



G-SITE® and Passport® POS Systems

Okidata® LED Laser Printer (PA034000XX) Installation and User Instructions

Computer Programs and Documentation

All Gilbarco Inc. and/or Veeder Root Company computer programs (including software on diskettes and within memory chips) and documentation are copyrighted by, and shall remain the property of, Gilbarco Inc. and/or Veeder Root Company. Such computer programs and documents may also contain trade secret information. The duplication, disclosure, modification, or unauthorized use of computer programs or documentation is strictly prohibited, unless otherwise licensed by Gilbarco Inc. and/or Veeder Root Company.

Federal Communications Commission (FCC) Warning

This equipment has been tested and found to comply with the limits for a Class A digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense. Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment.

Approvals

Gilbarco is an ISO 9001:2000 registered company.

Underwriters Laboratories (UL):

U L File#	Products listed with U L
MH1941	All Gilbarco pumps and dispensers that bear the UL listing mark.
MH8467	Transac System 1000 and PAM 1000
E105106	Dell DHM Minitower
E165027	G-SITE and Passport Systems

New York City Fire Department (NYFD):

NYFD C of A #	Product
4805	The Advantage Series and Legacy Series
4986	Encore and Eclipse

California Air Resources Board (CARB):

Executive Order #	Product
G-70-52-AM	Balance Vapor Recovery
G-70-150-AE	VaporVac

National Conference of Weights and Measures (NCWM) - Certificate of Conformance (CoC):

Gilbarco pumps and dispensers are evaluated by NCWM under the National Type Evaluation Program (NTEP). NCWM has issued the following CoC:

CoC#	Product	Model #	CoC#	Product	Model #	CoC#	Product	Model #
02-019	Encore	Nxx	02-026	H111B Series	AC, RAC	02-034	External Mount CRIND	CECXXXXXXX
02-020	Eclipse	Exx		MPD-1 Series	AN, RAN	02-035	Dimension	Dxx
02-021	T-12C Console	PA0188, RA0188	02-027	Fixed Blender	AF, RAF, AG, RAG	02-037	Legacy	Jxxx
	T-12C Console	PA0203, RA0203		Dispenser - Low Profile	AR, RAR		G-SITE Printer (Epson)	PA0307
02-022	T-12G Console	PA0180, RA0180	02-028	Indoor Card	Q11640		G-SITE Distribution Box	PA0306
02-023	T-15 Console	PA0189		Outdoor Card	Q11891		G-SITE Keyboard	PA0304
	T-15 Controller C2	PA0211	02-029	CRIND	—		G-SITE Mini Tower	PA0301
02-024	T-15 Controller	PA0190	02-030	TS-1000 Console	PA0240		G-SITE Monitor	PA0303
	ProBlender	AU, RAU		TS-1000 Controller	PA0241		G-SITE Printer (Citizen)	PA0308
	Precision Blender	AE, RAE		Distribution Box	PA0242	02-038	C+ Meter	T19976
	Dispenser - Standard	AK, RAK		Micro-T Console	PA0250	02-039	Passport	PA0324
	Dispenser - Low Profile	AL, RAL		Meter - EC Series	PA024EC10	02-040	Ecometer	T20453
	Fixed Blender	AP, RAF		VaporVac Kits	CV			
02-025	Meter - C Series	PA024NC10	02-031	The Advantage Series	Bxx, RBxx			
	Meter - C Series	PA024TC10	02-032	Trimline Series	AA, RAA			
	Salesmaker ProBlender	AB, RAB	02-033	Meter - C Series	PA024XC10			
99-165	Salesmaker Series 2/2H/4/4A	AM		MPD-A3 Series	AD, RAD			

Patents

Gilbarco Inc. products are manufactured or sold under one or more of the following US patents:

Dispensers

4,566,504	4,556,927	4,570,686	4,687,033	4,728,788	4,748,846	4,799,940	4,805,453	4,876,653	4,890,210	4,913,813	4,930,655	4,934,565	4,938,054
4,938,251	4,939,730	4,967,366	4,986,445	5,040,577	5,098,179	5,134,548	5,156,199	5,269,353	5,228,084	5,325,706	5,345,979	5,355,915	5,363,988
5,384,850	5,407,115	5,417,256	5,448,638	5,450,883	5,464,466	5,501,246	5,535,130	5,542,458	5,543,849	5,546,981	5,557,084	5,571,310	5,602,745
5,626,649	5,630,528	5,708,580	5,719,779	5,719,781	5,720,325	5,724,067	5,734,851	5,755,854	5,782,275	5,794,667	5,798,931	5,803,136	5,843,212
5,857,500	5,868,179	5,871,651	5,890,520	5,954,080	5,956,259	5,969,691	5,971,042	5,979,705	5,980,090	6,026,866	6,052,629	6,073,840	6,078,888
6,078,896	6,082,415	6,085,775	6,087,954	6,089,284	6,092,410	6,098,879	6,102,085	6,109,477	6,112,134	6,113,039	6,116,505	6,119,110	6,123,118
6,149,033	6,167,923	6,176,421	6,184,846	6,185,307	6,185,893	6,196,065	6,227,227	6,244,310	6,250,151	6,253,779	6,263,319	6,275,746	6,296,148
6,302,165	6,313,737	6,325,112	6,326,934	6,336,479	6,338,369	6,347,649	6,352,176	6,357,493	6,360,137	6,363,299	6,364,206	6,380,853	6,381,514
6,386,246	6,418,983	6,421,616	6,422,464	6,431,226	6,438,452	6,460,579	6,463,389	6,466,842	6,470,233	6,493,440	6,499,516	6,505,134	6,522,947
6,523,744	6,529,800	6,532,999	6,535,726	6,546,882	6,571,151	6,571,201	6,573,884	6,574,603	6,578,145	6,618,362	6,644,360	6,681,814	6,685,089
6,690,275	6,697,705	6,704,774	6,708,797	6,710,701	6,712,101	6,721,669	6,736,313	6,741,909	6,745,104	6,761,190	6,763,974	6,766,949	RE35,238
D262,971	D265,092	D306,719	D309,144	D316,471	D413,124	D413,311	D413,336	D413,337	D413,610	D413,901	D413,902	D414,192	D414,501
D414,779	D414,779	D414,780	D414,781	D414,782	D415,166	D415,167	D415,168	D415,169	D415,170	D415,171	D415,172	D415,501	D415,777
D416,915	D416,916	D417,226	D418,523	D420,684	D421,612	D422,285	D422,604	D426,555	D428,424	D428,897	D429,739	D429,740	D431,039
D431,252	D431,573	D432,140	D432,141	D432,548	D432,552	D433,031	D433,032	D433,033	D433,034	D433,035	D433,036	D433,037	D433,420
D433,421	D433,422	D433,423	D433,424	D433,685	D433,686	D433,687	D433,688	D434,424	D434,780	D435,051	D440,579	D443,624	D456,820
D457,084													

Point of Sale/Back Office Equipment

4,967,366	5,228,084	5,448,638	5,798,931	5,980,090	5,708,580	5,719,779	5,719,781	5,724,067	5,734,851	6,073,840	6,078,888	6,116,505	6,185,307
6,263,319	6,275,746	6,326,934	6,360,137	6,363,299	6,364,206								

Trademarks

Non-registered trademarks

CIM™	G-SITE® Lite™	Applause™ Media System
C-PAM™	MultiLine™	SMART Meter™
ECR™	Highline™	SmartPad™
EMC™	Optimum™ Series	Surge Management System™
G-CAT™	PAM™ 1000	Tank Monitor™
Gilbert™	PAM™	TCR™
G-Poll™ Interface	SMART Connect™	Ultra-Hi™
G-SITE® Link™	SMART CRIND™	ValueLine™

Registered trademarks

Dimension® Series	The Advantage® Series	Encore®
Gilbarco®	Transac®	Eclipse®
InfoScreen®	Trimline®	TRIND®
Legacy®	VaporVac®	Passport®
Making Things Better®	G-SITE®	CRIND®
MPD®	Transac® System 1000	Performer®
		e-CRIND®

Additional US and foreign trademarks pending.

Other brand or product names shown may be trademarks or registered trademarks of their respective holders.



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1 – Introduction

Purpose

This document provides instructions to install and connect the Okidata® LED Laser report printer (PA034000XX) to the PC-Based G-SITE® and Passport® Point Of Sale (POS) systems.

IMPORTANT INFORMATION
This document is to be left at the site with the printer.

Reason for Reissue

This document is reissued to change information for the following printer: Okidata B4600 for G-SITE and Passport systems.

Abbreviations and Acronyms

Term	Description
ASC	Authorized Service Contractor
CPU	Central Processing Unit
CRIND®	Card Reader IN Dispenser
LCD	Liquid Crystal Display
LED	Light Emitting Diode
POS	Point Of Sale

Related Documents

The following documents contain related information and may be helpful when installing the Okidata LED Laser report printer.

Document Number	Title	GOLD Library
MDE-3111	PC-Based G-SITE System Startup and Service Manual	G-SITE
MDE-3381	G-SITE System Printer Quick Reference Guide	POS Peripheral Devices
MDE-3620	Point Of Sale Systems Site Preparation Manual	Site Prep
MDE-3816	Passport Start-Up and Service Manual	Passport
MDE-3911	Passport System Printer Quick Reference Card	<ul style="list-style-type: none"> • Passport • POS Peripheral Devices
MDE-4157	Passport Combined Cashier/Manager Workstation Installation Poster (PX51)	Passport
MDE-4158	Passport Cashier Workstation Installation Poster (PX51)	Passport
MDE-4159	Passport Standalone Manager Workstation Installation Poster (PX51)	Passport
MDE-4274	Passport System Hardware Setup and Software Installation Manual for IBM Hardware	Passport
MDE-4294	Passport Cashier Workstation Installation Poster (PC41 and PC42)	Passport
MDE-4295	Passport Standalone Manager Workstation Installation Poster (PS41 and PS42)	Passport
N/A	Set-up Guide (paper document - ships with printer; not supplied by Gilbarco®)	N/A
N/A	On-line User's Guide (CD-ROM - ships with printer; not supplied by Gilbarco)	N/A

Before Calling for Assistance

Before calling for assistance, do the following:

- 1 Seek help from your station manager.
- 2 Refer to this manual.
- 3 Refer to the Okidata LED Laser On-line User Manual, available from an Authorized Service Contractor (ASC).

Parts List

The following items are included with the Okidata LED Laser printer.

Part Number	Description	Notes
MDE-3840	Okidata LED Laser Printer PA0340000X Installation and User Instructions (this document)	Contains G-SITE and Passport system-specific installation, setup, and configuration information.
N/A	Black plastic light-shielded bag	For storage of image drum if printer is to be shipped
N/A	LED Printer Set-Up Guide (listed under the section “Related Documents” on page 2)	Provides setup and maintenance information
Okidata—42102801	Type 9 Image drum for B4250, B4300, and B4350 printers	Included with printer
Okidata—42102901	Type 9 toner cartridge for B4300 and B4350 printers	Recommended replacement Toner cartridge (6000 sheets of paper)
Okidata—42103001	Type 9 toner cartridge for B4250, B4300, and B4350 printers	Starter Toner cartridge. Included with printer (2500 sheets of paper)
Okidata—43501901	Type 9 Image drum for B4600 printer	Included with printer
Okidata—43502001	Type 9 toner cartridge for B4600 printers	Recommended replacement Toner cartridge (7000 sheets of paper)
Okidata—43502301	Type 9 toner cartridge for B4600 printers	Starter Toner cartridge. Included with printer (3000 sheets of paper)
PA034000XX	PA03400003 Okidata B4300 printer	For G-SITE system only
	PA03400005 Okidata B4350 printer	For G-SITE system only
	PA03400007 Okidata B4600 printer	For G-SITE system only
	PA03400014 Okidata B4250 printer	For Passport system only
	PA03400017 Okidata B4600 printer	For Passport system only
Q11121-01	Power cord	Included with printer
Q13180-20B Q13180-21B	Gender menders, G-SITE (2)	Included with PA0340000X printer
Q13240-01	Cable, Passport (10 foot)	Included with Passport system server
Q13827-0X	Q13827-02 serial card for B4300 printer	Installed in B43XX printer
Q13850-10 Q13850-100	Cables, G-SITE (10 foot & 100 foot)	Included with PA0340000X printer

Consumables

The following consumables are available through Okidata:

- Image Drum
- Paper
- Toner Cartridge

To order consumables, contact one of the following sources:

- Pen-Tech at 1-888-852-6001 or www.pen-tech.com
- Okidata at 1-800-OKIDATA (1-800-654-3282) or www.okidata.com
- One of the 4000 authorized Okidata resellers (see local phone book)
- Wallace® at 1-800-782-4892 or www.moorewallace.com

Approved Paper

Use 16 to 28 pound paper (standard 20-pound laser paper) with the Okidata LED Laser printer. Alternatively, you can use recycled laser paper.

