

RAHUL DUBEY

Mobile- +91-9860410764

Email id -rahuld874@gmail.com

ABOUT ME

A Lean Six Sigma practitioner and chemical engineer with 10 years of pharmaceutical and FMCG industry experience.

Experience of 8+ years in Production and Operation Excellence field of productivity improvement and product quality improvement and 2 year of experience in Process Engineering. Sports enthusiastic and music lover

EDUCATIONAL INFO

- 2010-2014 | B.Tech (Chemical) | VNIT Nagpur CGPA – 6.47
- 2009-2010 | Senior Secondary | Kendriya Vidyalaya Ambajhari Percentage – 88.88%
- 2007-2008 | High School | Kendriya Vidyalaya Ambajhari Percentage – 92.8%

ACHIEVEMENT

- Green Belt Certified.
- Six sigma Black Belt Classroom trained by BMGI
- Completed edx online course "3.091x SOLID CHEMISTRY" of MIT USA.
- Represented school in Kho-Kho sports at district level.

LUPIN LTD

DEC -2022 TO PRESENT

Senior Manager (Digital Transformation Program) May-24 to Present

- Leading Digital Transformation Program across all the Indian API and Formulation manufacturing sites of Lupin. Promoted to Senior Manager in June-2024 with added responsibility of driving use cases in Quality function along with Manufacturing.

Manager, (Digital Transformation Program) Dec-22 to May 24

- Leading Digital Transformation Program across all the Indian API and Formulation manufacturing sites of Lupin.

Program Management

- Stakeholder management of IT and Operations team.
- Driving 38 use cases implementation across Lupin India manufacturing
- Partner with Data Science team to identify scope and run analytics model to get actionable insights.
- Collaborate with manufacturing team and Data Analytics team to implement the findings and validate the financial benefit with Finance team on agreed metrics.
~Financial Benefit through implemented use cases – 78 MN INR
- Driving the POC of Generative AI use cases in manufacturing shopfloor.
- Enabling alignment of manufacturing leadership to scale up the established use cases and new use cases in their respective areas.
- Enabling IT+OT integration by aligning cross functional team in setting up digital infrastructure like IIOT & Data Lake.

CIPLA LTD

MARCH -2019 TO DEC-2022

Deputy Manager, (Section Head API Manufacturing)

- Spearheading multiple product manufacturing block of asset value ~₹40 Cr as section head. Selected under CIPLA operation Leadership program of "Manufacturing selection Program" to build future Manufacturing leadership pipeline well versed in Lean Six Sigma and Manufacturing 4.0 projects.

Supply Chain Initiatives

- Capacity planning and execution of multiple product plant of 2 high value API and 7 intermediates.
- Increase production capacity of anti-inflammatory drug by 36 MT/Yr(50%) by debottlenecking along with shop floor team.
- Implemented production plan and monitoring dashboard, improving Commitment Vs Actual by 10%.

Operational Excellence

- Pharmaceutical 4.0 project of real time Statistical process control of critical process parameter of respiratory API products.
- Working alongside with McKinsey & Companies under POBOS project to establish operational benchmarking of Cipla products.
- Leading site team for the TRUST project, in house program of Cipla to establish quality work culture mindset across the Cipla Operations team.

Cost Saving Projects

- Part of team in driving utility energy saving idea generation and implementation projects. Saving ~ ₹ 40 lacs per annum
- Successfully driven yield improvement of anti-inflammatory drug by 15% through DMAIC approach and analysis.

Product Robustness

- Instrumental in investigation and CAPA implementation to reduce repetitive quality failures in products
- Instrumental in maintaining and improving Quality compliance of production block.

SOFTWARE SKILLS

- ChatGPT
- Minitab 17
- Microsoft Office (MS Excel, MS word, MS power point)
- Microsoft Project
- C-Sense 6.0 GE Troubleshooter

ITC Limited

June 2018 to March 2019

Executive, Process Excellence (PCPB)

- Responsible for deployment of process excellence initiatives across 3 manufacturing sites and R&D of ITC Personal Care Product Business.

Industry 4.0 Projects

- Completed digitalization project of critical process parameter tracking and controlling of 1 soap line under Industry 4.0 projects.
- Established barcode inventory management for small volume chemicals at R&D site.

Total Quality Management System

- Successfully driven 5S certification & Kaizen activities in 3 manufacturing sites under Total Quality Management initiatives.
- Improved efficacy workforce training by driving video module creation of critical manufacturing process SOP of shampoo process.
- Responsible for FMEA (Failure Mode Effect Analysis) matrix preparation and closure at new contract manufacturing sites.
- Part of a team in establishing competitor product survey framework between brand team and Product development team during new product development.

Training and Survey

- Responsible for basic training of manufacturing team in Kaizen, Lean Six Sigma.
- Instrumental in Quality team independent market survey of Personal care products to identify quality improvement opportunity

LUPIN LIMITED

JULY-2014 TO MAY-2018

Senior Executive, Operational Excellence

(Site Improvement Leader, Lupin Tarapur)

- Spearheaded operation excellence department of manufacturing site and responsible for presenting site updates in top leadership board meetings

Project Management

- Spearheaded site program with 5 black belts for “6 sigma robust molecule quality project” to make 5 high value API products quality parameters at 6 sigma level.
~ Reduction in cost of poor quality by ~ ₹ 117 Cr/Yr
- Stakeholder management and alignment for all the operational excellence projects running at site.
- Identification of new DMAIC projects and potential Green Belt for financial year with senior management team.

Lean Six Sigma & Data analysis

- Established statistical process control in 3 multiple product blocks.
- Responsible for providing operation insight by data analysis (Multiple Regression, Hypothesis testing, Gage R&R).
- Coordinate with process development team to plan and perform DOE (Design of experiment) of critical parameters for process optimization
- Training and capability development of site team in DMAIC methodology.

Senior Executive, Operational Excellence

(Team Member, Lupin Ankleshwar)

- Deliver successfully allotted Black belt and Green belt projects and drive operational excellence activity at site.

Six Sigma Cost Saving Projects

- Successfully completed six sigma DMAIC Black Belt project on byproduct yield improvement by 7% as project lead Black Belt, Saving ~ ₹ 0.88 Cr/Yr
- Successfully completed six sigma DMAIC Black Belt project on steam consumption reduction by 198 MT/Yr as project lead Black Belt , Saving ~ ₹ 1.2 Cr /Yr
- Successfully completed six sigma DMAIC Green Belt project on solvent recovery by 15% as project lead Green belt, Saving ~ ₹ 0.55 Cr/Yr