NOVARTIS

Manufacturing Execution Systems (MES) Specialist

Job ID
REQ-10092109
Nov 13, 2026
LOC_US

About the Role

Location:

- This position will be located in Durham, NC and will be an onsite role.
- Novartis is unable to offer relocation support for this role: please only apply if this location is accessible for you.

Key Responsibilities:

- Design, build, test, and maintain PAS-X electronic Master Batch Records and electronic batch records.
- Configure PAS-X workflows, recipes, paperless instructions, and manufacturing process controls.
- Serve as the site PAS-X SME supporting manufacturing operations and shop floor users.
- Troubleshoot MES and PAS-X issues to minimize production disruptions and improve system performance.
- Partner with Manufacturing, Quality, Validation, Automation, and IT teams on MES initiatives.
- Support PAS-X deployments, enhancements, upgrades, qualification activities, and validation batches.
- Maintain MES integrations with SAP, LIMS, OSI PI, 1QEM, and related manufacturing systems.
- Ensure MES activities comply with GMP, FDA, CSV, data integrity, and quality requirements.
- Own or support deviations, CAPAs, change controls, and audit readiness activities.
- Drive continuous improvement of PAS-X design, batch record usability, and manufacturing efficiency.

Essential Requirements:

- Bachelor's degree in Engineering, Computer Science, Information Technology, or a related technical field.
- 5+ years of professional experience within pharmaceutical, biotechnology, life sciences, or regulated manufacturing environments.
- 3+ years of experience supporting MES platforms, preferably involving PAS-X and electronic batch records.
- Hands-on experience configuring, developing, maintaining, or enhancing PAS-X MES solutions.
- Demonstrated knowledge of GMP, FDA, data integrity, and CSV requirements.
- Experience supporting integrations between MES, SAP, LIMS, historians, or other manufacturing systems.
- Strong troubleshooting, root cause analysis, and problem-solving skills in a regulated production environment.
- Proven ability to collaborate effectively with Manufacturing, Quality, Validation, Automation, and IT stakeholders.

Novartis Compensation and Benefit Summary:

The salary for this position is expected to range between $85,400 and $158,600 annually

The final salary offered is determined based on factors like, but not limited to, relevant skills and experience, and upon joining Novartis will be reviewed periodically. Novartis may change the published salary range based on company and market factors.

Your compensation will include a performance-based cash incentive and, depending on the level of the role, eligibility to be considered for annual equity awards.

US-based eligible employees will receive a comprehensive benefits package that includes health, life and disability benefits, a 401(k) with company contribution and match, and a variety of other benefits. In addition, employees are eligible for a generous time off package including vacation, personal days, holidays and other leaves.

#LI-Onsite

Role Requirements

Division
DIV_TO
Business Unit
Production / Manufacturing
Location
LOC_US
Site
Durham
Company / Legal Entity
U473 (FCRS = US473) Novartis Innovative Technologies Inc
Functional Area
FCT_TO
Job Type
Full time
Employment Type
Regular
Shift Work
No
Apply to Job

Job ID
REQ-10092109

Manufacturing Execution Systems (MES) Specialist

Apply to Job

Source URL: *https://jobapi.novartis.com/req-10092109-manufacturing-execution-systems-mes-specialist*

List of links present in page

1. https://jobapi.novartis.com/req-10092109-manufacturing-execution-systems-mes-specialist
2. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/Durham/Manufacturing-Execution-Systems--MES--Specialist_REQ-10092109-1
3. https://novartis.wd3.myworkdayjobs.com/en-US/Novartis_Careers/job/Durham/Manufacturing-Execution-Systems--MES--Specialist_REQ-10092109-1