CAUTION

Using any paper that is not designed for laser printers may cause paper jams. Excessive paper jams may damage the printer. Use only approved paper in the printer.

Selecting Paper

Follow these guidelines when selecting paper for this printer.

- For best results, use paper that is smooth and of high quality.
- Store paper in its ream wrapper until you are ready to use it, and keep it away from moisture or other conditions that can cause it to wrinkle or curl.
- Avoid printing on both sides of the paper for more than a few pages or on preprinted documents that have been in a photocopier.
- Try paper before you buy it in quantity.
- Use at least 20-pound paper in the paper cassette and manual feed.

Recycled Paper

Follow these guidelines when using recycled paper.

- Restrict to 20% to 35% Post Consumer Content. Do not exceed 50%.
- Use relatively stiff paper with minimal edge curl.
- Use bright, white paper for maximum contrast.
- Use paper that is smooth, clean, and stable electrically and dimensionally.
- When using recycled paper, the TRAY 1 MEDIA TYPE in the MEDIA MENU should be set to RECYCLE.

CAUTION

Many recycled papers are not designed for laser printers and do not meet the minimum specifications required. Use of this type of paper will cause excessive paper jams that may damage the printer.

The recycled paper in the following table has been tested by Okidata and approved for use in this printer.

Manufacturer	Post Consumer Content	Weight
Cross Pointe, Worx®	<ul style="list-style-type: none"> • 50% Recycled • 20% PCW 	<ul style="list-style-type: none"> • 20-pound
Georgia-Pacific, GeoCycle®	<ul style="list-style-type: none"> • 20% PCW 	<ul style="list-style-type: none"> • 20-pound
International Paper, Beckett Division, Enhanced Marble	<ul style="list-style-type: none"> • 50% Recycled • 20% PCW 	<ul style="list-style-type: none"> • 24-pound
International Paper, Hammermill Division, Savings DP	<ul style="list-style-type: none"> • 20% PCW 	<ul style="list-style-type: none"> • 20-pound
James River, WordPro Laser	<ul style="list-style-type: none"> • 20% PCW 	<ul style="list-style-type: none"> • 20-pound • 24-pound
Strathmore, Script Bright White Wove	<ul style="list-style-type: none"> • 50% Recycled 	<ul style="list-style-type: none"> • 20 and 24 pound
Union Camp Great White® (Laser)	<ul style="list-style-type: none"> • 25% PCW 	<ul style="list-style-type: none"> • 20-pound • 24-pound
Warren, SpectraTech®, Gloss and Matte	<ul style="list-style-type: none"> • 10% PCW 	<ul style="list-style-type: none"> • 28-pound • 32-pound
Weyerhaeuser, Lynx Opaque®	<ul style="list-style-type: none"> • 20% PCW 	<ul style="list-style-type: none"> • 20-pound • 28-pound • 20-pound (laser copy)

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2 – Important Safety Information

This section introduces the hazards and safety precautions associated with installing, inspecting, maintaining or servicing this product. Before performing any task on this product, read this safety information and the applicable sections in this manual, where additional hazards and safety precautions for your task will be found. Fire, explosion, electrical shock or pressure release could occur and cause death or serious injury, if these safe service procedures are not followed.

Preliminary Precautions

You are working in a potentially dangerous environment of flammable fuels, vapors, and high voltage or pressures. Only trained or authorized individuals knowledgeable in the related procedures should install, inspect, maintain or service this equipment.

Emergency Total Electrical Shut-Off

The first and most important information you must know is how to stop all fuel flow to the pump/dispenser and island. Locate the switch or circuit breakers that shut off all power to all fueling equipment, dispensing devices, and Submerged Turbine Pumps (STPs).

WARNING



The EMERGENCY STOP, ALL STOP, and PUMP STOP buttons at the cashier's station WILL NOT shut off electrical power to the pump/dispenser. This means that even if you activate these stops, fuel may continue to flow uncontrolled.



You must use the TOTAL ELECTRICAL SHUT-OFF in the case of an emergency and not the console's ALL STOP and PUMP STOP or similar keys.

Total Electrical Shut-Off Before Access

Any procedure that requires access to electrical components or the electronics of the dispenser requires total electrical shut off of that unit. Understand the function and location of this switch or circuit breaker before inspecting, installing, maintaining, or servicing Gilbarco equipment.

Evacuating, Barricading and Shutting Off

Any procedure that requires access to the pump/dispenser or STPs requires the following actions:



- An evacuation of all unauthorized persons and vehicles from the work area
- Use of safety tape, cones or barricades at the affected unit (s)
- A total electrical shut-off of the affected unit (s)

Read the Manual

Read, understand and follow this manual and any other labels or related materials supplied with this equipment. If you do not understand a procedure, call a Gilbarco Authorized Service Contractor or call the Gilbarco Service Center at 1-800-800-7498. It is imperative to your safety and the safety of others to understand the procedures before beginning work.

Follow the Regulations

Applicable information is available in National Fire Protection Association (NFPA) 30A; *Code for Motor Fuel Dispensing Facilities and Repair Garages*, NFPA 70; *National Electrical Code (NEC)*, Occupational Safety and Hazard Association (OSHA) regulations and federal, state, and local codes. All these regulations must be followed. Failure to install, inspect, maintain or service this equipment in accordance with these codes, regulations and standards may lead to legal citations with penalties or affect the safe use and operation of the equipment.

Replacement Parts

Use only genuine Gilbarco replacement parts and retrofit kits on your pump/dispenser. Using parts other than genuine Gilbarco replacement parts could create a safety hazard and violate local regulations.

Safety Symbols and Warning Words

This section provides important information about warning symbols and boxes.

Alert Symbol



This safety alert symbol is used in this manual and on warning labels to alert you to a precaution which must be followed to prevent potential personal safety hazards. Obey safety directives that follow this symbol to avoid possible injury or death.

Signal Words

These signal words used in this manual and on warning labels tell you the seriousness of particular safety hazards. The precautions below must be followed to prevent death, injury or damage to the equipment:



DANGER: Alerts you to a hazard or unsafe practice which will result in death or serious injury.



WARNING: Alerts you to a hazard or unsafe practice that could result in death or serious injury.



CAUTION with Alert symbol: Designates a hazard or unsafe practice which may result in minor injury.

CAUTION without Alert symbol: Designates a hazard or unsafe practice which may result in property or equipment damage

Working With Fuels and Electrical Energy

Prevent Explosions and Fires

Fuels and their vapors will explode or burn, if ignited. Spilled or leaking fuels cause vapors. Even filling customer tanks will cause potentially dangerous vapors in the vicinity of the dispenser or island.

No Open Fire



Open flames from matches, lighters, welding torches or other sources can ignite fuels and their vapors.



No Sparks - No Smoking

Sparks from starting vehicles, starting or using power tools, burning cigarettes, cigars or pipes can also ignite fuels and their vapors. Static electricity, including an electrostatic charge on your body, can cause a spark sufficient to ignite fuel vapors. Every time you get out of a vehicle, touch the metal of your vehicle, to discharge any electrostatic charge before you approach the dispenser island.

Working Alone

It is highly recommended that someone who is capable of rendering first aid be present during servicing. Familiarize yourself with Cardiopulmonary Resuscitation (CPR) methods, if you work with or around high voltages. This information is available from the American Red Cross. Always advise the station personnel about where you will be working, and caution them not to activate power while you are working on the equipment. Use the OSHA Lockout/ Tagout procedures. If you are not familiar with this requirement, refer to this information in the service manual and OSHA documentation.

Working With Electricity Safely

Ensure that you use safe and established practices in working with electrical devices. Poorly wired devices may cause a fire, explosion or electrical shock. Ensure that grounding connections are properly made. Take care that sealing devices and compounds are in place. Ensure that you do not pinch wires when replacing covers. Follow OSHA Lockout/Tagout requirements. Station employees and service contractors need to understand and comply with this program completely to ensure safety while the equipment is down.

Hazardous Materials

Some materials present inside electronic enclosures may present a health hazard if not handled correctly. Ensure that you clean hands after handling equipment. Do not place any equipment in the mouth.



WARNING

The pump/dispenser contains a chemical known to the State of California to cause cancer.



WARNING

The pump/dispenser contains a chemical known to the State of California to cause birth defects or other reproductive harm.

In an Emergency

Inform Emergency Personnel

Compile the following information and inform emergency personnel:

- Location of accident (for example, address, front/back of building, and so on)
- Nature of accident (for example, possible heart attack, run over by car, burns, and so on)
- Age of victim (for example, baby, teenager, middle-age, elderly)
- Whether or not victim has received first aid (for example, stopped bleeding by pressure, and so on)
- Whether or not a victim has vomited (for example, if swallowed or inhaled something, and so on)



WARNING



Gasoline ingested may cause unconsciousness and burns to internal organs.
Do not induce vomiting.
Keep airway open.
Oxygen may be needed at scene.
Seek medical advice immediately.



WARNING



Gasoline inhaled may cause unconsciousness and burns to lips, mouth and lungs.
Keep airway open.
Seek medical advice immediately.



WARNING



Gasoline spilled in eyes may cause burns to eye tissue.
Irrigate eyes with water for approximately 15 minutes.
Seek medical advice immediately.



WARNING






Gasoline spilled on skin may cause burns.
Wash area thoroughly with clear water.
Seek medical advice immediately.

IMPORTANT: Oxygen may be needed at scene if gasoline has been ingested or inhaled. Seek medical advice immediately.

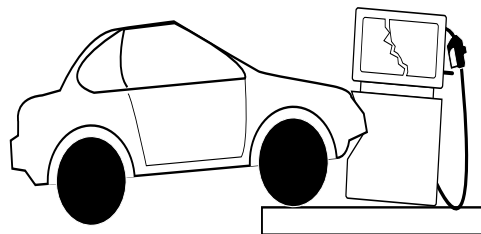
Lockout/Tagout

Lockout/Tagout covers servicing and maintenance of machines and equipment in which the unexpected energization or start-up of the machine(s) or equipment or release of stored energy could cause injury to employees or personnel. Lockout/Tagout applies to all mechanical, hydraulic, chemical or other energy, but does not cover electrical hazards. Subpart S of 29 CFR Part 1910 - Electrical Hazards, 29 CFR Part 1910.333 contains specific Lockout/Tagout provision for electrical hazards.

Hazards and Actions

 WARNING	
	Spilled fuels, accidents involving pumps/dispensers, or uncontrolled fuel flow create a serious hazard.
	Fire or explosion may result, causing serious injury or death. Follow established emergency procedures.

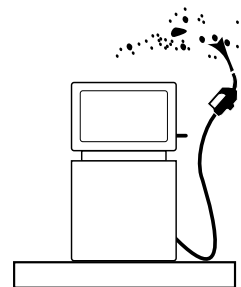
The following actions are recommended regarding these hazards:



Collision of a Vehicle with Unit



Fire at Island



Fuel Spill

- Do not go near a fuel spill or allow anyone else in the area.
- Use station EMERGENCY CUTOFF immediately. Turn off all system circuit breakers to the island(s).
- Do not use console E-STOP, ALL STOP and PUMP STOP to shut off power. These keys do not remove AC power and do not always stop product flow.
- Take precautions to avoid igniting fuel. Do not allow starting of vehicles in the area. Do not allow open flames, smoking or power tools in the area.
- Do not expose yourself to hazardous conditions such as fire, spilled fuel or exposed wiring.
- Call emergency numbers.

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3 – Installing the Okidata LED Laser Printer

This section provides instructions to install the Okidata LED Laser printer.

Process Overview

The following table provides an overview of the process required to set up and configure an Okidata LED Laser printer.

Stage	Description
1	Remove protective materials.
2	Install the toner cartridge.
3	Load the paper.
4	Connect the data cable.
5	Attach the power cord.
6	Configure the console.
7	Print out and verify correct configuration settings.
8	Program configuration settings, if applicable.

Before You Begin

Before installing the printer, refer to the Okidata LED Laser Printer Set-up Guide for the printer you are installing.

WARNING

Failure to use an isolated ground could create a shock hazard. The Okidata LED Laser printer must be powered from a dedicated circuit with isolated ground that is powered from the same branch circuit as the POS system. Do not connect the Okidata LED Laser printer to an Uninterruptible Power Supply (UPS). Refer to MDE-3620 Point of Sale Systems Site Preparation Manual for more information.

CAUTION

Failure to power the Okidata LED Laser from the POS system circuit may result in communications problems. The Okidata LED Laser printer must be powered from a dedicated circuit with isolated ground that is powered from the same branch circuit as the POS system. Refer to MDE-3620 Point Of Sale Systems Site Preparation Manual for more information.

CAUTION

The Okidata B4350 and B4600 printer must be programmed before printing any reports on it from the G-SITE system.

Note: Refer to the section “Okidata B4300/B4350/B4600 Printer” on page 22 for information on verifying the configuration for the Okidata B4350 printer.

Removing Protective Materials

To remove the protective paper, tape, and film from the printer, proceed as follows:

- 1 Verify if the printer power is turned off.
- 2 Lift up the corner and peel the protective plastic film from the control panel.



