**MAHESH CHANDRA SHARMA**

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Targeting assignments in **Plant Maintenance/ Erection &Commissioning/ Quality Assurance**

**PROFILE SUMMARY**

* **Crusher Engineer (Mechanical)**with **nearly 13 years** of experience in**Plant Operations & Maintenance, Erection & Commissioning, Equipment Maintenance, Project Planning & Execution, and Safety & Compliance**
* Monitoring implementation & documentation of quality systems and managing techno-commercial activities relating to O & M contracts and procurement of utility equipment; reduced overall **plant costs by 50%** through effective equipment maintenance & deployment
* Leveraged skills in ensuring smooth functioning of overall maintenance operations as well as enhancing operational efficiency with excellence in ensuring that plans are aligned with demand requirements**; improved overall plant productivity from 40% to 70%**
* **Resourceful in** preventive & breakdown maintenance of Batching Plant CP30, Crusher Plant 200TPH, Hot Mix Plant 120TPH,Earth Moving Machinery used in Highway Projects, Gantry Crane (40 T), L&T Komatsu (PC-200), Motor Grader BEML, Soil Compactor, Bulldozer, Compressors, Hydra and JCB JS80 (Tracked Excavator), Cummins DG Sets(62.5Kva, 180Kva,360Kva,500Kva), L & T 9020Wheel Loader,WMM Plant, Transit Mixer, and Bending/ Cutting Machine
* Effectual in minimizing performance bottlenecks for achieving high productivity with deployment of material & machine; member of plant & machine maintenance projects for road constructions projects of **value over INR 4000-5000 CR**

**KEY SKILL**

**Operations & Maintenance Equipment Maintenance Process Enhancement**

**Quality Control Erection & Commissioning Project Planning & Execution**

**Process Improvement Cost Reduction Safety & Compliance**

**ORGANIZATIONAL EXPERIENCE**

**Since Oct’18 with Bharat Road Network Ltd., Solapur, Maharashtra as Crusher Engineer (Mechanical)**

**Apr’17-Mar’18 with ApcoInfratech Ltd., Lucknow as Senior Engineer (Mechanical)**

**May’08-Jan‘15 with Larsen & Toubro Ltd., ECC Division, Chennai as Senior Engineer (Mechanical)**

**Oct’07–Apr’08 with RDS Project Ltd., Jodhpur, Rajasthan as Engineer (Mechanical)**

**Apr’06–Sep’07 with IVRCL Infrastructure & Projects Ltd., Alwar City, Rajasthan as Assistant Engineer (Mechanical)**

**Jul’03–Mar’06 with Vichitra Constructions Pvt .Ltd., New Delhi as Site Engineer (Mechanical)**

**Key Result Areas:**

* Spearheading plant& equipment maintenance for leading major projects & monitoring the health & consumption of heavy equipment; developingproposals &budget plans for material/ cash flow
* Streamlining the entire installation and commissioning ofheavy machines, cranes, diesel generators, grader, soil compactor, bulldozer, compressors & other plant equipment while adhering to quality measures &safety standards
* Administering the entire gamut of maintenance function, providing leadership to the Maintenance Team and focusing on providing proactive maintenance solutions in liaison with internal technical teams, internal projects teams, consultants & contractors for requirement capturing, building out specifications, and defining scoping of projects
* Identifying the areas of improvement and recommending the process modification and equipment calibrations to enhance operational efficiencies of plant machinery
* Adhering to the defined timelinesand project qualityparameters, as per EHS standards for troubleshooting and predictive / preventive / condition based maintenance of various retrofitting works & overhauling of machines
* Monitoring the equipment health at vendors’ end and at line setup; achievingmaximum cost savings through process audits,tests, inspections of existing processes review, and re-designing enhancing operational efficacy
* Effectively developing failure analysis report &minimizing downtime by providing quick turnaround responses and efficient solutions;diligently reviewing drawings, layouts, diagrams, technical specifications, reviewing & analyzing contractor's change order proposals & submittals
* Preparing operation & maintenance report of all machinery progress, progress report, and other report at the project

