

**Pharmacy Information System (PhIS)  
and  
Clinic Pharmacy System (CPS)**

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**Klinik Kesihatan Kuang**

**JKN SELANGOR  
(ZONE 10)**

**1<sup>ST</sup> Preventive Maintenance Report**

<b>P.M. Date</b>	<b>23 JAN 2018</b>
<b>Report ID</b>	<b>PM/REPORT/Z10/KKKUANG</b>
<b>Report Version</b>	<b>V1.0</b>



PhIS & CPS PROJECT



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**Revision History:**

Ver. No	Date of Release	Consolidated by	List of Changes from Previous Version	Signature & Date
1.0	23/01/2018	Muhamad Anas Bin Ramlan	Initial document	 MUHAMMAD ANAS BIN RAMLAN Field Technical Engineer Pharmaniaga Logistics Sdn. Bhd. 23/1/18

**Verified and Acknowledged by facility:**

Received / Acknowledged by facility	
Name	
Signature / Company Stamp	 OMEMAH BT MAHMUD Pegawai Farmasi Klinik Kesihatan Kuang
Designation / Department	
Date	23/1/2018



PHIS & CPS PROJECT



## **Appendix A**

# **Certificate of Acceptance**

## EXECUTION OF PREVENTIVE MAINTENANCE

**Project: PHIS & CPS**

**1<sup>st</sup> Preventive Maintenance (2018)**

**For**

**Klinik Kesihatan Kuang**

Summary findings for Preventive Maintenance conducted on 23/01/2018:

No	Item	Allocated Quantity	Serviced Quantity	Remarks
1	Desktop	3	3	
2	LaserJet Printer	1	1	
3	Thermal Printer	2	2	
4	Switch	1	1	
5	Server	1	1	
6	UPS	1	1	

Signature & Stamp:

<u>For PLSB</u>	<u>For Facility</u>
<div style="text-align: center;">   <b>MUHAMMAD ANAS BIN RAMLAN</b>                      Field Technical Engineer                      Pharmaniaga Logistics Sdn. Bhd.                      23/1/18                 </div> <p>Name:</p> <p>Designation:</p> <p>Date:</p>	<div style="text-align: center;">   <b>OMEMAH BT MAHMUD</b>                      Pegawai Farmasi                      Klinik Kesihatan Kuang                      23/1/18                 </div> <p>Name:</p> <p>Designation:</p> <p>Date:</p>



PhIS & CPS PROJECT



## Appendix B

# Preventive Maintenance Checklist

**PREVENTIVE MAINTENANCE CHECKLIST  
( SERVER / UPS / STORAGE )**

(FORM 2)

FACILITY : **KLINIK KESIHATAN KUANG**      DEPT : **IT**      LOCATION : **OUTPATIENT PHARMACY**  
 STATE : **SELANGOR**      ZONE : **10**

	SERVER 1	SERVER 2	UPS
PAT ID :	CPS/SEL-08/KKS-08/SVR-001		CPS/SEL-08/KKS-08/UPS-001
SERIAL NO :	06FKKYYV		152080344SAF413
MODEL :	IBM X3500 M5		LIEBERT GXT3-1000R7230

If Alert is tick (✓), fill in & elaborate details in FINDINGS / COMMENTS / DETECTION session.

**PART I - HARDWARE, CABLING & CONNECTIVITY (INSPECTION & PHYSICAL CHECK)**

Standard Task:	SERVER 1		SERVER 2		UPS	
	Function	Not Function & Resolved	Function	Not Function & Unresolved	Function	Not Function & Unresolved
Cleaning	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Verify Condition :						
Connection via LAN / USB	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Fan/ Power Supply	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
Light Path Diagnosis panel	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
UTP Cable connect to switch	<input checked="" type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
HA Gateway to Core Switch <i>(For Hospital only)</i>	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	

Function	Not Function & Resolved	Alert	Ticket No
By pass Test	<input type="checkbox"/>	<input type="checkbox"/>	
Webcard	<input type="checkbox"/>	<input type="checkbox"/>	
Multilink	<input type="checkbox"/>	<input type="checkbox"/>	

Available	Type	Facility	Qty

**PART II - SETUP & HEALTH CHECK**

Function	Not Function & Unresolved	
	Alert	Ticket No
Run DSA & collect DSA Log	<input type="checkbox"/>	
SERVER 1	<input type="checkbox"/>	
SERVER 2	<input type="checkbox"/>	

