

# Aditya Kumar Jha

Assistant Manager (Engineering)

Mechanical Engineer with 6 years of experience in Chemical & Automobile & HVAC Industries . Excellent reputation for resolving problems, improving customer satisfaction, and driving overall operational improvements. Consistently saved costs while increasing profits. targeting assignments in Maintenance Operations, Production Management, Greenfield Projects, Assets management, Preventive Maintenance, Breakdown Maintenance, Project Management, Plant Operations, Utility Operations, TPM Excellence & Consistency, Kaizen

## Contact

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## Skills

Maintenance Operations 

Greenfield project management 

Plant Operations 

Utility Operations 

HVAC 

Safety 

## Work History

2019-05 -

Current

### Assistant Manager (Engineering)

ABS Air Tech Pvt. Ltd, Gurgaon, Haryana

- Developing and testing models of alternate designs and processing methods to assess feasibility, operating condition effects, possible new applications and necessity of modification.
- Checked design compliance with product specifications and standards requirements.
- Client discussion understanding requirements and providing solution.
- Heat load calculation for Engine test cell, Clean Room Class 10K to 1L.
- Provide high level customer service and ensure compliance to all company's rules and regulations.
- Developing new vendor for project execution.
- Service Providing on schedule to reduce down time.
- Negotiation with Supplier & Vendor to reduce project cost.
- Generated repeat business through exceptional customer service and responded to customer concerns with friendly and knowledgeable service.
- Planning & Controlling of Turnkey projects.
- Design checking compliance for Utilities (Chillers, Cooling towers, AHU, AWU, Pump, Piping)

2017-03 -

Engineering calculations



2019-05

FMEA



Piping Design



## Languages

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English



Hindi



## Senior Engineer

*CP India Test System Pvt. Ltd, Sierra-CP UK, Delhi, New Delhi*

- Ensure customer satisfaction by responding to customer enquiries in responsive manner.
- Surveyed potential project sites before design, checking for space restrictions, mechanical feasibility and manufacturers guidelines.
- Commissioning of Utilities like Chillers(200Kw) & Blast cooler(500Kw) including piping & insulation.
- Assembling floor frames, Engine pallet & fuel pipeline.
- Sound knowledge of Emission norms and Equipment Ama i60, BG3.
- Actively involved in Rate analysis, BOQ Preparation.
- Identified and solved problems in the design and manufacturing processes.
- Prepared supporting documentation for capital budget.
- Analyzed current processes to design improvement plans.
- Daily planning and indenting of Machinery and manpower for day today activities.
- Controlled engineering activities to maintain work standards, adhere to timelines and meet quality assurance targets.
- Assessed scope and requirements to make accurate project design determinations for 3 projects.

2014-01 -  
2017-03

## Maintenance Engineer

*SPR India Pvt Ltd, Alwar, Rajasthan*

- Dismantled defective machines and equipment and installed new or repaired parts.
- Organized and directed maintenance shutdowns and startups.
- Providing shift maintenance & coordination with production department to give maximum output.
- CAPEX & Estimates for installation and maintenance work.

- Bill preparation, Supervision and inspection of all activities.
- Handling regular maintenance of all machines like Reactor, Pastillator, Granulator, Sieving, TFH, ACM, Hydraulic hand lift, Blenders, Pulverizer and Compressor etc.
- Worked for controlling moisture of RF resin during Pastillation.
- Inspection of activities of civil works & erection in accordance to the approved quality assurance plan.
- Worked on troubleshooting and performed root cause analysis on major breakdowns and reported to higher management.
- Trained production team on firefighting at shop floor basis.
- Color coding of all pipeline as per given by BIS.
- Involved in shop floor training such as equipment, process handling for new and existing products.

## Education

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2009-07 - 2013-06	<b>Bachelor in Engineering: Mechanical Engineering</b> <i>SSSIST - Sehore</i>
2008-03 - 2009-04	<b>HSSC (12th)</b> <i>SVM - Dhanbad</i>
2006-04 - 2007-03	<b>HSC (10th)</b> <i>SVM - Dhanbad</i>

## Accomplishments

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- Project name: HVAC for Powder Coating Area  
Client: KANSAI NEROLAC PAINTS LTD, Govindval Sahib Amritsar
- Project name: Engine Testing Expansion Client: Sonalika Tractor ITL, Hoshiarpur
- Project name: Powertrain Development Centre  
Client: JCB Faridabad

- Project name: Engine Testing Cell (ETC-10) Client: ICAT, Manesar.

## Interests

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Listening to music

## Reading Journals

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Reading journal allows me to carry the words and their power with me journals which is help me about new research and how to implement this in existing & in new system to save power & durability.