



Document Number: FB003281

Revision: A

Group: Fact Book Type: External

State: Released

Latest Released: YES

Implemented Date: 02/13/2019

Stamp Date: Wednesday, February 13, 2019 8:22:22 AM ES



Johnson & Johnson Medical Spa (EES Italy) Rome, Italy

Service and Repair Center Approval for the 1000, 2100, 2100J, 2200, and 2200J Product Codes

Factbook FB003281



Factbook Approval

We have reviewed and do approve Factbook FB003281, Addendum to Factbook FB000057 Rev A, for the service and repair of the Mega Power 1000 Generator, Mega Vac 2100 and 2100J, and Mega Vac+2200 and 2200J at Johnson & Johnson Medical Spa (EES Italy), Rome, Italy. We find that the documentation contained in this Factbook meets the requirements as defined by WE001534, Rev E, Establishment and Certification of Service Depot, Field Service, and Parts Depot Centers. The signoff of this Factbook represents the certification process and indicates the service center is to be considered authorized/qualified to perform service on the identified products.

E-Sig in Epi Center	E-Sig in Epi Center
Jamie Best Manager, International Service Center	Date
E-Sig in Epi Center	E-Sig in Epi Center
Robert Peters Team Leader, Customer Quality Worldwide Service and Repair	Date



FACTBOOK CHECKLIST

Date: 16-January-2019

From: Jason Stivers

Attention: Factbook FB003281 Re: 1000, 2100, 2100J, 2200, 2200J

Activity	Complete	Not Applicable
Service System Quality Assessment	٧	
Technical Training Program	٧	
Documentation System	٧	
Equipment Installation Qualification (EIQ)	٧	
Physical Requirements	٧	
Operating Agreement	٧	
Start-Up Activities	٧	
Supplier Approval	٧	

Indicate Activity status with a single " \sqrt " mark.

E-Sig in Epi Center (Eric Smith Signing For)

Jason Stivers

Service Engineer, EES – Service Staff Engineer



FACTBOOK STRATEGY

Date: 16-January-2019

From: Jason Stivers

Attention: Factbook FB003281 Re: 1000, 2100, 2100J, 2200, 2200J

The support data establishing Johnson & Johnson Medical Spa (EES Italy), Rome, Italy as an Ethicon Endo-Surgery authorized service center for the 1000, 2100, 2100J, 2200, and 2200J MegaDyne capital equipment is contained in this Factbook.

The process used follows WE001534 Rev E, Establishment and Certification of Service Depot, Field Service, and Parts Depot Centers. A Service and Repair Facility Qualification Record has been created which serves as the index for this Factbook. Approval signatures will appear on each memorandum page as outlined by the Service and Repair Facility Qualification Record.

This information is an Addendum to the original Factbook FB000057 Rev A that qualified Johnson & Johnson Medical Spa (EES Italy), Rome, Italy as an authorized service center for the GEN04. J&J Medical Spa was authorized to service GEN11 in FB002732. This Factbook documents their training and qualification to repair the product codes Mega Power 1000 generator, Mega Vac 2100 and 2100J, and Mega Vac+ 2200 and 2200J. Johnson & Johnson Medical Spa (EES Italy) was previously authorized to service GEN04 and GEN11 which are not affected by this Factbook.

E-Sig in Epi Center (Eric Smith Signing For)

Jason Stivers

Service Engineer, EES – Service Staff Engineer



Service & Repair Facility Qualification Record

The table of contents of this Factbook is listed below. The documentation contained meets the intent of WE001534 Rev E, Product Qualification at Service Centers.

