


SYSTEMS LIFESPAN CHECKLIST

Location:

Date:

 11011 Q ST., STE. 103C OMAHA, NE 68137

UNINTERRUPTABLE POWER SUPPLY

	Name/Model #	Serial #	Tag #	Age	Capacity %	Load (KW)	PM Done
1							
2							
3							
4							
5							
6							
7							

Are any of your UPS' >15 years old?

Yes No

Are any of your UPS' at >80% capacity?

Yes No

Are you needing to plug in more items to your UPS'?

Yes No

Have you experienced any runtime issues?

Yes No

Have any UPS' crashed within the last year?

Yes No

Additional Comments:

If you answered YES to any of the above questions, you may need to consider preventative maintenance and/or replacing the unit.

Contact the PTI Engineering Team, engineering@ptisolutions.com to learn about UPS solutions for your critical facility.



EXTERNAL BATTERY MODULES

	Name/Model #	Serial #	Tag #	Age	PM Done
1					
2					
3					
4					
5					
6					
7					
8					

Are any of your EBM's 3-5 years old?

Yes No

Have you experienced any runtime issues?

Yes No

Has a UPS or EBM crashed in the last year?

Yes No

Do any of the EBM's overheat?

Yes No

Do any EBM's have wavy exteriors or show signs of warping?

Yes No

If you answered YES to any of the above questions, you may need to consider preventative maintenance and/or replacing batteries.

Contact the PTI Engineering Team, engineering@ptisolutions.com to learn about EBM solutions for your critical facility.



GENERATORS

	Name/Model #	Serial #	Tag #	Age	PM Done
1					
2					
3					
4					

- Are any of your generators >15 years old? Yes No
- Have your generators crashed within the last year? Yes No
- Has your transfer switch dropped a load? Yes No
- Has your runtime shortened? Yes No
- Are you currently using a Manual Transfer Switch? Yes No

Additional Comments:

If you answered YES to any of the above questions, you may need to consider preventative maintenance and/or replacing your generators.

Contact the PTI Engineering Team, engineering@ptisolutions.com to learn about generator solutions for your critical facility.



BATTERIES

String	Name/Model #	# of Batteries/String	Age	PM Done
1				
2				
3				
4				
5				
6				
7				
8				

- Are any of your batteries 3-5 years old? Yes No
- Have you experienced any runtime issues? Yes No
- Have you dropped a load in the last year? Yes No
- Have you experienced overheating? Yes No
- Have you had any thermal runaway concerns? Yes No
- Do any EBM's have wavy exteriors or show signs of warping? Yes No

If you answered YES to any of the above questions, you may need to consider preventative maintenance and/or replacing batteries.

Contact the PTI Engineering Team, engineering@ptisolutions.com to learn about battery solutions for your critical facility.



BATTERY MONITORING

- | | | |
|--|------------------------------|-----------------------------|
| Have you experienced overheating? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Have you had any thermal runaway concerns? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Are your batteries being replaced every 3 years? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Are your batteries running at max efficiency? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Would you like to monitor each individual battery? | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

Additional Comments:

If you answered YES to any of the above questions, you may need to consider preventative maintenance and/or a battery monitoring system.

Contact the PTI Engineering Team, engineering@ptisolutions.com to learn about battery monitoring solutions for your critical facility.



LEAK DETECTION

System Name:

Location:

Install Date:

Model #/Serial #

Have you performed preventative maintenance within a year?

Yes No

Have you conducted a water test?

Yes No

Has the cabling been inspected within the last year?

Yes No

Have you scheduled preventative maintenance?

Yes No

Is your environment a clean or dirty area?

Clean Dirty

If clean, have you replaced cabling in 2-4 years?

Yes No

If dirty, have you replaced cabling in 1-2 years?

Yes No

Additional Comments:

If you answered **NO to any of the above questions, you may need to consider preventative maintenance and/or replacement.**

Contact the PTI Engineering Team, engineering@ptisolutions.com to learn about leak detection solutions for your critical facility.



MONITORING SOFTWARE

System Name:

Location:

Install Date:

Model #/Serial #

IP Address:

Have you performed required updates?

Yes No

Are you receiving the data you need?

Yes No

Is the software communicating to all devices?

Yes No

Are the reporting features meeting your needs?

Yes No

Have you done a user audit?

Yes No

Have you done a device audit?

Yes No

Are there any features that you wished you had?

What features do you use the most?

Additional Comments:

If you answered **NO to any of the above questions, you may need to consider a software upgrade or software change.**

Contact the PTI Engineering Team, engineering@ptisolutions.com to learn about monitoring software for your critical facility.



OVERALL RECOMMENDATIONS