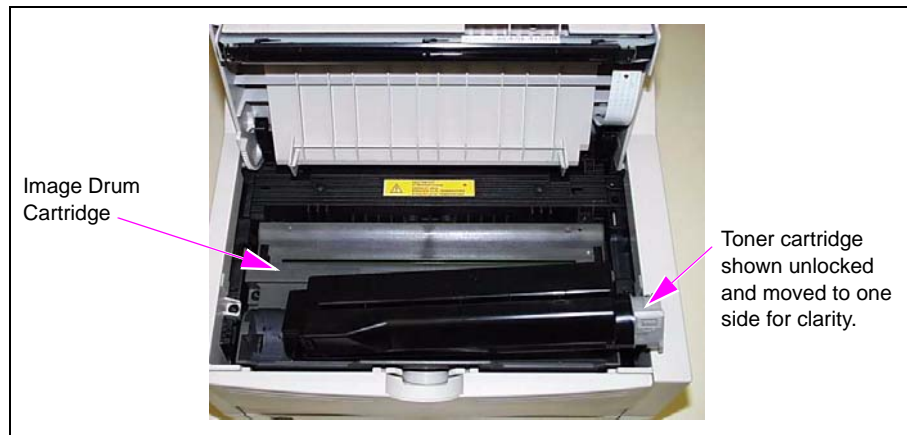
- 3 Remove any shipping tape from the front and back of the printer.
- 4 Press the release button (B4xxx) and lift the cover.

CAUTION

Image drum green surface is light sensitive. Excessive light can damage drum. Read the following before removing the image drum:

- Do not touch the image drum's green surface.
- Do not expose green surface to direct sunlight.
- Do not expose green surface to indoor light for more than 5 minutes.

- 5 Lift out the image drum unit. Do not touch the drum's green surface.
Note: The Type 9 image drum fits in the B4250, B4300, B4350, and B4600 printers.



- 6 Remove the protective paper from the image drum.
- 7 Remove any shipping tape inside the printer, and lift out and discard the shipping sponge.
- 8 Reinstall the image drum cartridge in the printer.

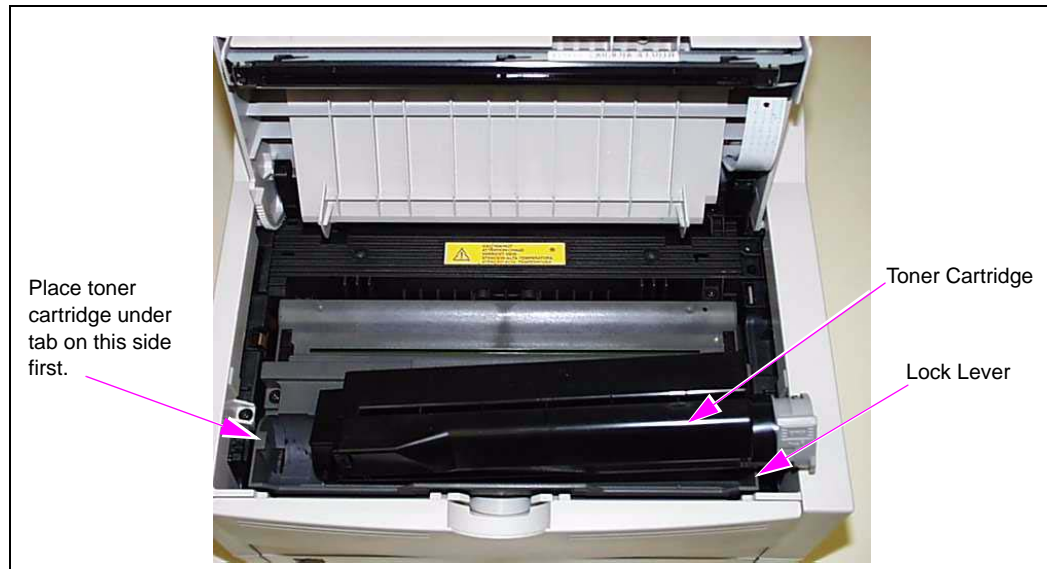
Installing the Toner Cartridge

To install the toner, proceed as follows.

Note: Ensure that you follow the safety precautions on the toner cartridge packaging.

- 1 Unwrap the toner cartridge.
- 2 Shake the cartridge side-to-side to evenly distribute the toner.
- 3 Peel the shipping tape off the bottom of toner cartridge.
- 4 With cartridge label facing up, place left side under tab, and then lower cartridge into the toner well.

- 5 Push the lock lever towards the back of the printer until it stops.

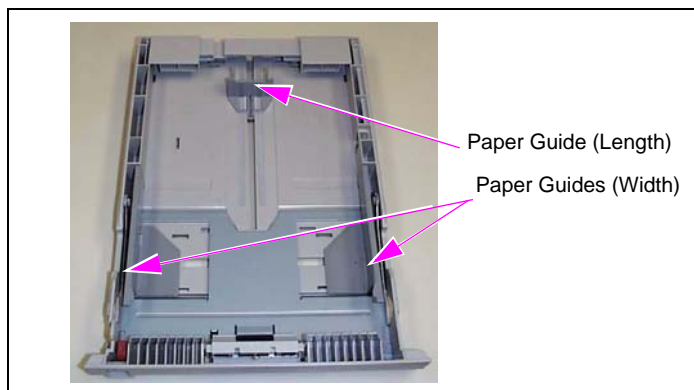


- 6 Lower the printer cover, and press firmly to close.

Loading Paper

To load paper, proceed as follows:

- 1 Slide paper tray out of the printer.
- 2 Adjust paper guides for the correct paper width.
- 3 Lift and slide rear paper support to adjust for the paper length.



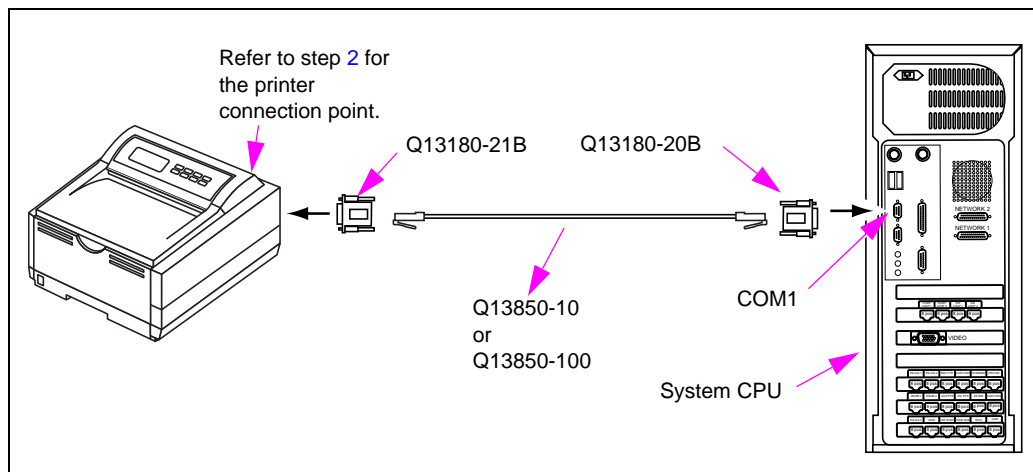
- 4 Fan a stack of paper; then, place the paper in the tray under the tabs. Ensure that you follow these guidelines:
 - Do not fill above the “PAPER FULL” mark.
 - Ensure paper is not folded.
 - For letterhead, place paper print side down, top-edge facing you.
- 5 Place paper tray into the printer; then, push closed until the tray locks in place.

Connecting Printer Data Cable

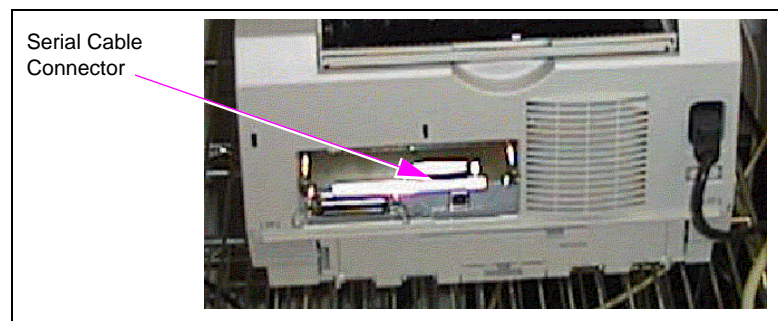
Connecting the G-SITE Cable

To connect the serial cable for the G-SITE system, proceed as follows:

Note: Refer to the following connection diagram when connecting the printer.



- 1 Turn off the printer and the G-SITE system CPU.
- 2 Connect the Q13180-21B gender mender to the serial cable connector port on the back of the printer. Fasten the gender mender to the printer securely.



- 3 Connect the Q13180-20B gender mender to COM1 on the back of the system CPU of the G-SITE system.
- 4 Connect a Q13850-10 or Q13850-100 cable to the gender menders installed in steps 2 and 3.
- 5 Place the back of the printer several inches from the wall.

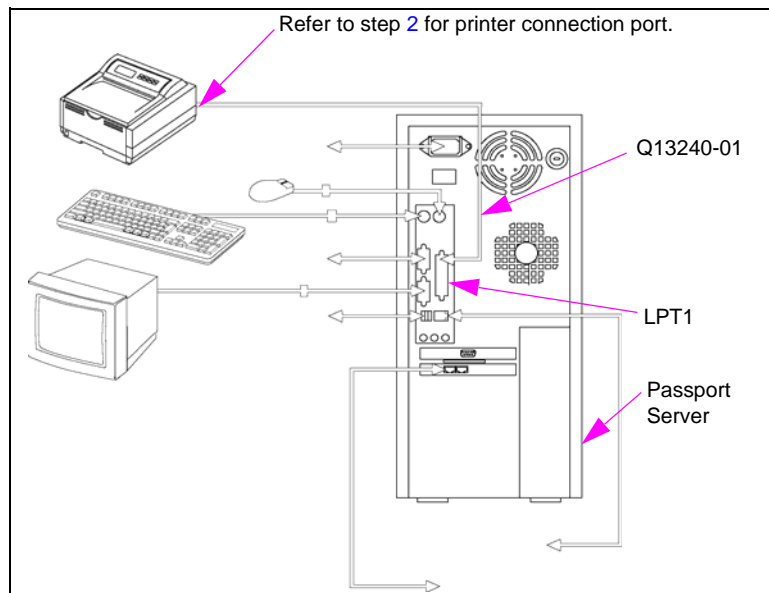
CAUTION

Pushing the back of the printer against the wall can damage the printer's cables. Damaged cables will need to be replaced. Ensure that cables are not pressing against the wall.

Connecting the Passport Cable

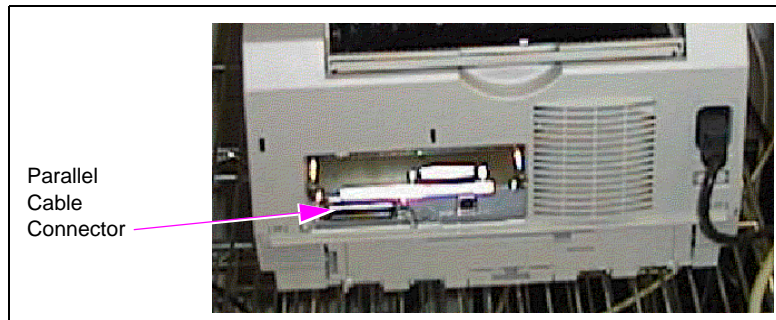
To connect the parallel cable for the Passport system, proceed as follows:

Note: Refer to the following connection diagram when connecting the printer.



- 1 Connect one end of cable Q13240-01 to parallel port on the back of the printer. Fasten connector to the printer securely.

Note: Cable (Q13240-01) is 10 feet long. Printer must be within 10 feet or less of Passport server.

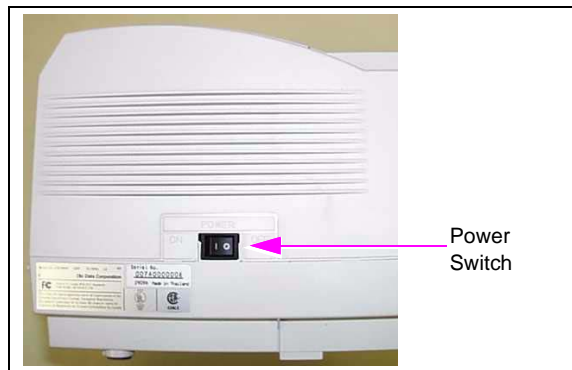


- 2 Connect the opposite end of the cable to the Passport server parallel port (LPT1).

Attaching the Power Cord

To attach the power cord, proceed as follows:

- 1 Ensure that the printer power switch (on the left side) is set to OFF.



- 2 Plug the power cord into the printer.



- 3 Plug the other end of the power cord into a grounded outlet.