Section		Pg.
1.0	Service System Quality Assessment	7
1.1	Reference Memorandum	8
2.0	Technical Training Results	9
2.1	Training Results Memorandum	10-11
2.1.1	Training Agenda	12
2.1.2	Training log	13
2.1.3	Train the Trainer	14
2.1.4	Test records	15-18
2.1.5	Training Certificate	19
3.0	Documentation System	20
3.1	Documentation System Memorandum	21
4.0	Equipment Installation Qualification (EIQ)	22
4.1	EIQ Results Memorandum	23
4.1.1.1	Mega Vac Qualification Memo	24
4.1.1.2	MegaPower 1000 Installation Qualification Test Protocol ENG-PRT-473	25-26
4.1.1.3	MegaPower 1000 Installation Qualification. ENG-PRT-473 Appendix A	27-36
4.1.1.4	MegaPower 1000 Performance/Operational Qualification Test Protocol ENG-	37-38
PRT-50	2	
4.1.1.5	MegaPower 1000 Service Center Protocol Results	39-49
4.1.1.6	MegaVac Installation Qualification Test Protocol ENG-PRT-475	50-51
4.1.1.7	MegaVac Installation Qualification ENG-PRT-475 Appendix A	52-53
4.1.1.8	MegaVac Plus Installation Qualification Test Protocol ENG-PRT-476	54-55
4.1.1.9	MegaVac Plus Installation Qualification ENG-PRT-476 Appendix A	56-57
4.1.1.1 503	MegaVac Plus Performance/Operational Qualification Test Protocol ENG-PRT-	58-59
4.1.1.1	L MegaVac Plus Service Center Protocol Results	60-61
	2 Calibration Certificate – Biomedical ESU Analyzer ESU2400	62
	3 Calibration Certificate – Fluke Digital Multimeter 8845A	63-73
	1 Calibration Certificate – Safety Analyzer Associated Research Omnia 8106	74-81
	Calibration Certificate – Flow Meter TSI 4040H	82
4.1.1.1	6 Calibration Certificate – Pressure Indicator Dwyer 447AV-3	83
4.1.1.1	7 Specification sheet – Biomedical ESU Analyzer ESU2400	84-87
4.1.1.1	3 Specification sheet – Fluke Digital Multimeter 8845A	88-99
	9 Specification sheet – Safety Analyzer Associated Research omnia 8106	100-101
) Specification sheet – Flow Meter TSI 4040H	102-105
	L Specification sheet - Pressure Indicator Dwyer 447AV-3	106
5.0	Physical Requirements	107

Latest Released: YES

State: Released

5.1	Reference Memorandum	108
5.1.1	Work area/building layout	109
5.1.2	Decontamination Area Layout	110
6.0	Operating Agreement	111
6.1	Reference Memorandum	112
6.2	Quality Agreement	113-128
7.0	Start-Up Activities	129
7.1	Reference Memorandum Start up Activities	130
8.0	Supplier Approval	131
8.1	Reference Memorandum Supplier Approval	132

Latest Released: YES

1.0 SERVICE SYSTEM QUALITY ASSESSMENT

Latest Released: YES



SERVICE SYSTEM QUALITY ASSESSMENT

Date: 16-January-2019

From: Jason Stivers

Attention: Factbook # FB003281 Re:1000, 2100, 2100J, 2200, & 2200J

Refer to section 1.0 of Factbook FB000057 REV A for the support documentation that a servicing quality system assessment was conducted according to established procedures. Ongoing quality assessments of this facility will be maintained on file in EtQ per schedule. The last onsite audit of J&J Medical Spa (EES Italy) was conducted on January 22, 2015, audit # SA-006921.

E-Sig in Epi Center (Eric Smith Signing For)

Jason Stivers Service Engineer, EES – Service Staff Engineer

2.0 TECHNICAL TRAINING RESULTS



TECHNICAL TRAINING RESULTS

Date: 16-January-2019

From: Jason Stivers

Attention: Factbook # FB003281 Re:1000, 2100, 2100J, 2200, & 2200J

On December 12, 2017 five (5) service technicians from various EES approved service centers were provided training at the J&J Singapore service and repair facility (central location for attendees, but not an EES service center) for the following products:

• 1000, Mega Power Generator

- 2100 and 2100J, Mega Vac Smoke Evacuator
- 2200 and 2200J, Mega Vac Plus Smoke Evacuator

The training was conducted and overseen by MegaDyne Service and Repair Trainers John Minuth and Bruce Hevelone. Training began with a basic introduction to the product application and use, theory of operation of the system and a general product description and functional description. The attached training log contains the list of MegaDyne forms, work instructions, software, and service bulletins required to be covered during the training for product codes. Additionally, procedures/manuals that included disassembly, reassembly, repair, testing, quality inspection, and product release were covered in the training. Troubleshooting information was also covered, which included identifying common causes of failure, hardware troubleshooting, and service testing. Afterward, standard service center processes, such as bench tests, electrical safely tests, and product release tests were demonstrated. To demonstrate the ability to repair the products the trainee was provided and passed a written test post training. Finally, complaint awareness training is conducted on an annual basis and thus was not a needed deliverable for this specific training. Training records for complaint awareness are maintained within the training management system at J&J Medical Spa (EES Italy) and reviewed during annual business reviews.

