



TDP 6s® Tablet Press IQ/OQ



We don't just sell machines—we provide service.

LFA Signature Identification



Prepared by	Name	Title	Date
Author	Callie Scott	Technical Writer	2022-02-08
Approved by	Name	Title	Date
Manufacturing	Angus Wang	Purchasing	
Engineering			
Quality	Russell Crispin	Quality Control	

Comments:		 	 	 		
Reviewed B	<i>/</i> -				D	ate

Contents

LFA Signature Identification	2
Qualification Protocol	4
Purpose and Background	4
Scope	4
Qualification Protocol	5
Responsibilities	6
General Requirements	7
Codes and Abbreviations	8
Equipment and Process Description	9
Test Equipment	10
Installation Qualification Protocol	11
Document Qualification	11
Installation Position and Space Qualification	17
Safety Measures Qualification	20
Equipment Appearance Qualification	25
Operational Qualification Protocol	27
Production and Output Qualification	27
Protocol Deviation Log	34

Comments:	
	•••••••••••••••••••••••••••••••••••••••
Reviewed By:	Date:



Purpose and Background

The purpose of this Installation Qualification (IQ)/Operational Qualification (OQ) Protocol is to establish documented evidence that the TDP 6s® and its ancillary systems have been installed according to the system specifications, have been configured per applicable manufacturer's recommendations, design specifications, and process requirements, and performs the intended functions as specified in the protocol.

Scope

Equipment

This IQ/OQ Protocol applies to the following equipment:

Items	System Information
URS Reference	N/A
Factory Acceptance Testing (FAT) Reference	
Project Master Validation Plan Number	N/A
Site Master Validation Plan Number	N/A
Equipment Name/Description	TDP 6s/Desktop Tablet Press
Manufacturer	LFA Machines
Version Number	2
Serial Number	
Equipment ID Number or Asset Number	
Previous Qualification/Validation Number(s) (if applicable)	N/A
Is system new, modified, moved, periodic review, or revalidation?	
If revalidation, attach necessary change control document(s) and record attachment number. Provide reason for revalidation.	

Comments:	
••••	
Reviewed By	Date:
,	



System Requirements

This IQ/OQ Protocol applies to the following system requirements:

System Requirement	Target
Output Speed Target	3,000 tablets per hour
Availability	90% (10% of potential availability taken up by cleaning, maintenance, etc.)
Quality Rate	+/-5% accuracy on tablet weight and hardness
Overall Equipment Effectiveness (OEE)	90-95%
Crew Target	1 person

Comments:	
Reviewed By:	Date:



Responsibilities

The table below displays information regarding the individuals involved in developing this qualification protocol.

Department/Individual	Responsibilities
Validation Author	 Develops the process validation plan, protocol, and report. Confirms accuracy and completeness of the validation and qualification deliverables.
Validation Project Leader	 Defines validation and qualification deliverables (i.e., process validation plan, protocol, and report, project monitoring, protocol execution). Acquires inputs from any needed technical experts to determine the activities appropriate to the validation. Identifies the resources required to conduct the validation.
Technical Representative	 Provides knowledge with regard to the equipment/process/ product undergoing validation and qualification. Provides assistance to the Validation Project Leader with respect to the technical aspects of the equipment/process/ product. Provides help with study designs, acceptance criteria, and statistical analysis, as necessary.
Quality Assurance/Quality Management	 Reviews and approves validation and qualification documentation. Ensures that each document is complete, accurate, and compliant with applicable validation requirements. Reviews and approves deficiencies that occur during validation.