WARNING

Failure to use an isolated ground outlet could create a shock hazard. The Okidata LED Laser printer must be powered from a dedicated circuit with isolated ground that is powered from the same branch circuit as the G-SITE or Passport system. Refer to MDE-3620 Point Of Sale Systems Site Preparation Manual for more information.

Refer to MDE-4157 Combined Cashier/Manager Workstation Installation Poster, or MDE-4158 Cashier Workstation Installation Poster (PX51) and MDE-4159 Standalone Manager Workstation Installation Poster (PX51).

~ OR ~

Refer to MDE-4294 Passport Cashier Workstation Installation Poster (PC41 and PC42) and MDE-4295 Passport Manager Workstation Installation Poster (PS41 and PS42).

- 4 Place the back of the printer several inches from the wall.

CAUTION

Pushing the back of the printer against the wall can damage the printer cables. Damaged cables will need to be replaced. Ensure that the cables are not pressing against the wall.

- 5 Turn on the printer.

Configuring the Console

This section provides instructions for changing the printer settings for G-SITE and Passport systems. If you are installing a printer for G-SITE system, the differences in software determine whether you can change this setting in Manager Mode or if you must use Hard Disk Utilities.

G-SITE System (Manager Mode)

To verify if the G-SITE line printer configuration is set to Serial through Manager Mode, proceed as follows:

- 1 Access the Manager Mode by inserting the Black key or entering password.
- 2 Select **Report Configuration**.
- 3 Select **Line Printer Configuration**.
- 4 Press **SUSPEND** to change setting to Serial.
- 5 Press **SUBTOTAL** to exit Line Printer Configuration.

G-SITE System (Hard Disk Utilities)

To verify if the G-SITE line printer configuration is set to Serial through Hard Disk Utilities, proceed as follows:

- 1 Insert the Hard Disk Utilities into the floppy disk drive on the G-SITE system CPU; then, reset the system.
- 2 From the Hard Disk Utilities Menu, enter the number displayed for SELECT LINE PRINTER.
- 3 Set the printer option to “SERIAL LINE PRINTER”; then, press any key.
- 4 Remove the Hard Disk Utilities disk from the floppy disk drive.
- 5 Warmstart the G-SITE system to save the printer option setting.
- 6 Save the new configuration to a diskette.

Passport System

To verify if the configuration for the printer is correct for the Passport system, proceed as follows:

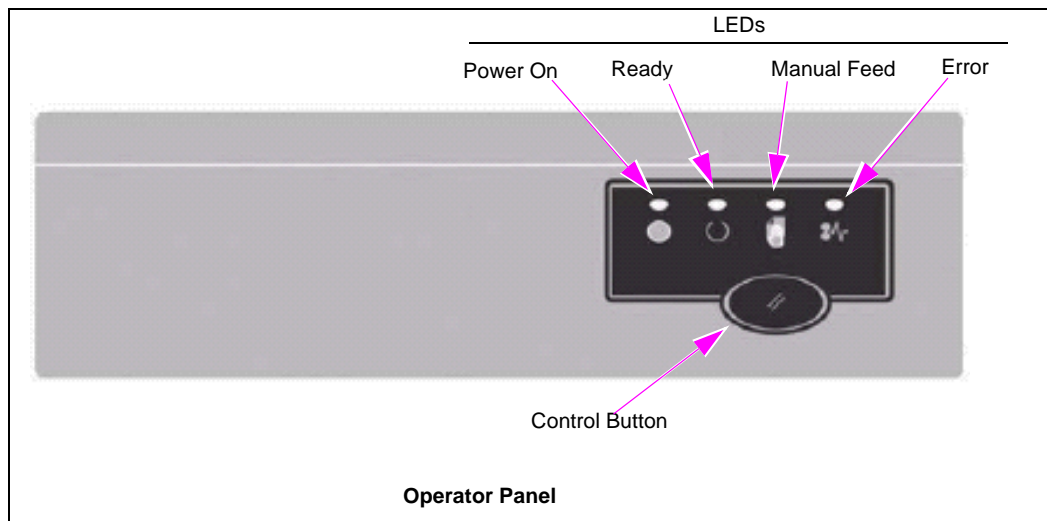
- 1 Start the System Maintenance toolbar (Ctrl-Alt-P).
- 2 Click **Explorer**.
- 3 Double-click **Printers**.
- 4 Right-click **Okipage B4250**.
- 5 Select “Set As Default”.

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4 – Printing and Verifying Configuration Settings

Follow the procedures in this section to print and verify configuration settings.

Okidata B4250 Printer



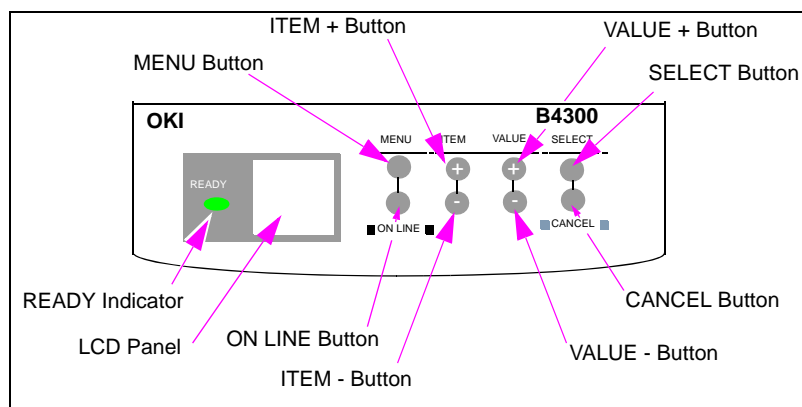
The menu settings can be printed as a menu map, as follows:

- 1 Press **Control** to take the printer off line (Ready LED is not lit).
- 2 Press and hold down **Control** for at least two seconds, but less than five seconds.
A list of menu settings and a demonstration print page will be printed after a few seconds.
- 3 Verify that the printout information in the “Setting” column matches the “Setting” column in the following Passport table.

Okidata B4250 Printer Configuration for Passport System		
Category	Item	Setting
Print Menu	Lines per Page	60 lines
System Configuration	Power Save Delay Time	15 minutes
System Configuration	Emulation	Auto Emulation

Okidata B4300/B4350/B4600 Printer

- 1 Press **ON LINE**. The READY light goes out and the printer is OFF LINE.



- 2 Press **MENU** for “Information Menu”.
- 3 Press **SELECT** for “Menu Map Print”.
- 4 Press **SELECT** to start printing Menu Map.
- 5 Verify if the printout information in the Menu Map report matches the “User” column in the following G-SITE table.

Note: The table shows only the user configuration settings that you should check. All other user configuration settings should be the same as factory configuration settings.

Okidata B4300/B4350 Printer Configuration for G-SITE System			
Category	Item	Factory	User
PRINT MENU	LINES PER PAGE	64 LINES	61 LINES
SYSTEM CONFIG MENU	EMULATION	AUTO	EPSON FX
SYSTEM CONFIG MENU	AUTO CONTINUE	OFF	ON
SYSTEM CONFIG MENU	WAIT TIME	40 SECONDS	5 SECONDS

Note: For G-SITE application software that has CRIND journaling at the report printer, you must change Wait Timeout to OFF.

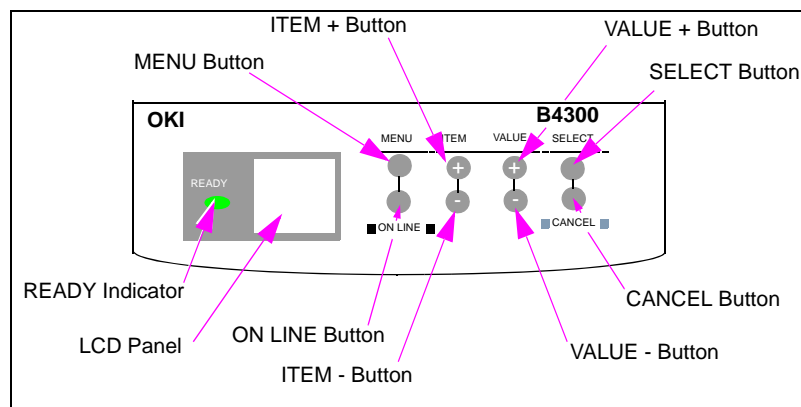
- 6 Does the information in the Menu Map report match the “User” column in the above table?
 - If yes, you have successfully installed the printer.
 - If no, follow the instructions in Chapter 5 [“Programming Configuration Settings”](#) on page 23.

5 – Programming Configuration Settings

G-SITE System - Okidata B4300/B4350/B4600

To change printer configuration settings for G-SITE system, proceed as follows:

- 1 Press **ON LINE**. The READY light goes out and printer is OFF LINE.



- 2 Press **MENU** to enter menu mode.
- 3 Press **MENU** to scroll through the categories; then, press **SELECT** to select a category. The first item for that category appears in the LCD display.
- 4 Determine if there is more than one item for this category. Refer to items listed on the printer configuration printout. Refer to Chapter 4 “[Printing and Verifying Configuration Settings](#)” on [page 21](#).
 - If yes, you must press **ITEM +/-** to scroll through the items.
 - If no, go to step 5.
- 5 Press the **VALUE +/-** keys to scroll through the setting options for this item; then, press **SELECT** to select the setting. An asterisk (*) appears next to the selected setting.
- 6 Would you like to configure another setting?
 - If yes, press **MENU** to return to the categories; then, perform steps 3 through 5 for each setting.
 - If no, press **ON LINE** to exit. The READY light illuminates.

Passport System - Okidata B4250

Reset the printer and clear the buffer after printing has been cancelled.

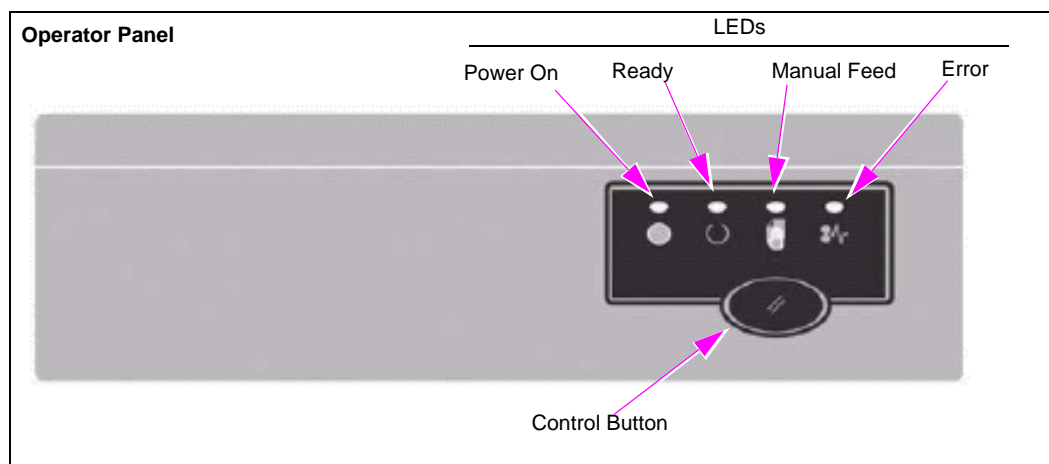
*Note: To reset the printer to the factory default settings, press **Control** and hold it down while the printer is turned on. The LED indicators blink when the printer has reset to the default settings.*

6 – Using the Front Operator Panel

Okidata B4250 Printer

Operator Panel

The B4250 operator panel consists of four LED indicators and a Control button. From left to right, the LEDs indicate Power On, Ready, Manual Feed, and Error.



LED Indicators

The LED indicators show the status of the printer and have five operating conditions as follows:

- Indicator off
- Indicator on
- Flash 1 - slow blink - one long flash every 4 seconds
- Flash 2 - blink - one flash per second
- Flash 3 - rapid blink - four flashes per second

All four LED indicators come on momentarily when power is turned on.

The “Power On” LED (green) comes on and stays on when the printer is turned on.

The “Ready” LED (green) has the following meanings.

- When “on,” the printer is on-line and ready to receive data.
- When “off,” the printer is off-line and cannot receive data.

The meaning of the indicator LEDs when they flash (X) is summarized as follows.

Flash Type	LED			Meaning
	Ready (green)	Manual Feed (amber)	Error (amber)	
Flash 1 - slow blink	X			Printer is processing data when printing has been suspended.
			X	Image drum requires changing or toner is low.
Flash 2 - blink	X			Printer is receiving and processing data during printing or the printer is resetting itself.
		X		Printer is requesting manual paper feed.
			X	There is a printing error, problem with paper, or a cover is open.
	X	X	X	There is a minor error with the printer.
Flash 3 - rapid blink	X	X	X	There is a major error with the printer.

Control Button

The primary functions of the control button are activated by pressing the switch momentarily and releasing it. The primary functions are as follows.

- Turning the printer off line.
- Turning the printer on line (ready).
- Resuming printing after a paper error, paper jam, print overrun, page overflow, or receiving buffer overflow.
- Interrupting data processing when the printer is receiving and processing data.
- Resuming data processing.