With this successful completion of the activities referenced above, the following individual(s) should now be considered trained as an authorized EES representative capable of the analysis, service, and repair of the MegaDyne products listed above, and as a qualified and authorized trainer for the product. Additionally, with this successful completion of the activities referenced above, the following individual(s) should now be considered trained as an authorized EES representative capable of the final release of product to inventory and authorized to train the quality release person(s) within their center.

1. Massimiliano Oliva, Service Technician

Evidence of completion of these activities is:

- MegaDyne Training Record Form
- Training Log
- Training Agenda
- MegaDyne Training Test Results
- Certificate of Training

E-Sig in Epi Center (Eric Smith Signing For)

Jason Stivers Service Engineer, EES – Service Staff Engineer

3.0 DOCUMENTATION SYSTEM



DOCUMENTATION SYSTEM

Date: 16-January-2019

From: Jason Stivers

Attention: Factbook # FB003281 Re: 1000, 2100, 2100J, 2200 & 2200J

The following procedures include the 1000, 2100, 2100J, 2200, and 2200J MegaDyne capital equipment service processes at the service center. The procedures can be found within the J&J Medical Spa (EES Italy) documentation system as follows:

Process Specifications/Procedures:

TV-WI-10745 Testing and repair Megadyne work instruction

TV-WI-10746 Testing and repair Megavac work instruction

Procedures, work instructions, and items that are non-product specific to 1000, 2100, 2100J, 2200, and 2200J already reside in the Johnson & Johnson Medical Spa (EES Italy) documentation system as they were previously qualified as a service center. Refer to section 3.0 of Factbook FB00057.

E-Sig in Epi Center (Eric Smith Signing For)

Jason Stivers Service Engineer, EES – Service Staff Engineer

4.0 EQUIPMENT INSTALLATION QUALIFICATION RESULTS



EIQ RESULTS

Date: 16-January-2019

From: Jason Stivers

Attention: Factbook FB003281 Re:1000, 2100, 2100J, 2200, & 2200J

All equipment necessary to perform service and repair activities on the 1000, 2100, 2100J, 2200, and 2200J have been installed at the Johnson & Johnson Medical Spa (EES Italy), Rome, Italy location using MegaDyne Medical Products, Inc. protocols; ENG-PRT-473, ENG-PRT-475, ENG-PRT-476, ENG-PRT-502, and ENG-PRT-503.

As described in the service procedures, the product specific test equipment used for the repair and testing of the 1000, 2100, 2100J, 2200, and 2200J is as follows:

- BC Biomedical ESU-2400
- Fluke 8845A Digital Multimeter
- Associated Research Omnia 8106 Safety Analyzer
- TSI 4040H Mass Flowmeter
- Dwyer 477AV-3 Manometer

J&J Medical Spa (EES Italy) personnel were trained and qualified to use the above-mentioned equipment as referenced in the training section of this Factbook.

The equipment can be found within the J&J Medical Spa (EES Italy) calibration system where appropriate and custom tooling or equipment identified has been documented as installed for use. Installation qualification of equipment was performed as passing a known "good" unit through the process. The attached documents represent the successful execution of test procedures which qualifies the test equipment being used as properly installed and in good working order.

Part of product testing includes performing electrical safety testing according to appropriate standards as outlined in the service documentation and service bulletins (if applicable). The equipment used at J&J Medical Spa (EES Italy), meets all applicable standards.

E-Sig in Epi Center (Eric Smith Signing For)

Jason Stivers

Service Engineer, EES – Service Staff Engineer

5.0 PHYSICAL REQUIREMENTS



PHYSICAL REQUIREMENTS

Date: 16-January-2019

From: Jason Stivers

Attention: Factbook # FB003281 Re:1000, 2100, 2100J, 2200, & 2200J

Refer to Attachment for the support documentation that J&J Medical Spa (EES Italy) has the necessary physical requirements to provide adequate space for the service and repair of the 1000, 2100, 2100J, 2200, and 2200J. See attached floor layout.