**Highlights:**

**Bharat Road Network Ltd.**

* Ensured reliable operations by developing methods and upgrading manufacturing processes to eliminate waste, cost and improved overall plant productivity from 40% to 70%
* Assisted in the plant & machine maintenance projects for road constructions of value over INR 4000-5000 Cr.
* Executed big projects/expansions and converted& prepared all documents
* Reduced overall plant costs by 50% through effective equipment maintenance & deployment
* Supervised the overall planning, organization and management of all aspects of projects & maintenance operations, including administration, budgeting, planning and policy implementation

**Apco Infratech Ltd .**

* Instrumentally enhanced the production by reducing downtime for plant
* Identified areas of obstruction and took steps for rectifying equipment through application of troubleshooting tools
* Achieved maintenance cost reduction through counter-driven maintenance and liaised with internaldepartments to meet internal customer needs; modified equipment to aid & improve manufacturing process
* Led operations& maintenance of machines like Tata 2516 Cummins, 125kva Dg Sets, Bolero M2zdicr, Volvo L 90F Wheel loader, Cat 320 Motor Grader, and Volvo 210 Excavator Tandem Roller Escort
* Monitored fuel consumption for Tata 2518, Tata 3516,Tata 2516, Bolero m2zdicr, Wheel, Loader L 90 F, Tandem roller,SoilCompactor, and Motor Grader cat 320

**Larsen & Toubro Ltd .**

* Ensured periodic & preventive maintenance are appropriately scheduled & accomplished and emergency troubleshooting & maintenance support are readily available
* Conducted maintenance & commissioning of Cummins DG Sets (62.5 KVA, 180 KVA, 360 KVA and 500 KVA) and L&T 9020 Wheel Loader, Motor Grader (Liugong)
* Set-up quality & maintenance standards, ensured optimum utilization & deployment of available resources to achieve organizational objectives
* Directed the erection & maintenance of Batching Plant Swing Stator CP30 (30Cum/Hr)
* Minimized downtime & failure rates and maximized productivity; led plant maintenance function supporting overall operations

**TECHNICALSKILLS**

**Word, PowerPoint, Excel, Windows OS**

**EDUCATION**

* Bachelor of Engineering (Mechanical) from Dr. B.R Ambedkar University, Agra, U.P. in 2003 with 72%

**TRAINING**

**Completed trainings on:**

* Safety in Construction
* Plant & Machinery System & Procedure Training Programme
* AutoCAD

**PERSONAL DETAILS**

**Date of Birth:** 1st January 1983

**Address:** Hanno. 119A, Prem Nagar Colony, G.T Road, Aligarh – 202001, Uttar Pradesh

**Languages Known:** Hindi and English

**PROJECT ANNEXURE**

**Bharat Road Net Work Ltd., Calcutta Oct-2018 to till Date**

**Client:** Solapur Toll Ways Pvt Ltd

**Project:** Solapur To Karnataka Border Road Project

**Role:**

* Managing the operation & maintenance of crusher plant 200TPH (Nawa Engineers & Consultants ) 500kva DG Set, 380kva Dg Set, JCBJS205SC, Volvo L90F WHEEL LOADER, Volvo 210 Excavator & Tata2518
* Maintaining diesel consumption report of machineries like Tata 2518, Tata 3516, Tata 2516 , Bolero M2ZDICR, Tandem Roller, Soil Compactor, Motor Grader Cat 320, and Wheel Loader L90F

