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Part A

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A449 . Antidrug and Alcohol Misuse Prevention Program

HQ Control: 07/17/2009

HQ Revision: 00a

- a. The Part 145 repair station certificate holder has elected to implement an Antidrug and Alcohol Misuse Prevention Program, because the certificate holder performs safety-sensitive functions for a 14 CFR Part 121, and 135 certificate holder and/or for a 14 CFR Part 91 operator conducting operations under Section 91.147.
- b. The certificate holder certifies that it will comply with the requirements of 14 CFR Part 120 and 49 CFR Part 40 for its Antidrug and Alcohol Misuse Prevention Program.
- c. Antidrug and Alcohol Misuse Prevention Program records are maintained and available for inspection by the FAA's Drug Abatement Compliance and Enforcement Inspectors at the location listed in Table 1 below:

Table 1

Location & Telephone of Antidrug and Alcohol Misuse Prevention Program Records:	
Telephone Number:	A2 (317)-240-2370
Address:	39 Old Ridgebury Road
Address:	N/A
City:	Danbury
State:	CT
Zip code:	06810

d. Limitations and Provisions.

- (1) Antidrug and Alcohol Misuse Prevention Program inspections and enforcement activity will be conducted by the Drug Abatement Division. Questions regarding these programs should be directed to the Drug Abatement Division.
- (2) The certificate holder is responsible for updating this operations specification when any of the following changes occur:
 - (a) Location or phone number where the Antidrug and Alcohol Misuse Prevention Program Records are kept.
 - (b) If the certificate holder's number of safety-sensitive employees goes to 50 and above, or falls below 50 safety-sensitive employees.
- (3) The certificate holder with 50 or more employees performing a safety-sensitive function on January 1 of the calendar year must submit an annual report to the Drug Abatement Division of the FAA.
- (4) The certificate holder with fewer than 50 employees performing a safety-sensitive function on January 1 of any calendar year must submit an annual report upon request of the Administrator, as specified in the regulations.

The certificate holder has 50 or more safety-sensitive employees.

A004 . Summary of Special Authorizations and Limitations

HQ Control: 09/23/1998

HQ Revision: 010

a. The certificate holder, in accordance with the reference paragraphs, is authorized to:

	Reference Paragraphs
Conduct operations choosing to have an antidrug and alcohol misuse prevention program.	A449

b. The certificate holder is *not authorized and shall not:*

	Reference Paragraphs
Use Exemptions.	A005
Use an approved electronic recordkeeping system, electronic/digital signature, and/or electronic media.	A025
Perform maintenance with NAA ratings where the scope of work is authorized by a BASA/MIP.	A060
Perform work, including continuous operations, at additional locations other than at its primary fixed location.	A101
Perform maintenance in accordance with foreign repair station geographic authorizations.	B050
Perform work, excluding continuous operations, at additional locations other than at its primary Fixed Location.	D100
Perform line maintenance for cert. holders conducting operations under Parts 121 and 135 and for foreign carriers/persons operating U.S. registered aircraft in common carriage under Part 129, apart from D100 which authorizes that work away from station.	D107

1. Issued by the Federal Aviation Administration .
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2010.10.15 12:42:07 Central Daylight Time
Location: WebOPSS
Digitally signed by Paul Hubbard,
Principal Maintenance Inspector (EA65)

4. Date Approval is effective: 10/15/2010 Amendment Number: 4
5. I hereby accept and receive the Operations Specifications in this paragraph.

Mahony, Patrick J., Quality Manager

A handwritten signature in black ink that reads "Patrick Mahony". The signature is written in a cursive style and is underlined with a single horizontal line.