The service center meets the electrical power requirements and has separate work spaces for product receiving/shipping, decontamination, service area, and electrical safety.

E-Sig in Epi Center (Eric Smith Signing For)

Jason Stivers
Service Engineer, EES – Service Staff Engineer

Implemented: 02/13/2019

Group: Fact Book Type: External

6.0 OPERATING AGREEMENT



OPERATING AGREEMENT

Date: 16-January-2019

From: Jason Stivers

Attention: Factbook FB003281 Re:1000, 2100, 2100J, 2200, & 2200J

EES and J&J Medical Spa (EES Italy) have entered into an operating agreement. The Operating Agreement is in the International Contract Database (e-ICD # 1247522).

Additionally, Ethicon Endo Surgery, LLC and JOHNSON & JOHNSON MEDICAL Spa (EES Italy) have entered into a quality agreement. The most recent version of that agreement is in Adaptive under #100574227.

E-Sig in Epi Center (Eric Smith Signing For)

Jason Stivers
Service Engineer, EES – Service Staff Engineer

7.0 START-UP ACTIVITIES



START-UP ACTIVITIES

Date: 16-January-2019

From: Jason Stivers

Attention: Factbook FB003281 Re:1000, 2100, 2100J, 2200, & 2200J

Refer to section 7.0 of FB000057 Rev A for the support documentation that all activities were previously established In accordance with WE000650 Rev G. The current activities for the establishment of 1000, 2100, 2100J, 2200, and 2200J product codes are in accordance with WE001534 Rev E.

In accordance with WE001534 Rev E, the following start-up activities have taken place to prepare Johnson & Johnson Medical Spa (EES Italy), Rome, Italy to begin service and repair on 1000, 2100, 2100J, 2200, and 2200J.

- Spare parts needed to perform repairs will be made available upon Factbook approval.
- The linkage to the Complaint Management/Service System has been established. The service center has been using the process for the routing of all service data to the Complaint Management/Service System, and will include 1000, 2100, 2100J, 2200, and 2200J reporting as well.
- Equipment required to perform repairs and testing has been purchased and properly installed.
- The service center has been made aware of the requirements for repair tracking and expediting through the repair center and monthly reporting requirements.
- Products have been added to the monthly reporting process.
- Product related service bulletins have been delivered and implemented.

E-Sig in Epi Center (Eric Smith Signing For)

Jason Stivers Service Engineer, EES – Service Staff Engineer

Implemented: 02/13/2019

Group: Fact Book Type: External

8.0 SUPPLIER APPROVAL



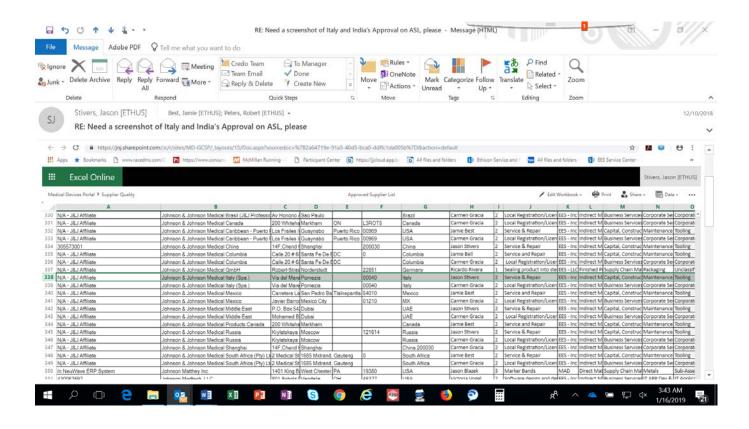
Supplier Approval

Date: 16-January-2019

From: Jason Stivers

Attention: Factbook FB003281 Re:1000, 2100, 2100J, 2200, & 2200J

Reference DOC000665 in Epi Center for supporting documentation that established Johnson & Johnson Medical Spa (EES Italy) as an authorized supplier. The service center will be maintained on the approved supplier list according to WE0652, Monitoring/Communication with Service Centers and Parts Depots. A snapshot of the Corporate Approved Supplier List is below showing J&J Medical Spa (EES Italy) as currently being approved as of Jan. 16, 2019.



E-Sig in Epi Center (Eric Smith Signing For)

Jason Stivers Service Engineer, EES – Service Staff Engineer