higher levels in professionalism, in synchrony with the changing and fast moving industry, thereby enhancing my skill and in the process benefiting the organization I represent.

# Summary of Skills & Experience (Total Experience 13 years 6 months )

**2.5 years** with **Zoloto Industries. (Zoloto Valves Jalandhar)** from JUL **2011 to JAN 2014** having experience in **Production & Quality control Dept.**

1. **years with Leader valves limited Jalandhar From Feb 2014 to April 2016 working in as Q.A Engg.**
   1. **years with NVR VALVES Jalandhar from 2016 April to july 2018 as Production Engg. & Development Engg.**

2 years with Perfect valves from Aug 2018 to till Aug) as Development Engg. Aug 2020 to till date working with Kartar valves as R&D ENGG.

**Working experience (Job responsibilities)**

* + - Design of **Resilient Seated valves** ,(Gate valve, NRV ) with long durability.
    - Design of **Tamper proof Air valve . with advance features.**
    - **Design of double eccentric Butterfly valve .**
    - Minimize the operational torque of valves for better performance.
    - Working on **UL ,BIS**, **ISO, IBR, API,5S** systems.
    - Responsible for final inspection **(Third party)** of valves at quality post.
    - Responsible for **Process audit** and updating it.
    - Problem solving of Assembly line hardships & rectification of them by providing Action plan.
    - Hydraulic and steam testing of valves Testing as per specification of standards.
    - Preparing the assembly line audits check sheets on line inspection and assembly analysis. Stage wise inspection while machining and assembly.
    - New vendor developments for production.
    - Responsible for preparing **DPR** (Defective product report).
    - Responsible for final Quality checking.
    - Manpower management in a shift.
    - Explain the valve application to customer for better performance of valves.
    - Minimize the cost of production and achieve high production.
    - Planning daily production activity according to production schedule so that no downtime occurs on assembly Line.
    - Responsible for Quality production in the respective shift.
    - Performed NDT testing for valves.
    - Prepare Technical presentation to help explain the product to customer.
    - New product development as per market requirement. & work on the performance of valves.
    - Implementation **of UL, BIS and ISO, API** on the shop floor.
    - Line balancing and man power planning.
    - Preparing the rejection details reducing the rejection.
    - Generating new ideas for safety, productivity& reducing rejection.
    - Responsible for prepare documents and material for Third party inspection **(TUV,BV,IOCL BHEL, NTPC, ONGC,SGS, PDIL, RIGHTS etc).**
    - Responsible for final inspection for **Tagging marking & Painting requirements** of customers like QUTAR PETROLEUM,Kuwait oil company, AL-ZAHEM, L&T , RELIANCE , BHEL,IOCL, ONGC, etc.

**Zoloto Industries (JUL 2011 to JAN 2014)**

* + - * Responsible for manufacturing of ferrous valves as per Drawing and product standards.
      * Responsible for raw material inspection.
      * Responsible for documents preparation for ISO ,API & BIS audits.

**Leader valves limited (Feb 2014 to April 2016)**

* + - * + Responsible for TPI inspections like SGS,DNV ,EIL TATA,Alzahem ,Relience , Etc
        + Responsible for Tagging, marking on the valve as per standard and customer requirements.
        + Responsible for special painting requirements for high pressure and high temp. Valves.
        + Special inspection for refinery valves as per standards.

**NVR VALVES Jalandhar ( April 2016 to JUL 2018)**

* + - * + **Responsible for new product development ,( forged Brass ball valve & Forged brass PRV) .**
        + **Responsible for increase the production of valves .**
        + **Make new jigs and fixture for quality product manufacturing.**
        + **Install the new plate for powder coatings.**
        + **Responsible for UL certification of Ductile Iron fittings.**
        + **Responsible for landing valve manufacturing and certification for BIS.**

**Perfect ( LP valves) from Sep 2018- Aug 2020)**

* **Responsible for Develop the tamper proof Air Valve.**
* **Responsible for Resilient seated gate valve new designs for advance features**
* **Responsible for BIS certification of Air valve form BIS as per IS 14845.**
* **Responsible for technical presentation to consulantant for product approvals like Pluming India , Ashre , PWD , other Govt Dept., Etc .**
* **Responsible for Actuator valve manufacturing used in SCADA system. Gate valve , Butterfly valve.**
* **Responsible for Resilient seated gate valve manufacturing process.**
* **Responsible for increase the production for gate valve and butterfly valves.**

**KARTAR VALVES from Aug 2020 to till date**

* + **Responsible for minimize the customer complaints.**
  + **Developed the new Resilient seated gate valve as per market requirement.**
  + **Developed the Ball type foot valve for water line.**
  + **Responsible for Actuator valve manufacturing used in SCADA system. Gate valve , Butterfly valve.**
  + **Responsible for increase the production for gate valve and butterfly valves.**
* **Responsible for BIS certification of fire sprinklers form BIS as per IS 9972:2023**
* **Developed new design of Gate valve for Export market .**
* **Developed new design of NRV in resilient seated with new features.**

# Technical Qualification:-

* + - **Degree in Mechanical Engineering from CTIEMT Jalandhar (PB.)** With **78%** Marks in **2011.**
    - **Three years diploma in Mechanical Engineering** from **Lord Krishna Polytechnic College, Kapurthala** (PB.) with **74% (Hons)** Marks in **2008**.

# Educational Qualification:-

* + - **12th(ITI/Vocational)**from **P.S.E.B with 83% Marks** in **2006**.
    - **10th** from **P.S.E.B with 74% Marks in 2004**

Training:-

* + - **Six Weeks** training in **Rail Coach Factory, Kaputhala**.
    - **Four Weeks** Training at **G.N.A Dura parts Pvt. Ltd Mehtiana, Phagwara**
    - **Six month training in Valvco international Jalandhar**
    - **15 Days training in Solid edge software cond. by Siemens Group.**
    - **NDT LEVEL 2 in DPT Testing.**
    - **Certificate course for Measuring Instruments Calibration from CHIT Jalandhar**

Achievements:-

**API** 600/602 Certification in 2014 (for GATE ,GLOBE AND CHECK VALVE )

**UL** Certification for pipe fittings in 2018

**BIS** Certification for Fire Hydrant IS 5290 in 2018

**BIS** Certification for Air valves IS 14845 in 2019

**BIS** Certification for Butterfly Valve IS 13095 in 2019 **BIS** Certification for fire Sprinkler IS 9972: 2002

BIS Certification for fire Extinguisher IS:15683

Computer Proficiency:-

* + - MS-Office
    - Knowledge of Internet
    - AutoCAD , Pro-e , Solid Edge

Personal Profile:-

Father’s Name : S.Harcharan Singh

Date of Birth : 18 April 1989

Sex : Male

Nationality : Indian

Language Known : Hindi, English & Punjabi

Marital Status : Married

Hobbies : Listening classical music

Declaration:-

* + - I hereby declare that all above information given by me is true & correct to the best of my knowledge & behalf.

Date: -…………………..

Place: -…………………. HARDEEP SINGH