Comments:		
Reviewed By:	Date:	



General Requirements

Completion of Installation Qualification (IQ) and Operational Qualification (OQ) shall be governed by the following general guidelines:

- Prior to starting any test case, the individual(s) involved in the test execution shall be trained on both the protocol and applicable procedure(s) required to execute the test cases.
- Except for the protocol approvers, each person who performs or reviews any section of tests within this document must complete the Signature Identification sheet.
- All tests that require the person executing the protocol to make a comparison, calculation or
 a judgment of satisfactory completion, will include a "Pass" or "Fail" column. This section will
 require the person executing the protocol to enter the disposition of each test or test step as
 appropriate.
- Any discrepancy encountered during execution will be documented as a deviation and will
 require analysis to determine the root cause, assessment of deviation risk, and corrective
 action recommendation, including repeat testing as appropriate. The deviation must be
 reviewed and approved prior to completing the associated test case. Each deviation shall
 be sequentially numbered and listed in a supported report log. The corresponding test case
 should reference the related deviation number.
- All test instruments used in the execution of this protocol must have a current calibration
 certification, traceable to NIST or applicable international standards. When the certificates for
 these instruments are held in the quality system (i.e., site calibration program), a verification of
 certification is sufficient. For all other instruments, current calibration must be demonstrated
 through calibration certificates.
- Any comments regarding the test case(s) will be recorded on the data sheets under the "Comments" section.
- The "Reviewed By" signature line will be signed by an independent reviewer who has read the respective test case and agrees with execution and conclusions.
- All supporting documentation and attachments must be identified or labeled with the minimum
 of the identification number, pagination (page of page), protocol number, and applicable test
 case(s).

General Acceptance Criteria

- The test case is successful and passes when all test steps meet the acceptance criteria.
- Successful completion of the protocol is achieved when all test cases have been successfully completed and all deviations resolved.

Comments:	
Reviewed By:	Date:



Codes and Abbreviations

Code	Meaning
amps	Amperes
CE	Certification mark that indicates conformity with health, safety, and environmental protection standards sold within the European Economic Area
°C	Degree centigrade
Dev No.	Deviancy number
IQ	Installation Qualification
kg	Kilogram
kN	Kilonewton
mm	Millimeter
NIST	National Institute of Standards and Technology
Nm	Newton meter
OQ	Operational Qualification
PPE	Personal protective equipment
RH	Relative humidity
TDP®	LFA registered trademarked term meaning desktop tablet press

Comments:	
Reviewed By:	Date:



Equipment and Process Description

TDP 6s® Process

The basic mechanism of the TDP 6s[®] involves filling the Tooling (Die, Upper Punch, and Lower Punch) with powder, compressing the powder, and ejecting the tablet.

Filling the Tooling with Powder

The dry materials are poured into the Hopper, which funnels the powder into the Boot. As the Hand Wheel is manually operated, the Top Cam withdraws the Upper Punch from the Die and moves up the Lower Punch to the Die.

When the machine is operated by the motor, the Drive Belt Pulley and V Belt initiate the movement of the Electrical Drive Flywheel, which moves the Top Cam to withdraw the Upper Punch from the Die and pushes up the Lower Punch.

Compressing the Powder

After the powder is filled in the Tooling, the Top Cam drives the Upper Punch into the Die, and the Lower Punch is then raised by the Top Cam. Both punches then move together to compress the powder under high pressure.

Ejecting the Tablet

After both punches compress the powder into a tablet, the Top Cam withdraws the Upper Punch while the Lower Punch is pushed upward to expel the tablet. The tablet is then pushed out of the way by the Boot to prepare for the next tablet compression.

Comments:		
Reviewed By:	Date:	



Test Equipment

Equipment	Serial Number	Calibration Certificate Number	Calibration Date	Initial and Date
Compact force gauge				
Calipers				
Graduated steel ruler				
Indoor thermometer				
Hygrometer				
Multimeter				
Belt tension gauge				

Comments:		
Reviewed By:	Date:	





