

# **CNC TECHNOLOGY**

## **UNIT 5**

**Topic: Preventive Maintenance and other  
Requirements**



## **Keeping it Running Smoothly: The Importance of Preventive Maintenance and Other Maintenance Requirements**

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Understanding the **importance** of preventive maintenance is crucial for **keeping** equipment running smoothly. This presentation will explore the various **maintenance requirements** and their impact on operational efficiency.

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## Introduction



## Preventive Maintenance

Implementing a regular **schedule** for preventive maintenance can **reduce** the risk of unexpected breakdowns.

**Regular inspections** and lubrication can extend the lifespan of machinery and equipment.



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## Corrective Maintenance

Addressing **issues promptly** through corrective maintenance is essential to **minimize downtime. Timely repairs** and part replacements can prevent further damage and costly repairs.



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## Predictive Maintenance

Utilizing **advanced technology** for predictive maintenance allows for **early detection** of potential issues. **Monitoring systems** and data analysis can provide insights into equipment health and performance.



## Training and Documentation

Providing **comprehensive training** for maintenance personnel is crucial for **effective upkeep** of equipment. **Accurate documentation** of maintenance activities and equipment history is essential for informed decision-making.





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## Conclusion

Adhering to preventive maintenance and other maintenance requirements is vital for **sustaining** operational efficiency and **maximizing** equipment lifespan. By prioritizing maintenance, organizations can avoid costly downtime and ensure **smooth operations**.



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**Thanks**

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