

Job Notification Form, IIT Delhi

Company Overview

Name: Micron Technology Operations LLP

Website: in.micron.com

Company Type: Core (Technical)

Description: Semiconductor

Job Details

Designation: Singapore - RDA Engineer

Type: Core (Technical)

Place of Posting: Singapore

Job Details: identify yield gain

Plan and execute baseline improvement program to drive the yield and meet yield target

Ensure process control charts set up properly, with correct limits and reaction mechanism

Understand defect morphology, transformation and ensure defect library is updated promptly

Ensure adequate sampling for the processes for timely execution of conversions

Meet and work with Process Integration, Production, and other process areas. Follow up on all defects related SWRs

Setting up contamination, defect, and performance qualification procedures and frequency

Characterizing the process response to parameters

Defining the process margin with respect to upstream and downstream steps

Qualifying conversions and new processes

Improving the process cost of ownership, throughput, and performance

Reducing scrap and excursions

Participate in Daily Area Meeting (DAM), focus group meeting, weekly Excursion Meeting to review recent excursion filed in WFMS and daily Engineering Meeting (EM) with PI and Process Owners for excursion updates to drive improvement.

Bridge communication gap between shift team to ensure excursion updates, reaction mechanism and lesson learnt and are being shared effectively.

Partner with other Fab areas to solve issues that affect multiple areas/levels excursion or unknown rootcause issues with potential yield impact.

Perform post mortem for excursion to identify gaps, propose system fix, setup business processes and perform fanout.

Perform engineering data analysis for using bevel/wisecam, E3 FD, Kalrf 1.8, RGB, D3, WIS and other available measurement parameters and inspection tools

All team members are required to complete their learning items within the stipulated time frame

For business process and/or QMS component that one is responsible or accountable for:

Ensuring the QMS/business process that is effective and conforms to requirements

Ensuring that the processes are delivering their intended outputs

Reporting on QMS/business process performance and opportunities for improvement to management

Ensuring the promotion of internal and external customer focus throughout the organization

Ensuring the maintenance of the integrity of the QMS/ business process when changes are planned and implemented.

Ensuring customer requirements are met

International: Yes

Joining By: 6 January 2022

Salary Details

CTC: 84,364 USD Per Annum

Gross: 71,240 USD Per Annum

CTC Breakup: Singapore
Bachelor (CGPA 7 to 8.5) Bachelor (CGPA 8.5 and above) Master (CGPA 7 to 8.5)
Master (CGPA 8.5 and above)
Base Pay USD 65,897.00 USD 71,240.00 USD 69,459.00 USD 74,802.00
IPP USD 6,589.70 USD 7,124.00 USD 6,945.90 USD 7,480.20
Sign-On Bonus - -
Relocation USD 6,000.00 USD 6,000.00 USD 6,000.00 USD 6,000.00
Total USD 78,486.70 USD 84,364.00 USD 82,404.90 USD 88,282.20

Selection Process

Resume Shortlist: Yes

Written Test: Yes

Online Test: Yes

Group Discussion:	No
Medical Test:	No
Personal Interview:	Yes
No. of Rounds:	2
No. of Offers:	2
Minimum CGPA:	7

Eligibility

Recruiting PHDs:	No
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Eligible Departments:	B.Tech in Electrical Engineering, B.Tech in Electrical Engineering (Power and Automation), B.Tech in Engineering Physics, B.Tech in Materials Engineering, B.Tech in Mechanical Engineering, B.Tech in Production & Industrial Engineering, M.Tech in Communications Engineering, M.Tech in Control & Automation, M.Tech in Industrial Engineering, M.Tech in Instrument Technology, M.Tech in Integrated Electronics & Circuits, M.Tech in Materials Engineering, M.Tech in Mechanical Design, M.Tech in Polymer Science & Technology, M.Tech in Polymer Science and Technology, M.Tech in Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.Tech in Production Engineering, M.Tech in Radio Frequency Design & Technology, M.Tech in Solid State Materials, M.Tech in Thermal Engineering, M.Tech in VLSI Design Tools & Technology, M.Sc in Physics, M.S.(R) in Electrical Engineering, B.Tech in Mechanical Engineering and M.Tech in Thermal Engineering, B.Tech in Mechanical Engineering and M.Tech in Computer Science & Engineering, B.Tech in Production & Industrial Engineering and M.Tech in Production Engineering, M.S.(R) in Mechanical Engineering, M.S.(R) in Materials Science and Engineering, M.S.(R) in Sensors, Instrumentation and Cyber-physical System Engineering, M.S.(R) in VLSI Design Tools and Technology
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