The secondary functions of the control are activated after turning the printer off line, then pressing and holding the switch for at least 2 seconds before releasing it. The secondary functions are as follows.

- Printing the demonstration and menu pages.
- Printing any data held in the buffer after printing has been cancelled.

The other functions of the control button are activated after turning the printer off line, then pressing and holding the button for at least 5 seconds before releasing it. The other functions are as follows.

- Printing a cleaning page.

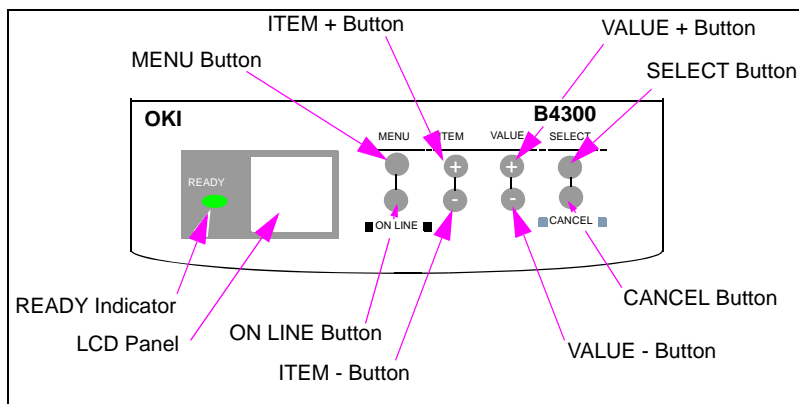
Note: A cleaning page can also be printed using the printer Status Monitor.

- Resetting the printer and clearing the buffer after printing has been cancelled.

*Note: To reset the printer to the factory default settings, press **Control** and hold it down while the printer is turned on. The LED indicators blink when the printer has reset to the default settings.*

B4300/B4350/B4600 Printers

This section provides instructions for using the operator panel. The following diagram shows the operator panel.



Ready Indicator

The ready light indicates two statuses:

- On - Printer is ready to receive data.
- Flashing - Printer is processing data or an error has occurred.

LCD Panel

The LCD panel has two rows of up to 8 alphanumeric characters displaying print status, menu items in menu mode and error messages.

Button Functions

The following table shows the operation and function of each button on the Operator Panel.

Button	Operation
MENU	Press briefly to enter MENU mode. Press briefly again to select next menu. Press for more than 2 seconds to scroll through different menus.
ON LINE	Press to switch between ON LINE and OFF LINE status. <i>Note: When pressed in MENU mode, the ON LINE button returns the printer to ON LINE status. When pressed with DATA PRESENT displayed, it forces the printer to print out the remaining data in the printer. Also when there is an error indicating wrong paper size, pressing the ON LINE button forces the printer to print.</i>
ITEM +	Press briefly to scroll forward to next menu item.
ITEM -	Press briefly to scroll backward to previous menu item.
VALUE +	Press briefly to scroll forward to next value setting for each menu item.
VALUE -	Press briefly to scroll backward to previous value setting for each menu item.
SELECT	Press briefly to select the menu, item or value indicated on LCD panel.
CANCEL	Press to cancel a print job.

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7 – Service and Troubleshooting

The user's guide provided by Okidata provides service and troubleshooting information. This section provides information about the most common service and troubleshooting issues. This section also provides additional troubleshooting tips that are not covered in the Okidata user's guide.

This section provides instructions on the following service and troubleshooting topics:

- [“Changing Paper and Toner Cartridge” on page 29](#)
- [“Servicing the LED Head” on page 29](#)
- [“Correcting Paper Jam” on page 30](#)
- [“Correcting Print Quality Problems” on page 32](#)
- [“Printing a Cleaning Page” on page 33](#)
- [“Replacing the Image Drum Cartridge” on page 34](#)
- [“Returning the Printer” on page 36](#)
- [“Selecting the Paper” on page 36](#)

Changing Paper and Toner Cartridge

The following Gilbarco manuals provide instructions for changing the paper and toner cartridge:

- MDE-3381 G-SITE System Printer Quick Reference Guide
- MDE-3911 Passport System Quick Reference Card

Servicing the LED Head

Cleaning the LED Head

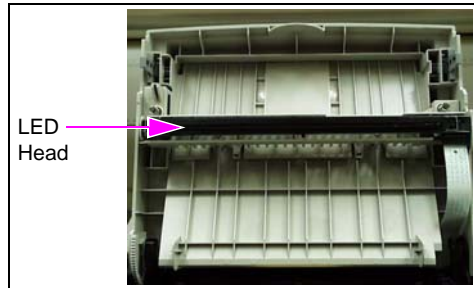
When to clean the LED head:

- When you install a new toner cartridge
- If printed pages have faded vertical areas
- If printed pages have light printing

To clean the LED head, proceed as follows:

- 1 Turn off power to the printer.
- 2 Open the printer cover.

- 3 Wipe the LED head, which is located on the underside of the printer cover, gently with one of the following:
 - Cleaning pad, included in the toner cartridge kit
 - Soft, clean cloth moistened with a small amount of rubbing alcohol



- 4 Close the printer cover.
- 5 Turn on power to the printer.

Aligning LED Head

If the printer prints all blank pages and there is no error indications, the LED head inside the upper cover may be out of alignment. To align the LED head, proceed as follows:

- 1 Turn off power to the printer.
- 2 Open the printer top cover to expose the LED head assembly.
- 3 If the LED head is misaligned (crooked in its mounting channel), realign by gently pressing inward on each end of the LED head assembly.
Note: Do not touch the raised area of the LED head assembly.
- 4 Ensure that the LED head cable is fully inserted into the LED head connector. Hold the LED head firmly while applying insertion pressure to the cable into the LED head connector.
- 5 Close the printer cover.
- 6 Turn on power to the printer.

Correcting Paper Jam

If a paper jam message appears, remove the jam by following the instructions in this section:

Note: An “x” indicates the type of paper jam that has occurred. For example, “TRAY 1 INPUT JAM” indicates that there is an input jam in Tray 1.

TRAY x INPUT JAM

To clear an input jam, proceed as follows.

- 1 Slide the paper tray out of the printer.
- 2 Remove the sheet that did not feed.
- 3 Verify if the paper in the tray is not wrinkled or stuck together.
- 4 Close the paper tray.
- 5 Open and close the cover to clear the error message.

TRAY x FEED JAM/PAPER EXIT JAM (Top Bin)

To clear an exit jam, proceed as follows:

- 1 Open the printer cover.
- 2 Remove the image drum.

CAUTION

The fuser unit at the back of the printer is hot. Touching the fuser unit could cause burns. Do not touch the fuser unit at the back of the printer.

- 3 Remove the jammed paper.
- 4 Replace the image drum.
- 5 Close the printer cover.

PAPER EXIT JAM (Rear Tray)

To clear a rear tray exit jam, proceed as follows:

- 1 Lift the top cover (this releases roller pressure).
- 2 Pull the jammed paper out from the back of the printer.

CAUTION

Pulling jammed paper from the front of the unit may damage the printer. Damaged printers will need to be repaired or replaced. Do not pull jammed paper from the front of the unit.

- 3 Remove the image drum cartridge, and ensure that the paper is cleared and no pieces are left behind.
Note: Do not touch green surface of image drum.

- 4 Install the image drum back into printer.
- 5 Close the printer cover.
- 6 Determine the cause of the paper jam and correct. Some types of jams and their causes are listed in the following table.

Reason	What To Do
Paper tray is overloaded.	Do not fill the tray above the PAPER FULL mark.
Paper is too heavy, too light, or contains excess cotton content.	Switch papers and use recommended stock.
Paper is too moist or too dry, causes miss feeds and imaging problems.	Store paper in average humidity, reseal opened reams. In areas of extreme dryness or humidity, do not leave in tray overnight.
Rear exit tray may not be fully extended.	Check that the rear exit tray is fully extended.
Rear exit tray was lowered while a job was printing.	Resend the print job after lowering the rear exit tray.

Correcting Print Quality Problems

Before consulting a service representative regarding a print quality problem, refer to the On Line User's Guide provided by Okidata and the information below to see if there is a solution.

Symptom	Problem	Solution
Blank sheets printed	Image drum cartridge not properly installed	Reinstall image drum cartridge
	Empty or missing toner cartridge	Install new toner cartridge
	LED head is aligned correctly	Align LED head
	LED head cable connection is disconnected or loose	Securely connect cable to LED head.
Faded print after installation	Toner cartridge not installed correctly	Install toner cartridge correctly
Print is light or blurred	Empty or near empty toner cartridge	Replace toner cartridge
	LED head is dirty	Clean the LED head
	Using other than recommended paper	Use recommended paper
Print is darker than usual	Darkness setting is too high	Change darkness setting in the printer menu
Smeared or blotched print	Dirty or defective fuser assembly or other hardware problem	Generate cleaning page, call your service representative
Bold characters and dark lines are smeared	Toner is low	Install new toner cartridge
Distorted print	Paper path lamp or fuser unit problem	Generate a cleaning page. If not corrected, call your service representative
Page has gray background	Static electricity from dry, cotton fiber papers, cause toner to stick to background	Change papers to an acceptable laser bond or use a humidifier
Horizontal black lines	Cable connection to the LED panel is loose or disconnected	Reconnect the cable to the LED panel

Symptom	Problem	Solution
Faded vertical stripes or fuzzy print	LED head is dirty	Clean the LED head
Vertical white streaking or faint areas on page	Toner is low and does not distribute properly or the drum is worn out	Replace toner cartridge, check drum and if necessary
	LED head is dirty	Clean the LED head
Vertical black lines	Scratched image drum	Replace the image drum cartridge
	Hardware problem	Contact service
Pages curl excessively	Printing on wrong side to paper, high humidity	Turn paper over in tray (note arrow on paper package, install print side down in tray)
	Moisture in paper, improper storage	Avoid storing paper in areas of excessive temperature changes and humidity
	High humidity	Operate within a 20 to 80 percent humidity range

Printing a Cleaning Page

Printing a cleaning page removes residual impurities from printing surfaces and helps reduce print quality problems, such as the following:

- Repeated marks
- Blotches
- Shaded areas

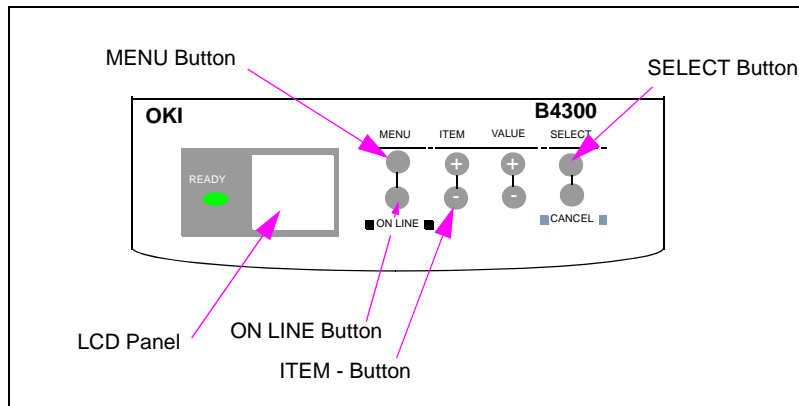
To print a test page, proceed as follows:

Okidata B4250 Printer

- 1 Press **Control** to take the printer off line.
- 2 Open the manual feed tray and insert a sheet of letter-size plain paper between the paper guides.
- 3 Press and hold down **Control** for at least 5 seconds.
The printer grips the paper and prints a cleaning page.
- 4 Press **Control** to return the printer on line.
Note: If subsequent printing appears faded or uneven, try replacing the toner cartridge.

Okidata B4300/B4350/B4600 Printer

- 1 Verify if the printer power is turned on.
- 2 Press **ON LINE** . The READY light goes out and the printer is OFF LINE.



- 3 Press **MENU** until “MAINTENANCE MENU” is displayed.
- 4 Press **ITEM** - until “CLEANING PAGE” is displayed.
- 5 Press **SELECT**.

Replacing the Image Drum Cartridge

When the image drum reaches 90% of its life, the **CHANGE DRUM** message displays on the front operator panel. Change the image drum cartridge when the print becomes faint or begins to deteriorate.

To replace the image drum cartridge, proceed as follows:

- 1 Turn off power to the printer.
- 2 Open the printer cover.

- 3 Lift out used image drum cartridge with toner cartridge installed. Set aside, being careful of loose toner powder.



- 4 Remove the new image drum cartridge from the package.
- 5 Follow instructions included with the new image drum kit to install new image drum.
Note: A toner cartridge must be installed for printer to work.
- 6 Place the old image drum cartridge in the black plastic bag included with the new cartridge. Dispose of the drum properly.
- 7 Close the printer cover.

