

HILLSBOROUGH COUNTY SHERIFF'S OFFICE

TOSHIBA UPS

CHECKS AND TEST DATA

SITE NAME: _____
DATE: _____
TECHNICIAN: _____

S.O. No. _____
RACK No. _____

UPS SYSTEM

MANUFACTURER: _____
SERIES: _____
RATING: _____

MODEL No. _____
SERIAL No. _____
PHASES: _____

(Included, but not limited to the following:)

DESCRIPTION OF UPS CHECKS	UPS CHECKS	REMARKS & RECOMMENDATIONS
Battery Visual Checks (Y= no case distortion)		
Battery Leakage Checks (Y= put battery location in remarks)		
Battery Corrosion Check & Cleaning (Y=ok or cleaned)		
Record System Float Charging Voltage		
Record Individual Units Float Charging Voltage		
Record Battery String for Trending Over Time		
Battery String Voltage @ 10 minutes		
Battery String Voltage @ 20 minutes		
Battery String Voltage @ 30 minutes		
Battery String Voltage @ 60 minutes		
Re-Torque All Inter-Battery Connecting Hardware		
Re-Torque All Power Connections		
Check Input AC Voltage (Volts)		
Check and Set Output AC Voltage (Volts)		
Check Internal Bypass Switch Operation		
Check External Bypass Switch Operation		
Check All External Alarm Outputs		
Check ALL Internal Alarm Functions		
Check All Display Readings		
Inspect Power fuses		
Inspect Battery string fuses		
Inspect input/output circuit breakers		
Inspect inverter fuses		
Clean inside and outside of UPS Systems		
Inspect Cooling Fans		
Monitor Cooling Fan bearing noise and vibration		
Inspect All Aluminum Electrolytic Capacitors for leakage		

TEST EQUIPMENT:

MODEL No: _____
MODEL No: _____

SERIAL No. _____
SERIAL No. _____

HILLSBOROUGH COUNTY SHERIFF'S OFFICE

TOSHIBA UPS

BATTERY PLOT DATA - 3 PHASE

SITE NAME: _____
 DATE: _____
 TECHNICIAN: _____

S.O. No: _____
 RACK No: _____

UPS SYSTEM
 MANUFACTURER: _____
 SERIES: _____
 RATING: _____

MODEL No.: _____
 SERIAL No: _____
 PHASES: _____

Voltage After	
1 Min	
2 Min	
3 Min	
4 Min	
5 Min	
6 Min	
7 Min	
8 Min	
9 Min	
10 Min	
11 Min	
12 Min	
13 Min	
14 Min	
15 Min	
16 Min	
17 Min	
18 Min	
19 Min	
20 Min	

Voltage After	
21 Min	
22 Min	
23 Min	
24 Min	
25 Min	
26 Min	
27 Min	
28 Min	
29 Min	
30 Min	
31 Min	
32 Min	
33 Min	
34 Min	
35 Min	
36 Min	
37 Min	
38 Min	
39 Min	
40 Min	

Voltage After	
41 Min	
42 Min	
43 Min	
44 Min	
45 Min	
46 Min	
47 Min	
48 Min	
49 Min	
50 Min	
51 Min	
52 Min	
53 Min	
54 Min	
55 Min	
56 Min	
57 Min	
58 Min	
59 Min	
60 Min	

OUTPUT VOLTAGE		
A to N		V
B to N		V
C to N		V

LOAD AT TEST		
A		A
B		A
C		A

SYSTEM		
Float		V
Low Bat		V
Shutdown		V

TEST EQUIPMENT:
 MODEL No: _____
 MODEL No: _____

SERIAL No: _____
 SERIAL No: _____

HILLSBOROUGH COUNTY SHERIFF'S OFFICE

TOSHIBA UPS

BATTERY PLOT DATA - SINGLE PHASE

SITE NAME: _____
 DATE: _____
 TECHNICIAN: _____

S.O. No: _____
 RACK No: _____

UPS SYSTEM
 MANUFACTURER: _____
 SERIES: _____
 RATING: _____

MODEL No.: _____
 SERIAL No: _____
 PHASES: _____

Voltage After	
1 Min	
2 Min	
3 Min	
4 Min	
5 Min	
6 Min	
7 Min	
8 Min	
9 Min	
10 Min	
11 Min	
12 Min	
13 Min	
14 Min	
15 Min	
16 Min	
17 Min	
18 Min	
19 Min	
20 Min	

Voltage After	
21 Min	
22 Min	
23 Min	
24 Min	
25 Min	
26 Min	
27 Min	
28 Min	
29 Min	
30 Min	
31 Min	
32 Min	
33 Min	
34 Min	
35 Min	
36 Min	
37 Min	
38 Min	
39 Min	
40 Min	

Voltage After	
41 Min	
42 Min	
43 Min	
44 Min	
45 Min	
46 Min	
47 Min	
48 Min	
49 Min	
50 Min	
51 Min	
52 Min	
53 Min	
54 Min	
55 Min	
56 Min	
57 Min	
58 Min	
59 Min	
60 Min	

OUTPUT VOLTAGE		
L1		V
L2		V

LOAD AT TEST		
L1		A
L2		A

SYSTEM		
Float		V
Low Bat		V
Shutdown		V

TEST EQUIPMENT:
 MODEL No: _____
 MODEL No: _____

SERIAL No: _____
 SERIAL No: _____