**Software/Firmware Version :**

Current	Updated
ClamAV	
Zabbix	
Bacula	
Glassfish	
UEFI	
IMM2	

SERVER 2	
Current	Updated

**System Software**  
SUSE LINUX (OS)  
Kernel  
GCC

**Housekeeping:**

Clear /tmp folder > 2 weeks   
Archive Log Files

SERVER 2	
Current	Updated

SERVER 2	
Screenshot / attachment	

N/A

**PREVENTIVE MAINTENANCE CHECKLIST  
( SERVER / UPS / STORAGE )**

(FORM 2)

PAT ID : \_\_\_\_\_  
 SERIAL NO: \_\_\_\_\_  
 TYPE : \_\_\_\_\_ STORAGE

M/A

Function	Not Function & Resolved		Not Function & Unresolved	
	Alert	Ticket No	Alert	Ticket No
<input type="checkbox"/> Storage Manager Error Alerts	<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/> Storage events logs	<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/> HDD indicator lights	<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/> Enable read/write cache	<input type="checkbox"/>		<input type="checkbox"/>	
<input type="checkbox"/> Enable Media Scan both at controller level and LUN level	<input type="checkbox"/>		<input type="checkbox"/>	

Software/Firmware Version :  
 Controller  
 ESM  
 Driver

Current	Updated

**PART IV - FINDINGS / ALERTS / DETECTION**

**PART V - ACKNOWLEDGEMENT**

**CUSTOMER**

Signature & Stamp  
 Customer Name  
 Date

**OMEMAH BT MAHMUD**  
 Pegawai Farmasi  
 Klinik Kesihatan K...

23/1/18

**PHARMANIAGA LOGISTICS SDN BHD (PLSB)**

Signature & Stamp  
 Engineer Name  
 Date

**MUHAMMAD ANAS BIN RAMLAN**  
 Field Technical Engineer  
 Pharmaniaga Logistics Sdn. Bhd.

25/1/18

**FURTHER ACTION / RECOMMENDATION**

**PREVENTIVE MAINTENANCE CHECKLIST,  
( CORE SWITCH / DISTRIBUTION SWITCH)**

(FORM 3)

FACILITY : KLINIK KESIHATAN KUANG      DEPT : IT      LOCATION :      STATE : SELANGOR      ZONE : 10

**CORE-SWITCH / DISTRIBUTION SWITCH**

Location : Bilik Rawatan 12

Loaned     Unlocated     Relocated

PAT ID : CPS/SEL-08/KKS-08/DSW-001  
SERIAL NO: DNI19240CPQ

PART I - STANDARD TASK	PART II - STANDARD HEALTH CHECK			PART III - STANDARD SETUP	
	Function	Not Function & Resolved	Alert	Not Function & Unresolved	Ticket No
<input checked="" type="checkbox"/> <b>Cleaning</b> Verify Condition : Cable & Connection Power Supply Check LED Status System LED Master LED STACK ID	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

PAT ID :      SERIAL NO:      Location :      Loaned     Unlocated     Relocated

PART I - STANDARD TASK	PART II - STANDARD HEALTH CHECK			PART III - STANDARD SETUP	
	Function	Not Function & Resolved	Alert	Not Function & Unresolved	Ticket No
<input type="checkbox"/> <b>Cleaning</b> Verify Condition : Cable & Connection Power Supply Check LED Status System LED Master LED STACK ID	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

PART IV - FINDINGS / COMMENTS / DETECTION

FURTHER ACTION / RECOMMENDATION

PART V - ACKNOWLEDGEMENT	CUSTOMER
Signature & Stamp	PHARMANIAGA LOGISTICS SDN BHD (PLSB) Signature & Stamp Engineer Name Date
Customer Name	MUHAMMAD AVAS BIN RAMLAN Field Technical Engineer Pharmaniaga Logistics Sdn. Bhd. 23/1/18
Date	23/1/18

PREVENTIVE MAINTENANCE CHECKLIST  
( DEVICE )

FACILITY : **KLINIK KESIHATAN KUANG** DEPT : **OUTPATIENT PHARMACY** LOCATION : **SELANGOR** ZONE : **10**

PAT ID : **CPS/SEL-08/KKS-08/PCD-001** DEPT : **OUTPATIENT PHARMACY** LOCATION : **SELANGOR** ZONE : **10**  
 S/N CPU : **PC05FLKJ** MONITOR : **V901EWE** KEYBOARD : **0001884** MOUSE : **H5515HA17W3** Location : **Procurement, Receiving, Distribution** **MTAC**  
 Relocated :  Unlocated :  Loaned :