Date: 10/15/2010

A003 . Ratings and Limitations

HQ Control: 01/30/2004

HQ Revision: 010

The Certificate Holder is authorized the following Ratings and/or Limitations:

Class Ratings

None Authorized

Limited Ratings

<u>Rating</u>	<u>Manufacturer Make/Model</u>	<u>Limitations</u>
PowerPlant	Pratt & Whitney PW-4000 Series Stages 4, 5, 6, 7, PW-2000 Series Stages 5, 6, 7, 8, 9, JT-9D Series Stages 4, 5, 6, 7	Inspection, repair, maintenance and overhaul of the listed high pressure compressor stator variable guide vanes in accordance with current manufacturers' manuals, service bulletins or other FAA approved data.

Limited Ratings - Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
Heat Treatment	PWA 11, CPW 21, and MIL-H-6875	Use the methods, techniques, and practices prescribed in the current manufacturers' maintenance manual or specifications.
Manual Fusion Welding	In accordance with PWA 16-2A, PWA 16 suffixes 2, 3, 7, 33, 333, and 733	Use the methods, techniques, and practices prescribed in the current manufacturers' maintenance manual or specifications.
Shot Peening	AMS 2430, SPOP 500, SPOP 501, MIL-G-9954, and MIL-S-13165	Use the methods, techniques, and practices prescribed in the current manufacturers' maintenance manual or specifications.
Non-Destructive Inspection / Fluorescent Penetrant Inspection	MIL-STD-6866 and current manufacturer's specifications	Use the methods, techniques, and practices prescribed in the current manufacturers' maintenance manual or specifications.

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
Specialized Coatings	Pratt & Whitney Standard Process Operation Procedures (SPOP) 144, 147, 148, 158, 159, 164, 186, 258, 218, 19, 170, 203, Pratt & Whitney Specifications: PWA44, PWA53, PWA62, PWA70, PWA73, PWA70/73, PWA74, PWA75, PWA77, PWA110 Series, PWA252, PWA255, PWA262, PWA265, PWA273, PWA 275, PWA545, PWA586, PWA568, PWA569, PWA595, PWA830, PWA615, CPW88, CPW420, PWA36038 General Electric Specifications: A50TF1, F50TF1, F50TF26, F50TF34, F50TF62, F50TF8 Class A, F50TF8 Class D, F50TF37 Class A, F50TF37 Class B Miscellaneous Specifications: B048, PCI5030, BMS14-4, SCTI JTB010, P6405, IAE 53, SERMETEL 5380, SERMETEL 5380DP, SERMALOY "J", SERMETEL W SERIES, SERMETEL 709, SERMASEAL 570A, Sermatech SDC 1591.	Use the methods, techniques, and practices prescribed in the current manufacturer's maintenance manual or specifications. Use the methods, techniques, and practices prescribed in the current manufacturer's maintenance manual or specifications Use the methods, techniques, and practices prescribed in the current manufacturer's maintenance manual or specifications.

1. Issued by the Federal Aviation Administration .
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2010.10.15 12:26:29 Central Daylight Time
Location: WebOPSS
Digitally signed by Paul Hubbard,
Principal Maintenance Inspector (EA65)

4. Date Approval is effective: 10/15/2010 Amendment Number: 8
5. I hereby accept and receive the Operations Specifications in this paragraph.

Mahony, Patrick J., Quality Manager

Date: 10/15/2010

A002 . Definitions and Abbreviations

HQ Control: 11/16/2004

HQ Revision: 050

Unless otherwise defined in these operations specifications, all words, phrases, definitions, and abbreviations have identical meanings to those used in the Title 14 Code of Federal Regulations (CFR) Regulations and Title 49 United States Code as cited in Public Law 103-272, as amended. Additionally, the definitions listed below are applicable to operations conducted in accordance with these operations specifications.

**Bilateral Aviation
Safety Agreement
(BASA)**

An executive agreement concluded between the United States and a foreign country for the purpose of promoting aviation safety; also known as an Agreement for the Promotion of Aviation Safety.

Certificate Holder

In these operations specifications the term "certificate holder" shall mean the holder of the repair station certificate described in these operations specifications in Part A paragraph A001 and any of its officers, employees, or agents used in the conduct of operations under this certificate.