Т	DP	6s®	_	Serial	Numbe	r
---	----	-----	---	--------	-------	---

TEST No. TDD01		PACKING LIST			
Purpose o	of Te	est			
To confirm	the	presence	of the packing list with the appropriate	priate information.	
Method					
1	Lo	cate packin	g list with the shipping container.		
2	ı	Confirm the package list includes description of products, quantity, net weight and gross weight.			
Results	sults				
Test		Acceptance Criteria		Pass/Fail	
1		Description of products is present.			
2		Quantity of products is present.			
3		Net weight of shipment is present.			
4		Gross weight of shipment is present.			
Result		Dev No.	Completed by (Initial/Date)	Verified by (Initial/Date)	

Comments:		
Reviewed By:	Date:	





IDI 03 OCHALINALIDE	TDP	6s® -	- Serial	Numbe
---------------------	-----	-------	----------	-------

TEST No. TDD02		QUALIFICATION CERTIFICATE				
Purpose of	of Te	est				
To confirm	the	presence (of CE qualification certificate.			
Method						
1	Ins	pect the CE	certification.			
2	Со	nfirm signat	ure of authorized LFA personnel.			
Results						
Test		Acceptance Criteria		Pass/Fail		
1		CE qualification certificate is complete.				
2	Signature of authorized LFA personnel is present.					
Result		Dev No.	Completed by (Initial/Date)	Verified by (Initial/Date)		

Comments:		
Reviewed By:	Date:	





TDP	6s® -	Serial	Num	ber
-----	-------	--------	-----	-----

TEST No. TDD03		FACTORY ACCEPTANCE TEST REPORT AND QUALITY CONTROL CHECKLIST				
Purpose o	of Te	est				
To confirm	the	presence	of factory acceptance test (FAT)	report.		
Method						
1	Ins	pect the FA	T report.			
2	Со	nfirm quality	an location is included.			
Results						
Test	Acceptance Criteria		Acceptance Criteria	Pass/Fail		
1		FAT report is complete.				
Quality control checklist from LFA Taiwan location is complete.						
Result		Dev No.	Completed by (Initial/Date)	Verified by (Initial/Date)		

Comments:		
Reviewed By:	Date:	

Document Qualification



TDP	6s® -	Serial	Number
-----	-------	--------	--------

The objective of Document Qualification is to confirm the presence and validity of the appropriate documents.

TEST No. TD3D01		MATERIAL CERTIFICATE				
Purpose of	of To	est				
To confirm	the	presence o	of materials certificate.			
Method						
1	Ро	int of contac	ct materials are certified by third	party.		
2	Со	nfirm mater	als are accurate to LFA standard	I.		
Results						
Test		Acceptance Criteria		Pass/Fail		
1		Hopper material is confirmed to be 304 stainless steel.				
2		Boot mater coat CR.	ial is confirmed to be copper			
3		Base Plate steel coat	material is confirmed to be A3 CR.			
4		Tooling is confirmed to be material that user specified.				
5		Ejection Tray material is confirmed to be 304 stainless steel.				
Result		Dev No.	Completed by (Initial/Date)	Verified by (Initial/Date)		

Disclaimer

This materials certificate does not come with the machine. The point of contact materials on the machine must be tested and certified by a third party.

Comments:	
Reviewed By:	Date:





TDP	6s® -	Serial	Number
-----	-------	--------	--------

TEST No. TDD05		PRODUCT MANUAL				
Purpose o	of Test					
To confirm	the presence	of product manual.				
Method						
1	Find the TDP 6s® product manual at https://www.lfatabletpresses.com/ product-data in Product Manuals section.					
2	Confirm produ	uct manual link is accessible.				
Results	Results					
Test		Acceptance Criteria	Pass/Fail			
1	Product m	anual PDF is accessible and wnloaded.				
Result	Dev No.	Completed by (Initial/Date)	Verified by (Initial/Date)			

Comments:	
Reviewed By:	Date:





TDP	6s® -	Serial	Num	ber
-----	-------	--------	-----	-----

TEST No. TDD06	ELECTRICAL WIRING DIAGRAM				
Purpose of	of Test				
To confirm	the presence	of electrical wiring diagram.			
Method					
1	Find the appropriate product manual at https://www.lfatabletpresses.com/ product-data in Product Manuals section.				
2	Inspect the electrical wiring diagram in the product manual's appendix.				
Results	Results				
Test		Acceptance Criteria	Pass/Fail		
1	Electrical wiring diagram is accessible within the manual.				
Result	Dev No.	Completed by (Initial/Date)	Verified by (Initial/Date)		

Comments:		
Reviewed By:	Date:	





TD	P	6s®	_	Serial	Num	ber
----	---	-----	---	--------	-----	-----

The objective of Installation Position and Space Qualification is to confirm the space and environmental conditions required for installation and operation.

TEST No. TD3IS01	WORKSPACE SURFACE				
Purpose of	of Test				
1	the workspac e and user.	e surface accounts for the machi	ne's weight and force exerted		
Method					
1	Ensure workspace surface supports machine's weight of 160 kg (around 352 lbs).				
2	Ensure the wo	orkspace surface supports an add	ditional 45 kg (around 99 lbs).		
Results	Results				
Test		Acceptance Criteria	Pass/Fail		
1	I -	e surface is sturdy enough to 05 kg (around 541 lbs).			
Result	Dev No.	Completed by (Initial/Date)	Verified by (Initial/Date)		

Disclaimer

Consult either a civil engineer or building manager to complete and verify the workspace surface qualification test.

Comments:	
Reviewed By:	Date:





TDP	6s® -	Serial	Number
-----	-------	--------	--------

The objective of Installation Position and Space Qualification is to confirm the space and environmental conditions required for installation and operation.

TEST No. TDIS02		WORKSPACE TEMPERATURE				
Purpose o	of To	est				
To confirm	the	workspace	e's temperature levels are accept	able for machine operation.		
Method	Method					
1	Ме	easure the workspace's temperature with an indoor thermometer.				
Results	Results					
Test			Acceptance Criteria	Pass/Fail		
1		Workspace temperature measures within 18-24 °C (64-75 °F).				
Result	It Dev No. Completed by (Initial/Date)		Completed by (Initial/Date)	Verified by (Initial/Date)		

Comments:	
Reviewed By:	Date:





TDP	6s® -	Serial	Number
-----	-------	--------	--------

The objective of Installation Position and Space Qualification is to confirm the space and environmental conditions required for installation and operation.

TEST No. TDIS03		HUMIDITY				
Purpose o	of To	est				
To confirm	the	workspace	e's relative humidity levels are ac	ceptable for machine operation.		
Method						
1	Ме	Measure the workspace's humidity with a hygrometer.				
Results						
Test	Acceptance Criteria			Pass/Fail		
1		Workspace relative humidity measures within 45-65% RH.				
Result		Dev No. Completed by (Initial/Date)		Verified by (Initial/Date)		

Comments:	
Reviewed By:	Date:





Т	DP	6s®	_	Serial	Numbe	r
---	----	-----	---	--------	-------	---

TEST No. TDSM01		LIFTING EQUIPMENT				
Purpose o	of Te	est				
To confirm	tha	at the prope	r lifting equipment is available for	r mounting the machine.		
Method						
1	En	sure hoist a	nd lifting strap are available.			
2	En	sure eye bo	It is attached to top of machine.			
3		Ensure lifting strap supports the machine and does not induce any swinging or tilting of the machine.				
Results						
Test			Acceptance Criteria	Pass/Fail		
1		Engine hoi position.	st and lifting strap are in			
2	Eye bolt is attached to top of machine with eye bolt thread fully screwed in.					
3	Lifting strap is secure and supports the machine's weight in a balanced way.					
Result		Dev No.	Completed by (Initial/Date)	Verified by (Initial/Date)		

Comments:	
Reviewed By:	Date:



Safety Measures Qualification

|--|

TEST No. TDSM02		MOUNTING SECURITY				
Purpose o	of Te	est				
To confirm	the	machine is	s firmly bolted to the workspace s	surface.		
Method						
1	sur		e three bolts used to secure the e same ones that were used to a ainer.	-		
2	Use a torque wrench to ensure the max tightening torque of the M10 bolts is 42.1 Nm.			ing torque of the M10 bolts is		
Results						
Test			Acceptance Criteria	Pass/Fail		
1	The three bolts used to secure the machine are M10.					
2	The max tightening torque of the bolts are 42.1 Nm.					
Result Dev No. Completed by (Initial/Date)		Verified by (Initial/Date)				

Comments:	
Reviewed By:	Date:





TDP	6s® -	Serial	Numb	er
-----	-------	--------	------	----

TEST No. TDSM03		PERSONAL PROTECTIVE EQUIPMENT		
Purpose o	of Te	est		
		er has acce machine o	ss to the following items of persoperation.	onal protective equipment (PPE)
Method				
1	En	sure protect	tive equipment is on hand before	using the machine.
Results				
Test		Acceptance Criteria Pass/Fail		
1		Steel toe boots are in possession.		
2		Heavy duty grip gloves are in possession.		
3		Back support belt is in possession.		
4		Safety goggles are in possession.		
5		Disposable latex/rubber gloves are in possession.		
6		Hairnet and/or beard net are in possession (if applicable).		
Result		Dev No.	Completed by (Initial/Date)	Verified by (Initial/Date)

Comments:		
Reviewed By:	Date:	





TDP	6s® -	Serial	Number
-----	-------	--------	--------

TEST No. TDSM04		MAX TIGHTENING TORQUE ON BOLTS			
Purpose of	f Te	est			
To confirm	bol	ts on the m	achine are secure.		
Method					
		e a torque v ts are appr	vrench to ensure the max tighten opriate.	ing torque of major machine	
Results					
Test			Acceptance Criteria	Pass/Fail	
1		Die's M6 b	olt is 4.3 Nm.		
2		Base Plate's M10 bolt is 16.2 Nm.			
3		Lower Punch's M6 bolt is 4.3 Nm.			
4		Lower Drift M6 bolt is	Pin Assembly Locking Bar's 4.3 Nm.		
5		Lower Drift M20 bolt is	Pin Assembly Lifting Bar's 153 Nm.		
6		Boot Bolt a	and Spring is M10 and 8.1 Nm.		
7		Boot Timing Bar's M8 bolt is 9.7 Nm.			
Result		Dev No.	Completed by (Initial/Date)	Verified by (Initial/Date)	

Comments:		
Reviewed By:	Date:	





TDP 6s® - Serial Number	
-------------------------	--

The objective of Safety Measures Qualification is to confirm that machine installation meets requirements of safe production.

TEST No. TDSM05		CORRECT LOCAL VOLTAGE		
Purpose o	f Te	est		
To confirm	tha	t the works	pace has the correct local voltag	e for the machine.
Method				
Ensure the workspace has the correct voltage.				
Results				
Test		Acceptance Criteria Pass/Fail		Pass/Fail
1	Workspace electrics support either 240 V, 220 V, or 110 V.			
Result		Dev No. Completed by (Initial/Date)		Verified by (Initial/Date)

Disclaimer

Consult a licensed electrician to complete and verify the correct local voltage qualification test.

Comments:	
Reviewed By:	Date:





The objective of Equipment Appearance Qualification is to confirm no damage to the machine's appearance during installation.