**PART I - STANDARD TASK** N/A

**Verify Condition :**  
 Connection via LAN / USB   
 Fan/ Power Supply/ Charger   
**Hard Disk Utilization (GB) :**  
 1st Partition   
 2nd Partition

**MEMORY :** 2 GB  4 GB

**PART II - STANDARD HEALTH CHECK** N/A

Function	Not Function & Resolved	Alert	Ticket No
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Used	Free	Alert	Ticket No
115	125	<input type="checkbox"/>	
77-1	135	<input type="checkbox"/>	

**Verification:**  
 IWP   
 KYM   
 PhIS Portal

**Auto update disabled:**  
 (a) Java (JKD 6 update 30)   
 (b) Internet Explorer 9 (64bits)   
 ClamAV - Ver 0.99.1   
 Microsoft Office   
 BCP (BCP PC only)   
 Backup PC (Bacula Web)

**PART III - STANDARD SETUP** N/A

Function	Not Function & Resolved	Current Version	Updated Version
<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		

PAT ID : **CPS/SEL-08/KKS-08/PCD-002** DEPT : **OUTPATIENT PHARMACY** LOCATION : **SELANGOR** ZONE : **10**  
 S/N CPU : **PC05FLOO** MONITOR : **V901ERMM** KEYBOARD : **0000898** MOUSE : **H5515HA17AY** Location : **Screening, Verification, Labelling, Dispensing**  
 Relocated :  Unlocated :  Loaned :

**PART I - STANDARD TASK** N/A

**Verify Condition :**  
 Connection via LAN / USB   
 Fan/ Power Supply/ Charger   
**Hard Disk Utilization (GB) :**  
 1st Partition   
 2nd Partition

**MEMORY :** 2 GB  4 GB

**PART II - STANDARD HEALTH CHECK** N/A

Function	Not Function & Resolved	Alert	Ticket No
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Used	Free	Alert	Ticket No
115	125	<input type="checkbox"/>	
77-1	135	<input type="checkbox"/>	

**Verification:**  
 IWP   
 KYM   
 PhIS Portal

**Auto update disabled:**  
 (a) Java (JKD 6 update 30)   
 (b) Internet Explorer 9 (64bits)   
 ClamAV - Ver 0.99.1   
 Microsoft Office   
 BCP (BCP PC only)   
 Backup PC (Bacula Web)

**PART III - STANDARD SETUP** N/A

Function	Not Function & Resolved	Current Version	Updated Version
<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		

PAT ID : **CPS/SEL-08/KKS-08/PCD-003** DEPT : **OUTPATIENT PHARMACY** LOCATION : **SELANGOR** ZONE : **10**  
 S/N CPU : **PC05FLKH** MONITOR : **V901ERN5** KEYBOARD : **0000868** MOUSE : **H5515HA157J** Location : **Prepack**  
 Relocated :  Unlocated :  Loaned :

**PART I - STANDARD TASK** N/A

**Verify Condition :**  
 Connection via LAN / USB   
 Fan/ Power Supply/ Charger   
**Hard Disk Utilization (GB) :**  
 1st Partition   
 2nd Partition

**MEMORY :** 2 GB  4 GB

**PART II - STANDARD HEALTH CHECK** N/A

Function	Not Function & Resolved	Alert	Ticket No
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Used	Free	Alert	Ticket No
115	124	<input type="checkbox"/>	
75-6	135	<input type="checkbox"/>	

**Verification:**  
 IWP   
 KYM   
 PhIS Portal

**Auto update disabled:**  
 (a) Java (JKD 6 update 30)   
 (b) Internet Explorer 9 (64bits)   
 ClamAV - Ver 0.99.1   
 Microsoft Office   
 BCP (BCP PC only)   
 Backup PC (Bacula Web)

**PART III - STANDARD SETUP** N/A

Function	Not Function & Resolved	Current Version	Updated Version
<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/>	<input type="checkbox"/>		

PREVENTIVE MAINTENANCE CHECKLIST  
( DEVICE )

FACILITY : **KLINIK KESIHATAN KUANG** DEPT : **PHARMACY** LOCATION : **OUTPATIENT** STATE : **SELANGOR** ZONE : **10**

PAT ID : CPS/SEL-08/KKS-08/THP-001  
 S/N THP : 2305K000416  
 MONITOR : N/A  
 KEYBOARD : N/A  
 MOUSE : N/A

**DESKTOP / NOTEBOOK / LASERJET / THERMAL-PRINTER**  
 Location : Screening, Verification, Labelling, & Dispensing  
 Relocated :  Unlocated :  Loaned :