CFR

Code of Federal Regulations

Class rating

As used with respect to the certification, ratings, privileges, and limitation of aircraft within a category having similar operating characteristics.

**Domestic Repair
Station**

A certificated repair station located in the United States.

Exemption

An authorization that permits an alternate means of compliance with a specific CFR. The exemption must meet the procedural requirements of CFR 14, Part 11.

**FAA Accountable
Manager**

A person designated by the certificated repair station who is responsible for and has authority over all repair station operations that are conducted under 14 CFR Part 145, including ensuring that the repair station's personnel follow the regulations and serving as the primary contact with the FAA.

FAA Form 8000-4-1

The FAA Form 8000-4-1 has been replaced with the form contained within this operations specifications application (OPSS) for the generation of the 14 CFR Part 145 Repair Station Operations Specifications.

**Foreign Repair
Station
Geographic
Authorization**

A certificated repair station located outside of the United States.

An approval provided to a foreign repair station to perform maintenance support under contract for a U.S. air carrier, or operator of U.S. - registered aircraft under 14 CFR Part 129, at a location other than the repair station facility. A geographic authorization is issued by

the FAA to respond to the need of a U.S. air carrier or Part 129 foreign operator for maintenance at a station where the frequency and scope of that maintenance does not warrant permanently staffing and equipping the station for its accomplishment.

EASA

European Aviation Safety Agency

**EASA Accountable
Manager**

The manager who has corporate authority for ensuring that all maintenance required by the customer can be financed and carried out to the standard required by the EASA full member Authority.

Limited Rating

Rating issued to repair stations for the performance of maintenance on particular makes and models of airframes, powerplants, propellers, radios, instruments, accessories, and/or parts.

**Limited Ratings -
Specialized Services**

Rating issued for a special maintenance function when the function is performed in accordance with a specification or data acceptable to the Administrator.

Line Maintenance

Any unscheduled maintenance resulting from unforeseen events; or scheduled checks where certain servicing and/or inspections do not require specialized training, equipment, or facilities.

Maintenance

The inspection, overhaul, repair, preservation, and the replacement of parts, but excludes preventive maintenance.

**Maintenance
Implementation
Procedures (MIP)**

Procedures for implementing the provisions of a BASA that apply to maintenance.

MOE

Maintenance Organization Exposition - Pertains to European Aviation Safety Agency member countries that use an MOE in place of a Repair Station Manual and a Quality Control Manual.

**Preventive
Maintenance**

As defined in Appendix A subparagraph (c) of 14 CFR Part 43.

QCM

Quality Control Manual

RSM

Repair Station Manual

**Substantial
Maintenance**

Any activity involving a C-check (routine airframe maintenance) or greater maintenance; any engine maintenance requiring case separation or teardown; and/or major alterations or major repairs performed on airframes, engines, or propellers.

1. Issued by the Federal Aviation Administration .
2. Support information reference:
3. These Operations Specifications are approved by direction of the Administrator.



2010.10.15 12:24:38 Central Daylight Time
Location: WebOPSS
Digitally signed by Paul Hubbard,
Principal Maintenance Inspector (EA65)

4. Date Approval is effective: 10/15/2010 Amendment Number: 4
5. I hereby accept and receive the Operations Specifications in this paragraph.

Mahony, Patrick J., Quality Manager

A handwritten signature in black ink that reads "Patrick Mahony".

Date: 10/15/2010

A001 . Issuance and Applicability

HQ Control: 11/16/2004

HQ Revision: 050

a. These operations specifications are issued to Praxair Surface Technologies, Inc., a Domestic Repair Station, pursuant to Title 14 Code of Federal Regulations (CFR) Section 145.53. The repair station certificate holder shall conduct operations in accordance with CFR Part 145 and these operations specifications.