TEST No. TDEA01		NAMEPLATE		
Purpose o	of Te	est		
To confirm clear.	tha	t the namer	plate is securely fixed onto the m	achine and its information is
Method				
1	En	sure that the	e nameplate is securely fitted to t	the machine.
2		sure that the	e nameplate contains details that e.	are pertinent to the operation
Results				
Test		Acceptance Criteria		Pass/Fail
1		Nameplate is present.		
2		Nameplate displays machine name.		
3		Nameplate displays version number.		
4		Nameplate displays serial number.		
5	Nameplate displays voltage and power requirements.			
6		Nameplate displays motor type.		
Result		Dev No.	Completed by (Initial/Date)	Verified by (Initial/Date)
				

Comments:		
Reviewed By:	Date:	





TDP	6s® -	Serial	Number
-----	-------	--------	--------

The objective of Equipment Appearance Qualification is to confirm no damage to the machine's appearance during installation.

TEST No. TDEA02		MACHINE BODY AND WIRING			
Purpose o	of Test				
To confirm	that the	machi	ne has no obvious damage to bo	dy and/or wiring.	
Method					
1			chine body for obvious indentati amages.	ons, spots, scratches, cracks,	
2	Inspect	the wi	ing, cables, and electrical box fo	r damage.	
Results					
Test			Acceptance Criteria	Pass/Fail	
1	1 Machine body has no obvious damage.				
Machine's wiring, cables, and electrical box have no damage.					
Result	Dev	v No.	Completed by (Initial/Date)	Verified by (Initial/Date)	

Comments:		
Reviewed By:	Date:	





TDF	6s [®]	-	Serial	Num	ber
-----	-----------------	---	--------	-----	-----

The objective of Production and Output Qualification is to confirm the maximum production and output values of the machine.

TEST No. TD3OQ01		ELECTRICAL OUTPUT LEVELS			
Purpose of	Tes	t			
To confirm t	hat	the machine	e's kilowatt, voltage, and ampere	levels are correct.	
Method					
1	Us	e a multime	ter to measure the machine for e	ach unit.	
Results					
Test			Acceptance Criteria	Pass/Fail	
1	Maximum kilowatts is 0.75.				
2	Maximum volts is 240.				
3	3 Maximum amps is 13.				
Result		Dev No.	Completed by (Initial/Date)	Verified by (Initial/Date)	

Disclaimer

Consult a licensed electrician to complete and verify the electrical output levels qualification test.

Comments:	
Reviewed By:	Date:





TDP	6s® -	Serial	Numb	er
-----	-------	--------	------	----

TEST No. TD3OQ02		MAXIMUM PRESSURE				
Purpose of	Te	st				
To confirm	that	the machin	e's maximum pressure level is ac	ccurate.		
Method						
1	Remove the Tooling from the press in accordance with product manual instructions (found at https://www.lfatabletpresses.com/product-data).					
2	ı	-	t force gauge to record the maxi Assembly against the Base Plat	•		
Results						
Test			Acceptance Criteria	Pass/Fail		
1	Maximum pressure produced is 60 kN (0.3 kN tolerance).					
Result			Completed by (Initial/Date)	Verified by (Initial/Date)		

Comments:		
Reviewed By:	Date:	





TDP	6s® -	Serial	Num	ber
-----	-------	--------	-----	-----

TEST No. TD3OQ03		MAXIMUM TABLET DIAMETER				
Purpose of	Te	st				
To confirm	that	the machin	e's maximum tablet diameter is 2	22 mm.		
Method						
1	l		Tooling in press in accordance w :://www.lfatabletpresses.com/pro			
2	Produce a test tablet using Firmapress as a control mix (purchase at https://www.lfatabletpresses.com/ready-mix-firmapress).					
3	3 Measure the test tablet with a set of calipers.					
Results	Results					
Test			Acceptance Criteria	Pass/Fail		
1	Maximum tablet diameter produced is 22 mm (+/-5%).					
Result	Result Dev No. Completed by (Initial/Date)		Completed by (Initial/Date)	Verified by (Initial/Date)		

Comments:	
Reviewed By:	Date:





TEST No. TD3OQ04		MAXIMUM TABLET THICKNESS		
Purpose of	f Te	st		
To confirm	that	the machin	e's maximum tablet thickness 6	mm.
Method				
1	Adjust Tooling to increase tablet thickness in accordance with product manual instructions (found at https://www.lfatabletpresses.com/product-data).			-
2	Produce a test tablet using Firmapress as a control mix (purchase at https://www.lfatabletpresses.com/ready-mix-firmapress).			
3	3 Measure the test tablet with a set of calipers.			
Results	Results			
Test		Acceptance Criteria		Pass/Fail
1	Maximum tablet thickness produced is 6 mm (+/-5%).		-	
Result	t Dev No. Completed by (Initial/Date)		Completed by (Initial/Date)	Verified by (Initial/Date)

Comments:		
Reviewed By:	Date:	





TDP	6s® -	Serial	Num	ber
-----	-------	--------	-----	-----

TEST No. TD3OQ05		MAXIMUM FILLING DEPTH		
Purpose o	f Te	st		
To confirm	that	the machir	ne's maximum fill depth level is 1	2 mm.
Method				
1	1	_	to increase fill depth in accordanged at https://www.lfatabletpres	-
2	Tur	n the Hand	le until the Lower Punch is fully le	owered.
3	Insert a pipe cleaner (or anything similar that is non-abrasive) into the Die bore.			
4	4 Mark the point at which the pipe cleaner meets the Die bore's edge.			the Die bore's edge.
5	Measure the fill depth with a graduated steel ruler.			ıler.
Results	Results			
Test	Acceptance Criteria Pass/Fail		Pass/Fail	
1	Maximum fill depth is 12 mm (+/-5%).		fill depth is 12 mm (+/-5%).	
Result	Result Dev No. Completed by (Initial/Date)		Verified by (Initial/Date)	

Comments:		
Reviewed By:	Date:	





TDP	6s®	- S	erial	Ν	um	ber
-----	-----	-----	-------	---	----	-----

TEST No. TDOQ06	MAXIMUM HOURLY TABLET PRODUCTION			
Purpose of	of Test			
	that the macl	nine's maximum hourly tablet proc 3,000.	luction level is approximately no	
Method				
1	Automatically operate the machine for one minute using Firmapress as a test mix (purchase at https://www.lfatabletpresses.com/ready-mix-firmapress).			
2	Record the tablet amount produced in one minute.			
3	3 Calculate the hourly output by multiplying the tablet amount by 60.			
Results				
Test	Acceptance Criteria		Pass/Fail	
1	Maximum hourly tablet production is approximately 5,400 pieces (+/-5%).			
Result	Result Dev No. Completed by (Initial/Date)		Verified by (Initial/Date)	

Comments:		
Reviewed By:	Date:	





TEST No. TDOQ07	V BELT TENSION			
Purpose o	of Test			
To confirm	that th	he machi	ne's V Belt tension is accurate.	
Method				
1	Unplug the machine.			
2	Measure the machine's V Belt with a belt tension gauge.			
Results				
Test	Acceptance Criteria		Acceptance Criteria	Pass/Fail
1	V Belt's tension measures to be [N] 94.42 (+/-5%).		nsion measures to be [N] 94.42	
Result	Dev No. Completed by (Initial/Date)		Completed by (Initial/Date)	Verified by (Initial/Date)

Comments:	
Reviewed By:	Date:

Protocol Deviation Log



TDP 6s® - Serial Number	
-------------------------	--

Record each of the deviations raised during the completion of the protocol and the date the deviation is resolved.

Deviation No.	Deviation Description	Date Resolved	Initial and Date

Comments:		
Reviewed By:	Date:	



www.lfamachines.com

United Kingdom

Unit 4B
Murdock Road
Bicester
Oxfordshire
United Kingdom
OX26 4PP

United States

6601 Will Rogers Blvd
Fort Worth
Texas
United States
76140

Germany

Business Parc Am
Trippelsberg 92
Düsseldorf
Germany
40589

Taiwan

7F-5, No. 2, Sec. 2
Taiwan Blvd
West District
Taichung City
403