Resetting the Drum Counter

To reset the drum counter, proceed as follows:

CAUTION

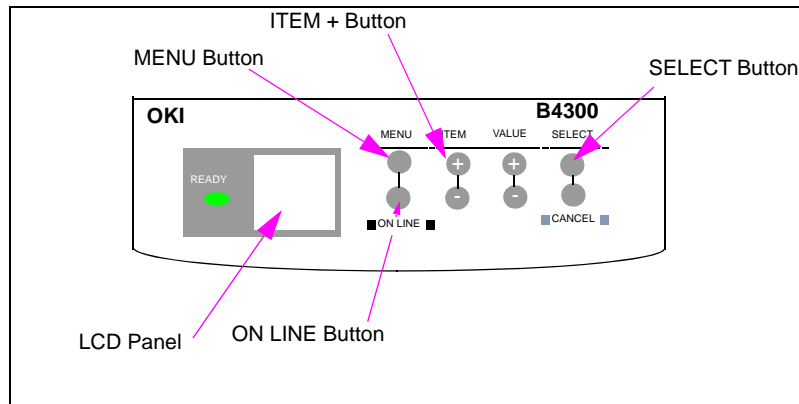
Not resetting drum counter may lead to unnecessary drum replacement. Not resetting counter will result in a Change Drum message appearing after approximately 4000 sheets. Always reset the drum counter each time a new drum is installed.

Okidata B4250 Printer

After successfully replacing the image drum, call the Gilbarco Veeder-Root® Help Desk at 1-800-800-7498 to have the image drum counter reset.

Okidata B4300/B4350/B4600 Printer

- 1 Press **ON LINE** to set the printer off line.



- 2 Press **MENU** until “MAINTENANCE MENU” is displayed.
- 3 Press “**ITEM +**” until “DRUM COUNT RESET” is displayed.
- 4 Press **SELECT**.

Returning the Printer

All equipment or components returned under Gilbarco’s warranty policy or for repair must be packaged properly to avoid shipping damage. Remove image drum and toner cartridge before shipping. Return the printer in its original shipping container. If the original materials are not available, use a durable reinforced corrugated box and suitable packing material (polyfoam chips, polyurethane foam chips, or polystyrene foam chips). Return serial card with printer.

CAUTION

Failure to remove the image drum before shipping could damage the unit. Damaged printers will need to be repaired or replaced. When returning the Okidata LED Laser printer, remove the image drum before shipping.

Selecting the Paper

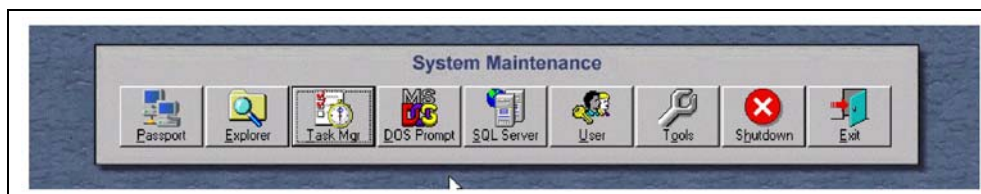
Refer to the section “[Consumables](#)” on [page 3](#) for information regarding approved paper.

Appendix A: How To Install Okidata 4250 Printer Driver on Passport Server

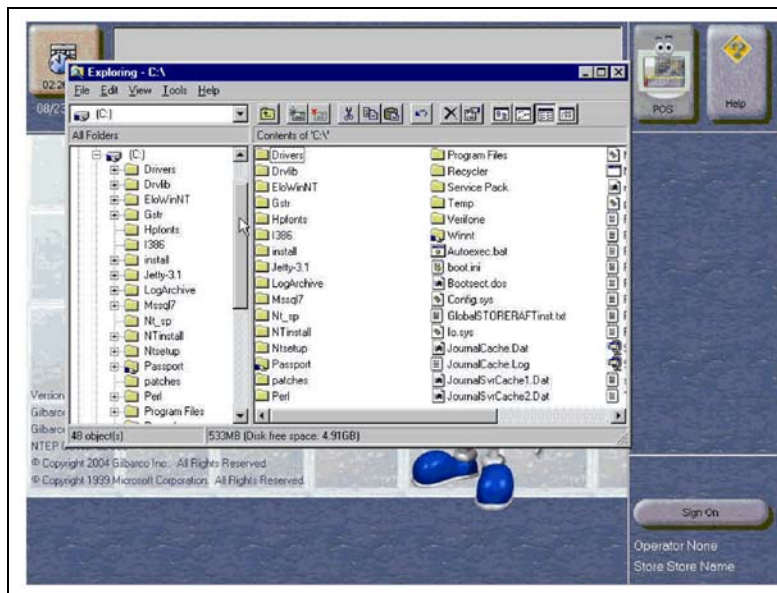
Installing the Printer Driver

To install the printer driver, proceed as follows:

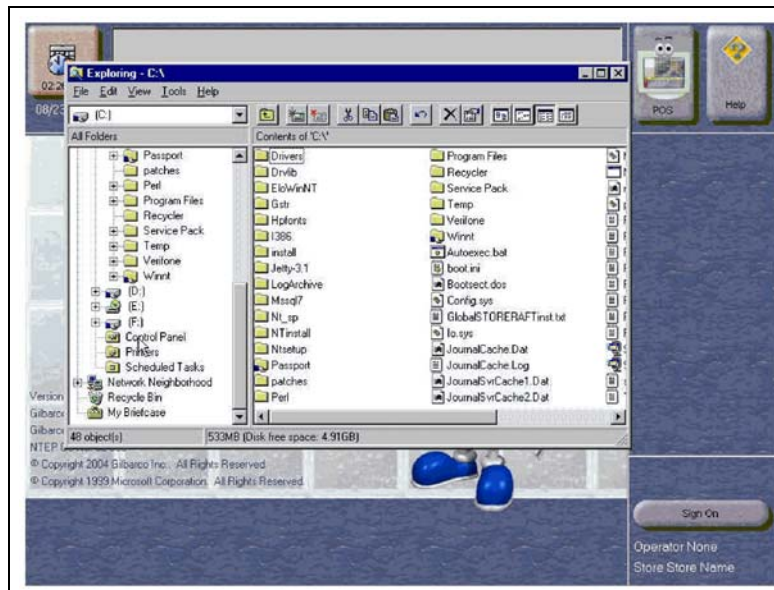
- 1 Open the System Maintenance toolbar on the Passport server (**Ctrl-Alt-P**).



- 2 On the System Maintenance toolbar, click **Explorer**. The following screen appears.



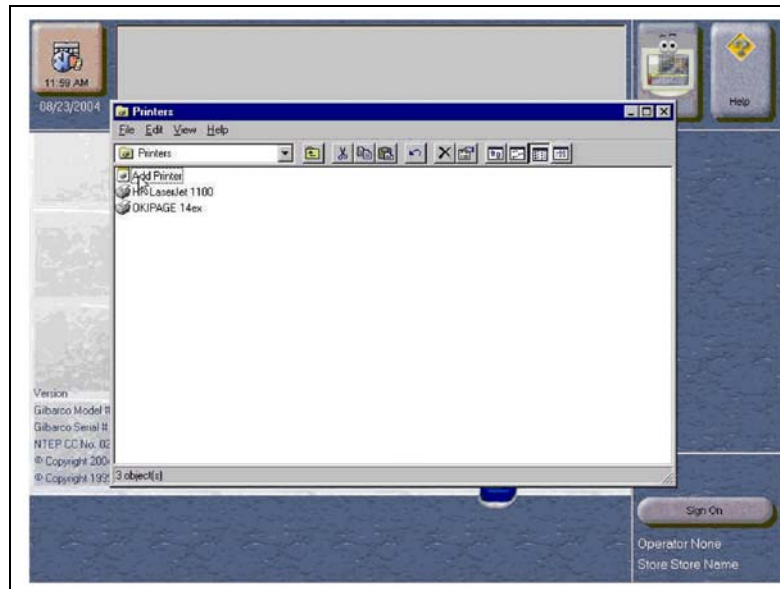
- 3 Scroll down the left hand side of screen and select the “Control Panel” folder.



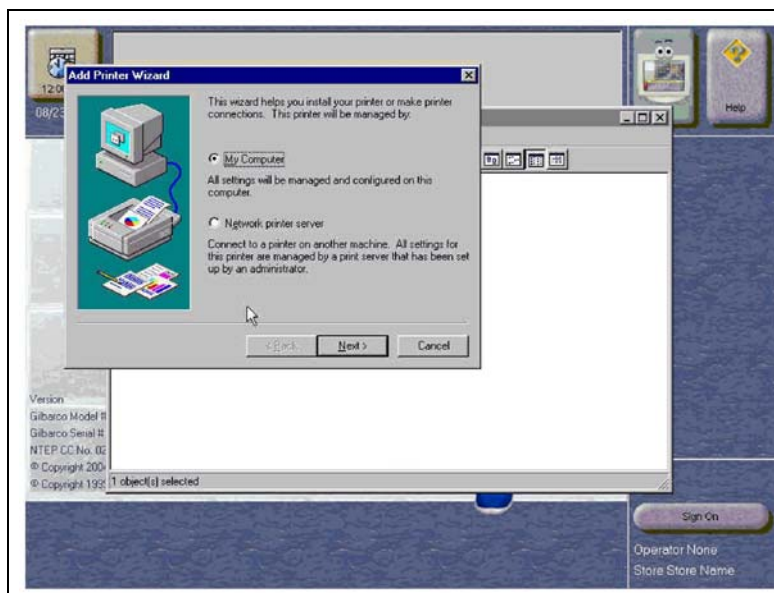
- 4 After the following screen appears, select the “Printers” folder.



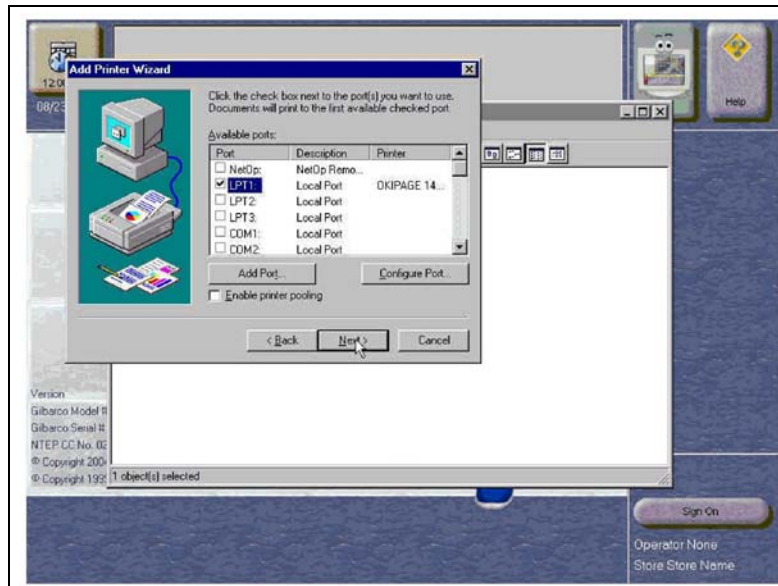
- 5 After the following screen appears (sometimes this may take a couple of minutes), select the “Add Printer” file.



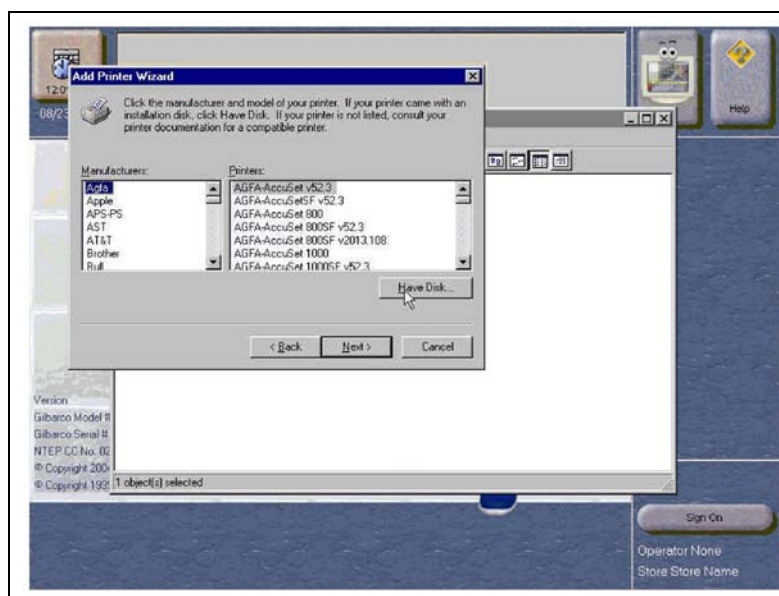
- 6 After the following screen appears, ensure that “My Computer” has the radio button selected, then click **Next**.



