AIR COMPRESSOR PREVENTIVE MAINTENANCE CHECKLIST

(Check each day)

Daily Maintenance Tasks

from ..... to .....

TASK	MON	TUE	WED	THU	FRI	SAT	SUN
Inspect the compressor for any visible damage or leaks.							
Check and record operating pressures, temperatures, and amperage.							
Drain water from the air receiver and other condensation traps.							
Inspect and clean the air filter; replace if dirty or clogged.							
Listen for unusual noises during operation, such as rattling or hissing.							
Verify that safety devices, such as pressure relief valves, are operational.							
Additional Task:							

Instructions:

- *Perform these checks daily to ensure the compressor is functioning efficiently and safely.*

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AIR COMPRESSOR PREVENTIVE MAINTENANCE CHECKLIST

(Check Weekly)

Weekly Maintenance Tasks

from ..... to .....

TASK	1ST	2ND	3RD	4TH	5TH
Check for loose bolts, nuts, or connections on the compressor and motor.					
Inspect the belt tension and condition; adjust or replace if necessary.					
Clean the external surfaces of the compressor to remove dust and debris.					
Check oil levels and top up if required (for lubricated compressors).					
Inspect hoses and fittings for wear, cracks, or leaks.					
Test the operation of the pressure switch and auto-drain system.					
Additional Task:					

Instructions:

- *Schedule weekly tasks to catch wear-and-tear issues before they escalate.*

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AIR COMPRESSOR PREVENTIVE MAINTENANCE CHECKLIST

(Check Monthly)

Monthly Maintenance Tasks

Date.....

TASK	STATUS
Replace or clean the air intake filter element.	
Inspect and tighten electrical connections.	
Check for oil leaks around the compressor and motor.	
Clean the cooler to ensure proper heat dissipation.	
Inspect and clean the separator element in oil-injected compressors.	
Verify that all gauges and indicators are accurate and operational.	
Additional Task:	

Instructions:

- *Perform monthly checks to ensure consistent performance and prevent system failures.*

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AIR COMPRESSOR PREVENTIVE MAINTENANCE CHECKLIST

(Check Quarterly)

Quarterly Maintenance Tasks

from ..... to .....

TASK	1ST	2ND	3RD	4TH
Change the compressor oil (for oil-lubricated models).				
Inspect and replace the oil filter if necessary.				
Check and clean the check valve and unloader valve.				
Inspect motor bearings for signs of wear and lubricate as needed.				
Conduct vibration analysis to detect any imbalances.				
Check the alignment of the drive motor and compressor coupling.				
Additional Task:				

Instructions:

- *Use quarterly tasks to maintain key components and avoid costly breakdowns.*

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AIR COMPRESSOR PREVENTIVE MAINTENANCE CHECKLIST

(Check Annually)

Annual Maintenance Tasks

Date .....

TASK	STATUS
Replace all filters, including air, oil, and separator filters.	
Perform a thorough inspection of the air receiver tank, including pressure testing.	
Clean the entire system, including pipework, to remove scale or debris.	
Inspect and calibrate pressure switches and safety relief valves.	
Replace belts and hoses if showing signs of significant wear.	
Schedule a professional service or audit to ensure optimal system performance.	
Additional Task:	

Instructions:

- *Conduct annual maintenance to reset the compressor to peak condition.*

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AIR COMPRESSOR PREVENTIVE MAINTENANCE CHECKLIST

Shutdown and Restart Maintenance

Date .....

TASK	STATUS
Inspect and clean the compressor before restarting after long shutdowns.	
Drain all condensation from tanks and lines.	
Check all safety devices and pressure relief valves for functionality.	
Recheck oil levels and refill as necessary.	
Conduct a test run and monitor for abnormal noises or vibrations.	
Confirm that system pressures stabilize within acceptable ranges.	
Additional Task:	

Instructions:

- *Follow these steps when restarting a compressor after a long period of inactivity.*

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AIR COMPRESSOR PREVENTIVE MAINTENANCE CHECKLIST

Documentation and Follow-Up

Date .....

TASK	STATUS
Record all maintenance tasks in a logbook for tracking and compliance.	
Document any parts replaced, including their serial numbers and purchase dates.	
Note unusual findings and schedule follow-ups for unresolved issues.	
Review manufacturer guidelines to ensure adherence to recommended intervals.	
Evaluate the overall condition of the compressor and plan for upgrades if needed.	
Additional Task:	

Instructions:

- *Use proper documentation to improve preventive maintenance programs and address recurring issues.*

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