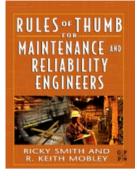
# MAINTENANCE UTILIZATION SURVEY CHECKLIST

# BY: RICKY SMITH, CMRP, CMRT, CRL









#### **Maintenance Utilization Survey Checklist**

#### by Ricky Smith CMRP, CMRT

How organizations utilize the time of their maintenance personnel.

This survey is conducted by Maintenance Personnel as they go about their day. Do not use with other personnel such as consultants or management. Remember, the problem with low personnel utilization in maintenance is a poor planning function and a poor scheduling function.

Give this sheet to 25% of your maintenance staff to complete each day for a week. Shift to another 25% the following week, and so on, until all maintenance personnel have identified the items that cause delays in their day.

After you have compiled your data, divide the number of hours worked into the number of hours "with a wrench in a maintenance person's hand".

5-7 days required for each maintenance person

Maintenance Person # \_\_\_\_\_ (no name or clock number)

Date: \_\_\_\_\_

Number of minutes identified in each of the following areas per day: (check a block for the

amount of minutes for each time a specific delay occurs) **1. Late Start** 

(Indirect Time)

5 Minutes				
10 Minutes				
15 Minutes				
20 Minutes	$\Box$			
30 Minutes			$\square$	$\square$
30 Plus				
Total:				







#### 2. Receiving Instructions

#### ( ) Indirect Time

[Definition of delay]

5 Minutes	
10 Minutes	
15 Minutes	
20 Minutes	
30 Minutes	
30 Plus	
Total:	

#### 3. Waiting for Permit (Indirect Time)

5 Minutes	
10 Minutes	
15 Minutes	
20 Minutes	
30 Minutes	
30 Plus	
Total:	







# 4. Waiting for Others (Indirect Time)

[Definition of delay]

5 Minutes			
10 Minutes			
15 Minutes			
20 Minutes			
30 Minutes	$\square$	$\square$	
30 Plus			
Total:			 

#### 5. Breaks and Lunch (Indirect Time)

5 Minutes			
10 Minutes			
15 Minutes			
20 Minutes			
30 Minutes	$\square$	$\square$	
30 Plus			
Total:		 	







6. Waiting on Operations or Production (Indirect Time)

[Definition of delay]

5 Minutes				
10 Minutes				
15 Minutes				
20 Minutes				
30 Minutes	$\square$	$\square$	$\square$	$\square$
30 Plus				
Total:				

#### 7. Obtaining Parts and Tools (Indirect Time)

5 Minutes			
10 Minutes			
15 Minutes			
20 Minutes			
30 Minutes	ΠĪ	Ē	
30 Plus			
Total:			







# 8. Waiting on Instructions (Indirect Time)

[Definition of delay]

5 Minutes				
10 Minutes				
15 Minutes				
20 Minutes				
30 Minutes	$\square$	Π		
30 Plus				
Total:				

#### 9. Idle Time at Job Site (Indirect Time)

5 Minutes	
10 Minutes	
15 Minutes	
20 Minutes	
30 Minutes	
30 Plus	
Total:	







#### 10. Coordination Delays (Indirect Time)

[Definition of delay]

5 Minutes					
10 Minutes					
15 Minutes					
20 Minutes					
30 Minutes	$\square$	Π	$\square$	$\square$	
30 Plus					
Total:					
IUldi.					

#### 11. Active Repair Time (Direct Time)

5 Minutes			
10 Minutes			
15 Minutes			
20 Minutes			
30 Minutes	$\square$		
30 Plus			
Total:			







Maintenance Utilization Survey Checklist

Total Indirect Time =
Total Direct Time =
Total % Indirect Time ÷
=(Total Indirect Time) (Total Hours)
otal % Direct Time
= = tal Direct Time) (Total Hours)
ate:
pervisor Signature:
pervisor Printed Name:

==Think about this;=4f-you wrench-time does-not meeting expectations then Maintenance=====

Planning and Scheduling is not effective, if your current wrench-time is at 10-20% and you apply "FORMAL PLANNING AND SCHEDULING" your wrench-time could increase 20-50%.



If you are interested in Planning and Scheduling Training go to: https://worldclassmaintenance.org/









### #1 Software for Maintenance & Reliability Teams

UpKeep is a service-first company that builds software designed to make maintenance easier for technicians and managers everywhere. Reduce downtime up to 18% by switching over to a preventative maintenance solution!

www.upkeep.com

### **Our Products**

Optimize Contract Contrac

### Mobile-first maintenance management and collaboration across all location, assets, and teams

With nearly 340 different machines in our work environment, it's an impossible task to manually assign and track PM's. With UpKeep we can schedule regular maintenance without overlapping tasks with other critical jobs."

#### ★ ★ ★ ★ ★ Paul D, Health and Safety Coordinator



### An end-to-end solution for remote condition-based monitoring



Work Orders

4/13/20

4/12/20

🔅 UpKeep

IVAC Monthly Preventive Jaintenance - AC

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Connected and secure IoT sensors for real-time remote condition asset monitoring



#### Integrated & Centralized Data Ecosystem for World Class Asset Operations

The only purpose built Asset Data Platform. Asset Focused ELT Solution for advanced analytics and integrated, real-time asset data.

## The Maintenance Community Coalition was founded on the belief that working together will benefit everyone within our community

Committed to helping each other thrive in our individual professional journeys by sharing resources and expertise, granting scholarships, hosting events, and unlocking knowledge – always at no cost.