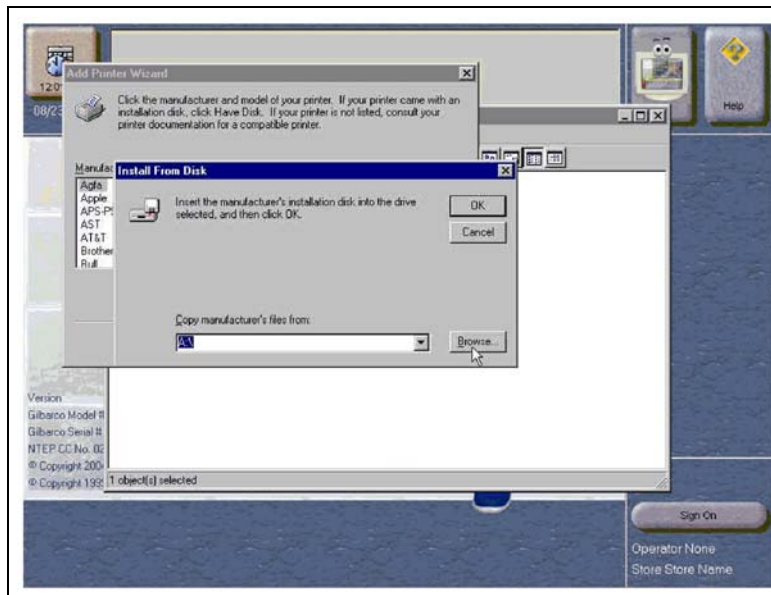
- 7 After the following screen appears, ensure that “LPT1” has check mark in box; then click **Next**.



- 8 After the following screen appears, ensure that the Okidata printer driver CD is in the CD-RW drive and click **Have Disk**.



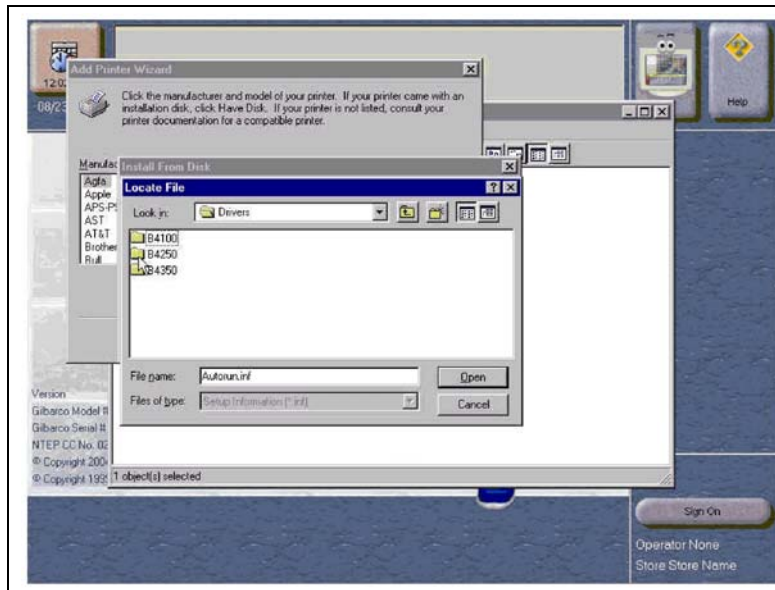
- 9 After the following screen appears, ensure that “E:” is selected in the pull down bar (E: is an example of the drive letter assigned to the CD-RW drive). Once you have selected the correct drive letter for your CD-RW driver, then click **Browse**.



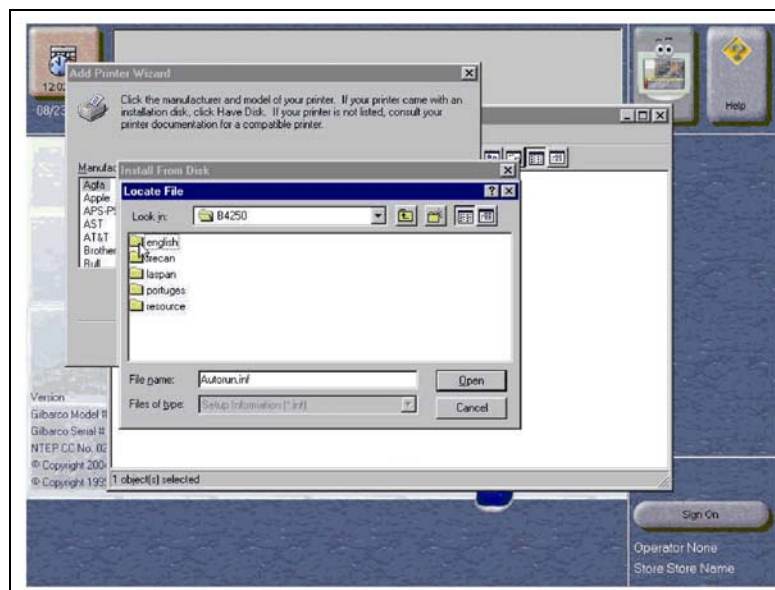
- 10 After the following screen appears, select the “Drivers” folder.



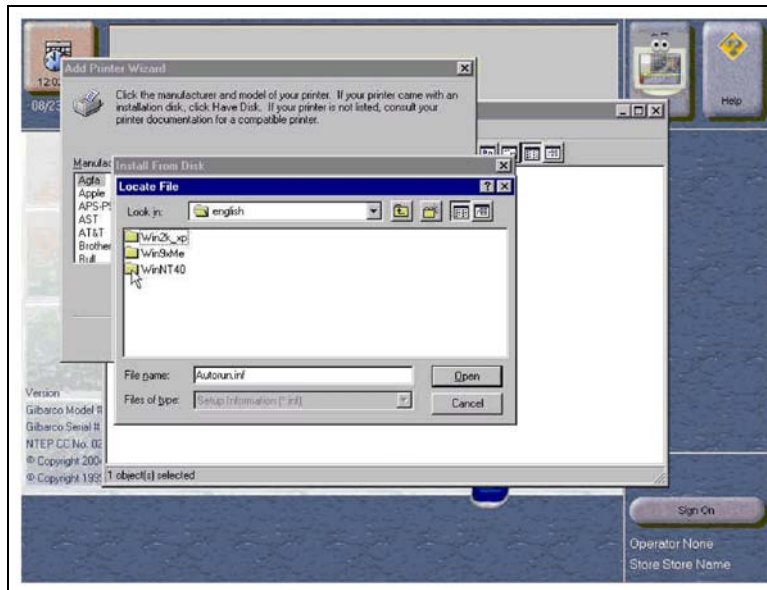
- 11 After the following screen appears, select the “B4250” folder.



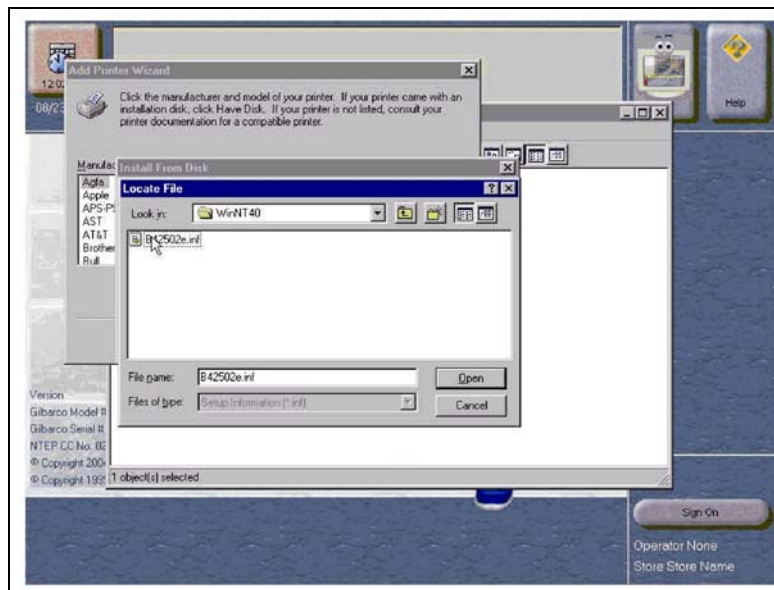
- 12 After the following screen appears, select the “english” folder.



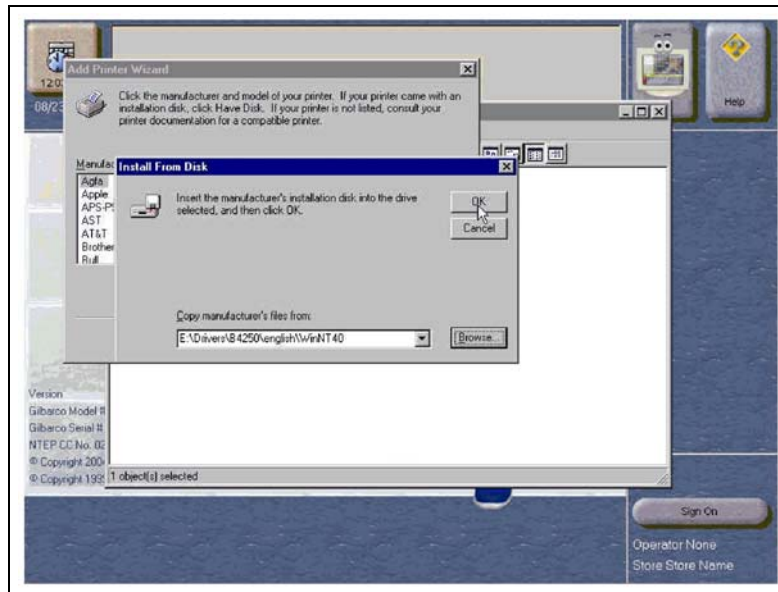
- 13 After the following screen appears, select the “WinNT 40” folder.



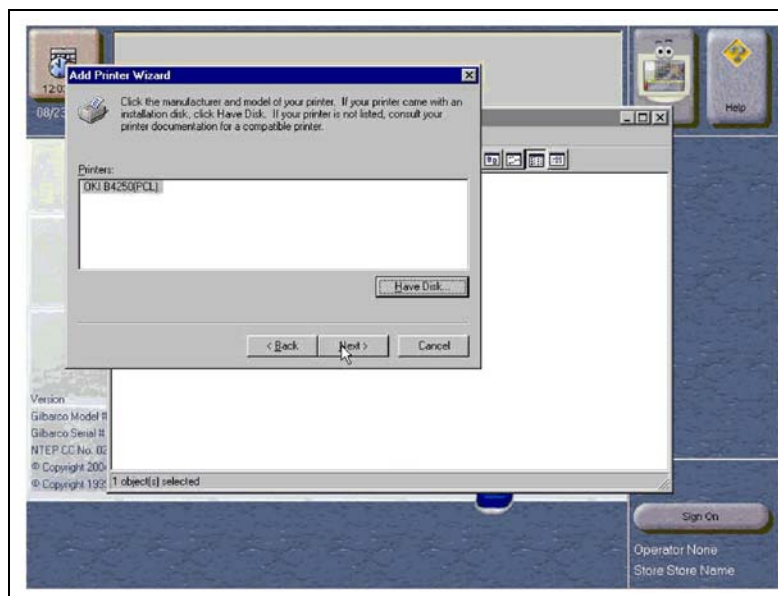
- 14 After the following screen appears, select the “B4250e.inf” file and click **Open**.



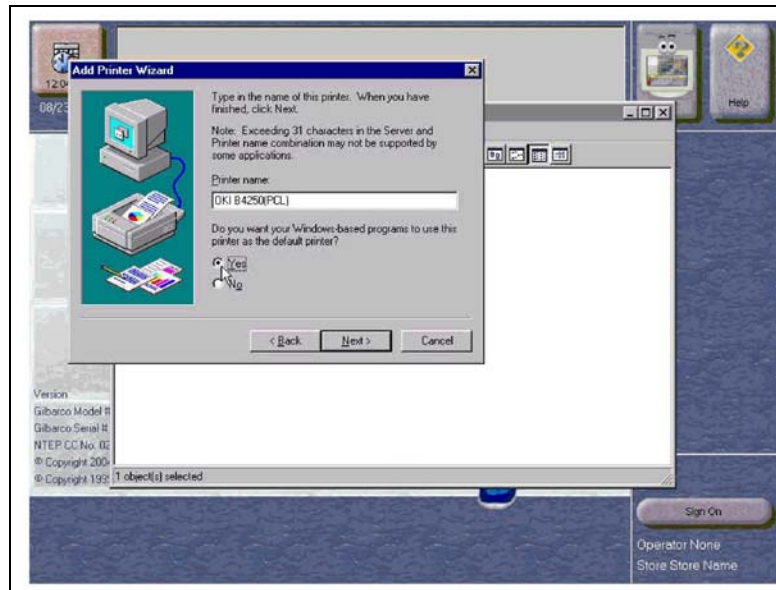
15 After the following screen appears, click **OK**.



