

Application: 4841

Lenovo India Manufacturing

Page: General Information
Provide information about the company to be considered for the award. If you will be nominating an individual, specify the nominee's employer.
Name of Organization/Company Lenovo India Pvt Ltd
Additional Contacts I would also like to have others receive emails about the disposition of our entries.
Page: Entry Information
Entry Title Lenovo India Manufacturing
Category R01. Company of the Year - Manufacturing Technology
Company of the Year Submission Format Written Answers
a. Briefly describe the nominated company's history and past performance (up to 200 words). Required Founded in Beijing in 1984 as Legend & renamed as Lenovo in 2003, the company gained international prominence with its acquisition of IBM's PC Division in 2005 & Motorola in 2013, this moves expanded Lenovo's global footprint & bolstered its reputation for quality & innovation. Strategic drive focuses on innovation, customer-centric products, & expanding its market presence through strategic acquisitions & partnerships. Lenovo operates 30+manufacturing facilities & 18 R&D locations globally. 2013, Lenovo become world's largest PC vendor, maintaining this position till date through continuous innovation & strategic acquisitions. Financially, we demonstrated robust performance, with steady revenue growth & profitability. In FY2223, Lenovo reported a turnover of \$71.6B, driven by strong sales in its core PC business & expanding segments like data centers & mobile. Lenovo's market performance is marked by its leadership in the PC market, significant growth in the data center business, & a growing presence in the smartphone & smart home markets. Environmental initiatives are integral to Lenovo's strategy. The company is committed to sustainability, with goals to reduce greenhouse gas emissions by 90% by 2050, increase the use of renewable energy, & promote circular economy practices. Lenovo has implemented eco-friendly designs, reduced packaging waste, & increased the recyclability of its products & first to initiate the Science Based Targets initiative.

b. Outline the nominated company's achievements since the beginning of 2022 that you wish to bring to the judges' attention (up to 250 words). Required

Achieved significant milestones across various domains through Automation, 3D Printing & Digitalization. Driven 12 Automation & 36 Digital-project from Jan'2022, Some of the top initiatives are outlined here.

Top-Digital:

*ISO-QMS, EMS & OHS Digital-Portal system, responsible of managing & Ensuring E2E systematic drive in all aspect of Management system comprising all Documentation, CLCA, Audits, ECN-PCN, SSPA, Work-Permits, Environmental-Plan-etc.

*SMART (Quality, Production & Warehouse) Digital-Drive, leveraged-AI & data-analytics for improved quality control, productivity, developed a holistic manufacturing ecosystem.

*Compliance & monitoring Tool (CMT Portal) is used to ensuring Statutory & regulatory requirement on-track, centralized, intimated on-time & Ensure closure.

*Digital work instructions ensured consistency & efficiency, backlog order system managed & reduced backlog orders.

*PowerBi, Power-Automate & PowerApps used to develop dashboard & Audits for metrics like Out-Of-Box-Inspection, Product performance in field through IFIR system, PQA & ESD performance.

Key-Automation:

*Auto-conveyors for assembly, packing, RM-etc, which is PLC controlled & provide systematic control over TAT, line balancing, special cause-etc.

*ETMS-System optimize testing process for produced unit by automating all test activities with very minimal human interaction.

*Automatic ESD testing integrated with SMART-HRMS & Attendance system is a Poko-Yoka used in line to ensure all operators entering into line is compiled to ESD requirement & real-time notification.

*Auto Conveyer ESD tester in line will ensure 100% ESD compliance in real-time & stops incase of failure in any stages. Auto sealing machine implementation to progressively seal packaging.

*CSA Automation Tool improved extened testing automation for FG with high precision & auto stress test without man-intervention.

3D Technology is used to design & print tools, Jigs with less time & cost, thus avoiding unwanted risks.

c. Explain why the achievements you have highlighted are unique or significant. If possible compare the achievements to the performance of other companies in the firm's industry and/or to the company's own past performance (up to 250 words). Required

Lenovo holds the top position globally in the PC market with a commanding 23.2% market share. In India, recognized as a pioneer & trendsetter in digital/automation projects, aiming for YOY improvements of 10% in quality & productivity.

The Digital ISO Portal exemplifies Lenovo's commitment to innovation, streamlining operations by significantly reducing the reliance on physical registers, records, & paperback. This comprehensive system enables precise control over user activities, communication, audits, & the development of new vendors & parts. CLCA are efficiently managed, ensuring continuous improvement.

Lenovo's SMART support for Quality, Production & Warehouse operations integrates cutting-edge technology to enhance operational efficiency. AI-enabled line balancing & stringent quality controls in IQC & FG settings minimize errors while centralizing data for advanced statistical analysis using Lenovo AI.

Automation initiatives further elevate Lenovo's manufacturing prowess. Automated conveyors for Assembly & Packing optimize production line efficiency, while the ETMS System reduces human intervention in testing processes, thereby improving accuracy. Real-time ESD compliance through Automatic ESD Testing integrated with SMART HRMS ensures enhanced product safety, supported by PokaYoke mechanisms. The SMART Hi-Pot Self-Test Automation enhances reliability in electrical testing, complemented by automated ESD checks & packaging with the Auto Conveyer ESD Tester & Auto Sealing Machine.

Pondy manufacturing is No1 among all the other Lenovo Manufacturing globally with respect to MVA, Serviceability, SCM, Product Quality (FY2324 increases by 24.8% in Notebook & 20.8% in Desktop FPY & 53.8% Notebook & 30.5% Desktop for OOB), Field Performance (FY2324 increases 26% Notebook & 29% Desktop) & Internal C-SAT Survey FY2324 H2 2.18% increases compared to FY2324 H1 when compared to FY2223 actual.

d. Reference any attachments of supporting materials throughout this nomination and how they provide evidence of the claims you have made in this nomination (up to 250 words). Optional

Attached Complete supporting Documents related to the nomination.

Webpage Link

https://investor.lenovo.com/en/financial/results/press_2324_q1.pdf (https://investor.lenovo.com/en/financial/results/press_2324_q1.pdf)

Would you like to add an additional webpage link?

Yes

Webpage Link 2

https://investor.lenovo.com/en/sustainability/sustainability_reports.php (https://investor.lenovo.com/en/sustainability/sustainability_reports.php)

Would you like to add an additional webpage link?

Yes

Webpage Link 3

<https://news.lenovo.com/> (<https://news.lenovo.com/>)

Would you like to add an additional webpage link?

Yes

Web Page Link 4

<https://www.lenovo.com/us/en/events/techlife/> (<https://www.lenovo.com/us/en/events/techlife/>)

Would you like to add an additional webpage link?

Supporting Document

Download File (<https://stevies-tech.secure-platform.com/file/67453/eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJtZWRpYUlkIjo2NzQ1MywiYWxsbn3dOb3RTaWduZWRVcmwiOiJGYWxzZSIsImInbm9dZHDVqkuZkeZk-tFn21RAU?Manufacturing%20Tech%20COY%20Stevie%20Award.pdf>)

Would you like to add an additional supporting document?

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Terms and Conditions

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