PART I - STANDARD TASK		PART II - STANDARD HEALTH CHECK		PART III - STANDARD SETUP			
Yes	No	Function	Not Function & Resolved	Function	Not Function & Resolved	Function	Not Function & Resolved
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verify Condition : Connection via LAN / USB	Alert <input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Fan/ Power Supply/ Charger	Ticket No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Hard Disk Utilization (GB) :	Alert <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	1st Partition	Free <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	2nd Partition	Ticket No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	MEMORY : 2 GB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	4 GB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Verification: IWP, KYM, PhIS Portal  
 Auto update disabled: (a) Java (JDK 6 update 30), (b) Internet Explorer 9 (64bits), ClamAV - Ver 0.99.1, Microsoft Office, BCP (BCP PC only), Backup PC (Bacula Web)

Location : Prepack  
 Relocated :  Unlocated :  Loaned :

PAT ID : CPS/SEL-08/KKS-08/THP-002  
 S/N THP : 2305N001153  
 MONITOR : N/A  
 KEYBOARD : N/A  
 MOUSE : N/A

**DESKTOP / NOTEBOOK / LASERJET / THERMAL-PRINTER**  
 Location : Prepack  
 Relocated :  Unlocated :  Loaned :

PART I - STANDARD TASK		PART II - STANDARD HEALTH CHECK		PART III - STANDARD SETUP			
Yes	No	Function	Not Function & Resolved	Function	Not Function & Resolved	Function	Not Function & Resolved
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verify Condition : Connection via LAN / USB	Alert <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Fan/ Power Supply/ Charger	Ticket No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Hard Disk Utilization (GB) :	Alert <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	1st Partition	Free <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	2nd Partition	Ticket No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	MEMORY : 2 GB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	4 GB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Verification: IWP, KYM, PhIS Portal  
 Auto update disabled: (a) Java (JDK 6 update 30), (b) Internet Explorer 9 (64bits), ClamAV - Ver 0.99.1, Microsoft Office, BCP (BCP PC only), Backup PC (Bacula Web)

Location : Prepack  
 Relocated :  Unlocated :  Loaned :

PAT ID : CPS/SEL-08/KKS-08/LIP-001  
 S/N CPU : 451457LM2GMLT  
 MONITOR : N/A  
 KEYBOARD : N/A  
 MOUSE : N/A

**DESKTOP / NOTEBOOK / LASERJET / THERMAL-PRINTER**  
 Location : Procurement, Receiving, Distribution, MTAC  
 Relocated :  Unlocated :  Loaned :

PART I - STANDARD TASK		PART II - STANDARD HEALTH CHECK		PART III - STANDARD SETUP			
Yes	No	Function	Not Function & Resolved	Function	Not Function & Resolved	Function	Not Function & Resolved
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Verify Condition : Connection via LAN / USB	Alert <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Fan/ Power Supply/ Charger	Ticket No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Hard Disk Utilization (GB) :	Alert <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	1st Partition	Free <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	2nd Partition	Ticket No	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	MEMORY : 2 GB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	4 GB	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Verification: IWP, KYM, PhIS Portal  
 Auto update disabled: (a) Java (JDK 6 update 30), (b) Internet Explorer 9 (64bits), ClamAV - Ver 0.99.1, Microsoft Office, BCP (BCP PC only), Backup PC (Bacula Web)

Location : Procurement, Receiving, Distribution, MTAC  
 Relocated :  Unlocated :  Loaned :

PREVENTIVE MAINTENANCE CHECKLIST  
( DEVICE )

FACILITY : **KLINIK KESIHATAN KUANG** DEPT : **OUTPATIENT PHARMACY** LOCATION : **STATE : SELANGOR** ZONE : **10**

DESKTOP / NOTEBOOK / LASERJET / THERMAL-PRINTER

PAT ID : \_\_\_\_\_ MONITOR :  N/A  N/A  N/A

S/N CPU : \_\_\_\_\_ KEYBOARD :  Unlocked  Relocated  Location : \_\_\_\_\_

PART I - STANDARD TASK		PART II - STANDARD HEALTH CHECK		PART III - STANDARD SETUP	
Yes	No	Function	Not Function & Resolved	Function	Not Function & Resolved
<input type="checkbox"/>	<input type="checkbox"/>	Verify Condition : Connection via LAN / USB	Alert <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Fan/ Power Supply/ Charger	Ticket No	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Hard Disk Utilization (GB) :	Alert <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	1st Partition	Free <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	2nd Partition	Ticket No	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	MEMORY : 2 GB	Alert <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	4 GB	Free <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Auto update disabled:  
 (a) Java (JDK 6 update 30)   
 (b) Internet Explorer 9 (64bits)   
 ClamAV - Ver.0.99.1   
 Microsoft Office   
 BCP (BCP PC only)   
 Backup PC (Bacula Web)