The certificate holder's address:

Fixed Location:
24 Landry Street
Biddeford, Maine 04005

Mailing Address:
24 Landry Street
Biddeford, Maine 04005

b. The holder of these operations specifications is the holder of Certificate Number BH1D034K and shall hereafter be referred to as the certificate holder.

c. These operations specifications are issued as part of this Repair Station Certificate, and are in effect as of the Date Approval is effective. This certificate and operations specifications shall remain in effect until the domestic repair station certificate is surrendered, suspended, or revoked.

d. The repair station specified on these operations specifications performs maintenance and/or alteration of aircraft and/or aeronautical products to be installed on aircraft under the terms and conditions of a Bilateral Aviation Safety Agreement and associated Maintenance Implementation Procedures between the Federal Aviation Administration and a Foreign National Aviation Authority identified in Advisory Circular 145-8, as revised.

e. The certificate holder is authorized to use only the business name which appears on the certificate to conduct the operations described in subparagraph a.

Delegated authorities: None

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number BH1D034K

This certificate is issued to
PRAXAIR SURFACE TECHNOLOGIES INC.

whose business address is

**24 LANDRY STREET
BIDDEFORD, MAINE 04005**

*upon finding that its organization complies in all respects
with the requirements of the Federal Aviation Regulations
relating to the establishment of an Air Agency, and is
empowered to operate an approved* **REPAIR STATION**

with the following ratings:

**LIMITED-SPECIALIZED SERVICE (11-02-04)
LIMITED-POWERPLANT (08-03-99)**

*This certificate, unless canceled, suspended, or revoked,
shall continue in effect* **INDEFINITELY**

Date issued:

JUNE 12, 1991

By direction of the Administrator



**ANTHONY L. LIGUORI
MANAGER, EA-FSDO-65**

**This Certificate is not Transferable, AND ANY MAJOR CHANGE IN THE BASIC FACILITIES, OR IN THE LOCATION THEREOF,
SHALL BE IMMEDIATELY REPORTED TO THE APPROPRIATE REGIONAL OFFICE OF THE FEDERAL AVIATION ADMINISTRATION**

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both



U.S. Department
of Transportation
**Federal Aviation
Administration**

Portland Flight Standards District Office
412 Yellowbird Road
Portland, ME 04102-1999

207-780-3263
Fax: 207-780-3296

November 8, 2010

Mr. Patrick Mahoney
Quality Manager
Praxair Surface Technologies, Inc.
24 Landry Street
Biddeford, ME 04005

Dear Mr. Mahoney,

We have revised and enclosed your new 145 Repair Station Certificate to show the name change to Praxair Surface Technologies, Inc. (agency certificate number BH1D034K). We have also enclosed the new Operations Specifications to include the name change. Please review and sign both copies of the new Operations Specifications. Retain the original signed copies and return the other signed copies to this office. We will also need the old (superseded) operations specifications returned to us.

If you have any additional questions, please feel free to contact this office.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul W. Hubbard".

Paul W. Hubbard
Principal Maintenance Inspector

Enclosure



U.S. Department
of Transportation
**Federal Aviation
Administration**

Portland Flight Standards District Office
412 Yellowbird Road
Portland, ME 04102-1999

207-780-3263
Fax: 207-780-3296

November 12, 2010

Mr. Patrick Mahony
Quality Manager
Praxair Surface Technologies, Inc.
24 Landry Street
Biddeford, Maine 04005

Dear Mr. Mahoney,

We have now completed our review of the revisions to your Quality System Manual and Training Program dated August 30, 2010, and have signed for both revisions. The signature on the Quality System Manual signifies the revision is acceptable, while the signature on the Training Program approves the revision. Any future changes or revisions to these manuals must be submitted to this office for acceptance and/or approval prior to being implemented.

If you have any additional questions, please feel free to contact this office.

Sincerely,

A handwritten signature in black ink, appearing to read "Paul W. Hubbard".

Paul W. Hubbard
Principal Maintenance Inspector

Enclosure