



Condition Monitoring Checklist

18 Jul 2025 / Harry Jones

Complete

Score	18 / 23 (78.26%)	Flagged items	5	Actions	1
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Conducted on 18.07.2025

Prepared by Harry Jones

Location North Dakota, USA
(47.5514926, -101.0020119)

Machine Identification and Background

Machine Name Drilling Machine

Model and Year Haas DM-2/ 2016

Manufacturer Name Haas Automation, Inc.

Technical Specifications

1. Travels:
X-Axis: 711 mm (28 in)
Y-Axis: 406 mm (16 in)
Z-Axis: 394 mm (15.5 in)
2. Table:
Size: 864 mm x 381 mm (34 in x 15 in)
Max Weight on Table: 250 kg (550 lbs)

Serial Number DM2-162874-0X02

Last Maintenance Date 01.07.2025

Previous Repairs or Issues

Rusting on the sides

Flagged items & Actions

5 flagged, 1 action

Flagged items

5 flagged, 1 action

Condition Monitoring / Current Condition Check

Is the machine operating within the specified range for performance?

No

It's working slower

Condition Monitoring / Current Condition Check

Are there any visible signs of damage (e.g., cracks, dents, wear)?

No

dents on the sides

Condition Monitoring / Current Condition Check

Are there any visible leaks (e.g., oil, fluid, gas)?

No

Condition Monitoring / Data Summary

Were any additional data measured?

No

Condition Monitoring / Maintenance Recommendations

Is the machine in good working condition, requiring no further action (e.g., preventive maintenance, repairs)?

No

Will need maintenance each month

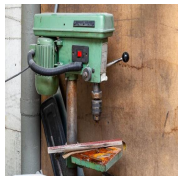


Photo 1

To do | Assignee: SafetyCulture Staff | Priority: Low | Due: 25.07.2025 14:21 PST | Created by: SafetyCulture Staff

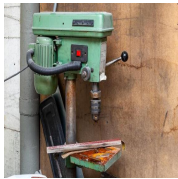
Monthly Check-in

Check if the rusting on the sides gets worse

Other actions

0 actions

Condition Monitoring		5 flagged, 1 action, 18 / 23 (78.26%)
Pre-Inspection and Planning		4 / 4 (100%)
Is the inspection scheduled during factory downtime to avoid production disruptions?		Yes
Is the machine and inspection area secure and safe?		Yes
Have the necessary personnel been assigned for this inspection?		Yes
Have safety procedures been reviewed and confirmed for this inspection?		Yes
Current Condition Check		3 flagged, 6 / 9 (66.67%)
Is the machine operating within the specified range for performance?		No
It's working slower		
Are all critical parts (e.g., motors, sensors, valves) functioning as intended?		Yes
Are all controls and switches working as expected?		Yes
Are all components secure and properly assembled?		Yes
Is the machine clean and free of debris?		Yes
Are there any visible signs of damage (e.g., cracks, dents, wear)?		No
dents on the sides		
Are there any visible leaks (e.g., oil, fluid, gas)?		No
Are safety labels and warning signs intact and visible?		Yes
Is the machine functioning correctly without unusual noises or vibrations?		Yes
Data Summary		1 flagged, 3 / 4 (75%)
Is the machine's vibration level within the specified limits?		Yes
Does the machine's temperature fall within the specified operating range?		Yes

Is the machine's pressure within the required operating range?	Yes
Were any additional data measured?	No
Check and Update Alarm Mechanisms	4 / 4 (100%)
Have alarm mechanisms been verified for proper function?	Yes
Are alarm mechanisms performing as intended?	Yes
Did the system operate without any fault notifications during the inspection?	Yes
Have alarms been re-calibrated if needed?	Yes
Maintenance Recommendations	1 flagged, 1 action, 1 / 2 (50%)
Is the machine in good working condition, requiring no further action (e.g., preventive maintenance, repairs)?	No
Will need maintenance each month	
	
Photo 1	
To do Assignee: SafetyCulture Staff Priority: Low Due: 25.07.2025 14:21 PST Created by: SafetyCulture Staff	
Monthly Check-in	
Check if the rusting on the sides gets worse	
Are all parts or components in good condition, without the need for replacement or cleaning?	Yes
Additional Comments	

Completion Page

When is the next scheduled inspection date?

01.08.2025

Inspector's Signature



Harry Jones
18.07.2025 14:20 PST

Supervisor's Signature (if applicable)

Media summary



Photo 1