Verification:  
 IWP   
 KYM   
 PhIS Portal

Keyboard:  Unlocked  Relocated  Location: \_\_\_\_\_

DESKTOP / NOTEBOOK / LASERJET / THERMAL-PRINTER

PAT ID : \_\_\_\_\_ MONITOR :  N/A  N/A  N/A

S/N CPU : \_\_\_\_\_ KEYBOARD :  Unlocked  Relocated  Location : \_\_\_\_\_

PART I - STANDARD TASK		PART II - STANDARD HEALTH CHECK		PART III - STANDARD SETUP	
Yes	No	Function	Not Function & Resolved	Function	Not Function & Resolved
<input type="checkbox"/>	<input type="checkbox"/>	Verify Condition : Connection via LAN / USB	Alert <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Fan/ Power Supply/ Charger	Ticket No	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Hard Disk Utilization (GB) :	Alert <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	1st Partition	Free <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	2nd Partition	Ticket No	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	MEMORY : 2 GB	Alert <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	4 GB	Free <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Auto update disabled:  
 (a) Java (JDK 6 update 30)   
 (b) Internet Explorer 9 (64bits)   
 ClamAV - Ver.0.99.1   
 Microsoft Office   
 BCP (BCP PC only)   
 Backup PC (Bacula Web)

Verification:  
 IWP   
 KYM   
 PhIS Portal

Keyboard:  Unlocked  Relocated  Location: \_\_\_\_\_

FURTHER ACTION / RECOMMENDATION

PART IV - FINDINGS / ALERTS / DETECTION

PART V - ACKNOWLEDGEMENT

CUSTOMER

Signature & Stamp  
**OMEMAH BT MAHMUD**  
 Pegawai Farmasi  
 Klinik Kesihatan Kuang

Signature & Stamp  
**MUHAMMAD AWAS BIN RAMLAN**  
 Field Technical Engineer  
 Pharmaniaga Logistics Sdn. Bhd.

Date: 23/1/18



PhIS & CPS PROJECT



## Appendix C

# Hardware Inventory List



**Hardware Inventory List**

List of equipment available in the facility as per below table:

**1. PCD**

No	CPU	MONITOR	KEYBOARD	MOUSE	ASSET TAGGING	DEPARTMENT	LOCATION
1	PC05FL3J	V901EVKE	0001884	H5515HA1HW3	CPS/SEL-08/KKS-08/PCD-001	Outpatient Pharmacy	Procurement, Receiving, Distribution & MTAC
2	PC05FL00	V901ERMM	0000898	H5515HA1PAY	CPS/SEL-08/KKS-08/PCD-002	Outpatient Pharmacy	Screening, Verification, Labelling, & Dispensing
3	PC05FLKH	V901ERN5	0000868	H5515HA157J	CPS/SEL-08/KKS-08/PCD-003	Outpatient Pharmacy	Prepack

**2. THERMAL PRINTER**

No.	TOSHIBA S/N	ASSET TAGGING	DEPARTMENT	LOCATION
1	2305K000416	CPS/SEL-08/KKS-08/THP-001	Outpatient Pharmacy	Screening, Verification, Labelling, & Dispensing
2	2305N001153	CPS/SEL-08/KKS-08/THP-002	Outpatient Pharmacy	Prepack

**3. LASERJET PRINTER**

No.	LEXMARK S/N	ASSET TAGGING	DEPARTMENT	LOCATION
1	451457LM2GMLT	CPS/SEL-08/KKS-08/LJP-001	Outpatient Pharmacy	Procurement, Receiving, Distribution, MTAC

**4. SWITCH**

No.	SWTICH S/N	ASSET TAGGING	DEPARTMENT	LOCATION
1	DNI19240CPQ	CPS/SEL-08/KKS-08/DSW-001	Outpatient Pharmacy	Bilik Rawatan 12

**5. SERVER**

No.	SERVER S/N	ASSET TAGGING	DEPARTMENT	LOCATION
1	06FKXV	CPS/SEL-08/KKS-08/SVR-001	Outpatient Pharmacy	Outpatient Pharmacy

**6. UPS**

No.	UPS S/N	ASSET TAGGING	DEPARTMENT	LOCATION
1	1520803445AF413	CPS/SEL-08/KKS-08/UPS-001	Outpatient Pharmacy	Outpatient Pharmacy