**Apco Infratech Ltd. April 2017 – March 2018**

**Client:** Acp Toll Ways Pvt.Ltd. ( Apco Chetak Patel Pvt.Ltd.)

**Project:**  Varanasi ShaktiNagar Road Project Maintenance

**Role:**

* Spearheaded the operations&maintenance ofmachinesincludingTata 2516 cummins, 125kva DG sets, BoleroM2zdicr,VolvoL 90F Wheel loader, Cat 320 Motor Grader, and Volvo 210 Excavator Tandem Roller Escort
* Generated operation & maintenance reportof machinery progress,and progress report
* Reviewed diesel consumption report of machines like Tata 2518, Tata 3516,Tata 2516, Bolero m2zdicr, WheelLoader L 90 F, Tandem roller,Soilcompactor, and Motor Grader cat 320

**Larsen & Toubro Ltd . May 2008 - Jan 2015**

**Title :**  Amravati Jalgaon Maharashtra Border Road Project,June 2012 – Jan2015

**Role:**

* Headed maintenance & commissioning of Cummins DG Sets (62.5 KVA, 180 KVA, 360 KVA and 500 KVA) and L&T 9020 Wheel Loader, and Motor Grader (Liugong); directed end-to-end erection & maintenance of Batching Plant Swing Stator CP30 (30Cum/Hr)

**Title :**  Samakhiali Gandhidham Road Project, Aug’11 – Jun’12

**Role:**

* Managed erection & maintenance of Batching Plant CP30 (30cum/Hr), operations & maintenance of Gantry Crane (40T), WMM Plant, Heavy Machinery & Equipment such as Gantry Crane (40T), L&T Komatsu PC 200, Motor Grader BEML, Volvo Grader, Soil Compactor, Bulldozer, Compressor, Hydra, and JCB JS 80 (Traked Excavator)
* Created operations &maintenance reports

**Title :**  Rajkot -–Jamnagar Vadinar Road Project, Jamnagar (Gujarat), Jun’09 – Aug’11

**Role:**

* Managed erection & maintenance of Batching Plant Swing Stator CP30 (30Cum/Hr)
* Conducted operations & maintenance of Gantry Crane (40T) & WMM Plant and Heavy Machinery & Equipment such asL&T Komatsu (PC-200),Motor Grader BEML, Volvo Grader, Soil Compactor, Bulldozer, Compressors, Hydra, and JCB JS80 (Tracked Excavator)

**Title :**  Palanpur Swaroopganj Road Project (BOT basis), May’08 – Jun’09

**Role:**

* Administered operations and maintenance of heavy machinery & equipment such as Diesel Generators, Komatsu GD555 & GD655 Grader, Hydra 14T & 11T, and Tandem roller

**RDS Project Ltd . Oct 2007 – April 2008**

**Title :**  Runway Project, Haloid, Jodhpur (Rajasthan), Oct’07 – Apr’08

**Role:**  Workshop In-charge

**Responsibilities:**

* Performed operations& maintenance of heavy machinery & equipment in mechanical workshop such as Excavator, Graders, Bulldozers, Compressors, and Hydra & JCB JS80 (Tracked Excavator)

**IVRCL Infrastructure & Projects Ltd . Apr 2006- Sept 2007**

**Title:** A.S. MEGA State Highway-25 Project from Alwar to Sikandra (Rajasthan), Apr’06 – Feb’07

**Role:** Shift In-charge

**Responsibilities:**

* Led operations and maintenance of Crusher Plant 200 TPH, heavy machinery & equipment such as L&T Komatsu (PC-200), Motor Grader BEML, Volvo Grader, Soil Compactor, Tandem Roller HD-85, Bulldozer, Compressors, and Hydra & JCB JS80 (Tracked Excavator)

**Title:**  Raw Water GRP Pipeline NLCRA-8 Project for Thermal Power Plant, Bikaner (Rajasthan), Feb’07 – Sep’07

**Role:** Shift In-charge

**Responsibilities:**

* Planned, executed and monitored all components of pipeline works for maintenance of all heavy mechanical equipment& machinery such as Hydra (10T), Tata JD 315V, JCB 3DX, and Komatsu Excavator