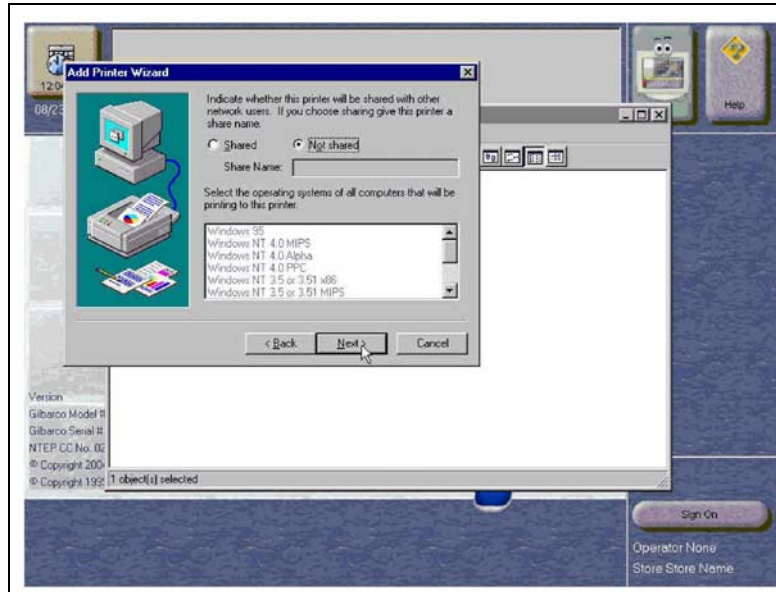
16 After the following screen appears, click **Next**.



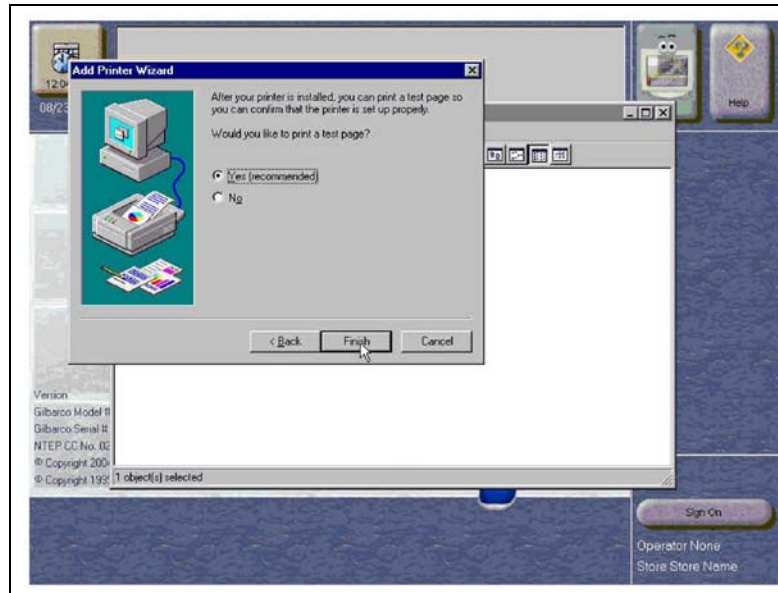
- 17 After the following screen appears, ensure that the radio button is set to “Yes”, then click **Next**.



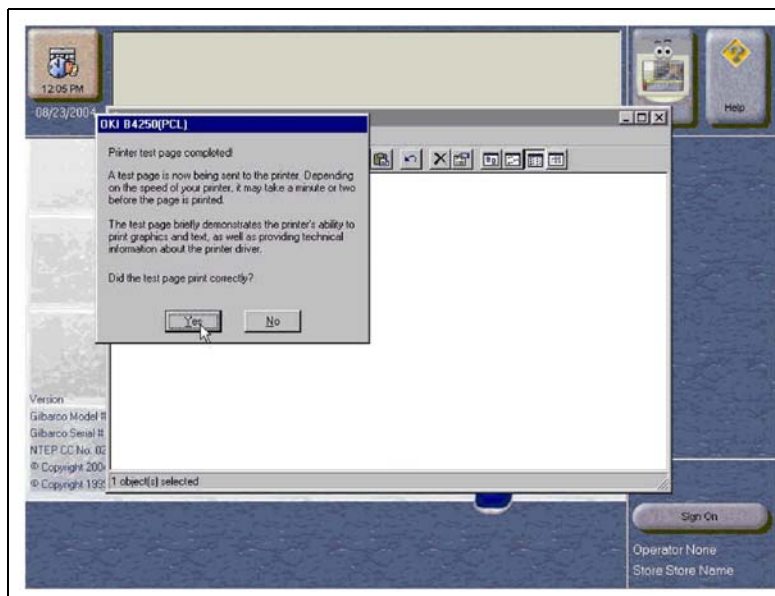
- 18 After the following screen appears, ensure that the radio button is set to “Not shared”, then click **Next**.



- 19 After the following screen appears, ensure that the radio button is set to “Yes (recommended)”, then click **Finish**.



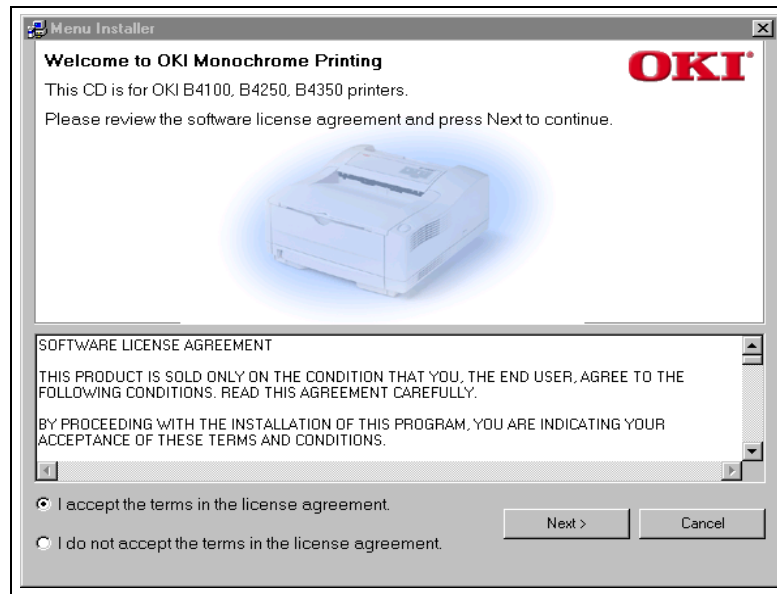
- 20 After the following screen appears, click **Yes** if the test page printed correctly.



Once this is complete, the screen returns to the “Printers” folder under the “Control Panel” folder.

- 21 Select E: drive in Explorer.
- 22 Select “Setup” folder.

- 23 Open the “Install.exe” file. Menu Installer screen will display.

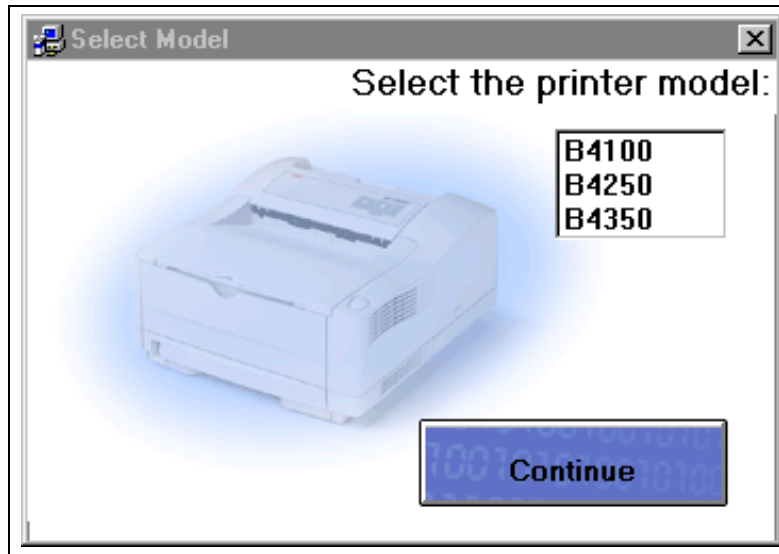


- 24 Select the “I accept the terms in the license agreement” option and then click **Next**.

- 25 When Choose Language option appears, select “English”.



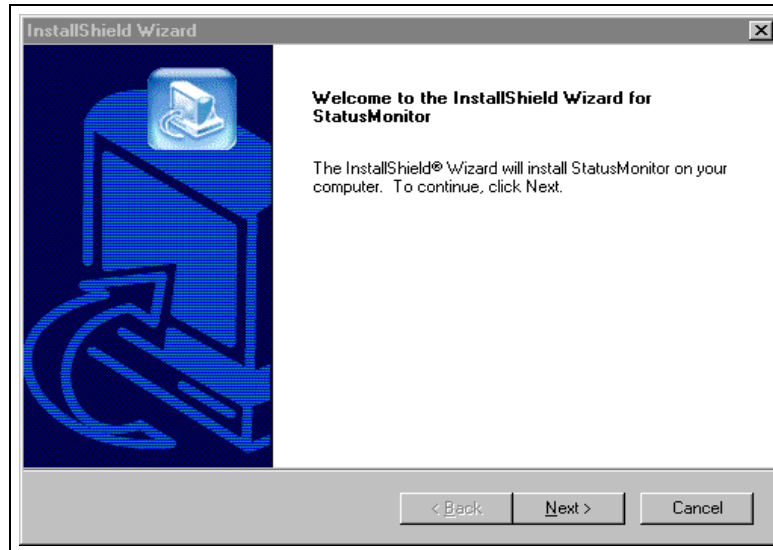
- 26 When the Select Model screen appears, select “B4250” then click **Continue**.



- 27 When the Menu Install screen appears, click **Status Monitor**.



- 28 When the Install Shield screen appears, click **Next**.



- 29 Accept the license agreement.
- 30 When the installation is complete, click **Finish**.
- 31 When the Menu Installer screen appears, click **Exit**.
- 32 When the Online Registration screen appears, check “Do not ask me again” and then click **No**.
- 33 Exit from Explorer.
- 34 Exit from System Maintenance toolbar.

Testing the Printer

To test the printer, proceed as follows:

- 1 Log on to Manager Workstation and click **Reports**.
- 2 Print out one or more reports.
- 3 Ensure that the totals and other information prints correctly.
Note: It is highly recommended that a previous “Store Close” is reprinted as part of the testing process.

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Appendix B: How To Install Okidata 4600 Printer Driver on Passport Server

The present images for Windows 2003 do not support PA03400017 printers. As a result, the driver needs to be installed manually, as outlined in the steps below. Ensure that you keep the printer driver CD and these instructions with the Server's image CDs so that they are available in the event that the site must be re-imaged.

Connecting the Parallel Cable

To connect the parallel cable between the printer and the computer, proceed as follows:

- 1 Turn off the printer and computer.
- 2 Insert a parallel cable into the parallel interface connector on the printer and press the clips against the connector to secure it.
- 3 Insert the other end of the parallel cable into the interface connector of the computer and secure it with the screws.

Setup (Installing the Printer Driver)

Windows 2003

To install the printer driver for Windows 2003, proceed as follows:

- 1 Power-up the server and log on as PassportTech.
- 2 Wait for the computer to fully reboot and then turn on the printer.
- 3 On the "Found New Hardware" window, select the option to manually install software.
- 4 Navigate to the following path on the CD-ROM:

E:\drivers\peripherals\Okidata 4600\drivers\ENJ\WinXP2k

Notes: 1) Drivers for the Okidata 4600 can be found on the S317-1008 Passport Drivers/SLP CD.

2) The drive letter for the CD-ROM may differ from the one used in the example above.

- 5 Once the driver has installed, click **Finish** to close the window.
- 6 Reboot the server.

Windows NT 4.0

To install the printer driver for Windows NT 4.0, proceed as follows:

- 1 Insert the S317-0008 CD-ROM.
- 2 Access the System Maintenance toolbar.
- 3 From the Task Manager tab, delete the System Maintenance process.
- 4 From the Start menu, select **Settings > Printers**.
- 5 Select **Add Printer** from the menu.
- 6 Select the option **My Computer** to install drivers to the local computer.
- 7 Click **Next** to continue.
- 8 Select **LPT1** as the local port to install the printer.
- 9 Click **Next** to continue.
- 10 Select **Have Disk** to install the drivers from the CD-ROM.
Note: Drivers for the Okidata 4600 can be found on the S317-1008 Passport Drivers/SLP CD.
- 11 Click **Browse** and proceed to the following path:
D:\DRIVERS\PERIPH~1\OKIDAT~1\DRIVERS\ENU\WINNT4.
Note: The drive letter for the CD-ROM may differ from the one used in the example above.
- 12 Click **Open** to select the file.
- 13 Click **OK** to continue.
- 14 Highlight **OKI 4600(PCL)** from the list of printers. Click **Next** to continue.
- 15 Select **Yes** for Windows-based programs to use the device as a default printer.
- 16 Click **Next** to continue.
- 17 Select **Not Shared** to ensure that you do not share the printer with other computers.
- 18 Click **Next** to continue.
- 19 Select **Yes** to print a test page after the driver installation.
- 20 Click **Finish** to end the driver installation.
- 21 Click **Yes** to confirm that the test page printed successfully.
- 22 Close all open windows and reboot the computer.

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