

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

Air Agency Certificate

Number MYLR882K

This certificate is issued to

MAGNETIC INSPECTION LABORATORY, INC.

whose business address is

1401 GREENLEAF AVENUE
ELK GROVE VILLAGE, IL 60007-5536

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 RATINGS – SPECIALIZED SERVICES

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

Date issued:

By direction of the Administrator

JUNE 16, 2003


Luanne Wills-Merrell
Manager, DuPage FSDO

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.

Table of Contents

Part A

	HQ CONTROL DATE	EFFECTIVE DATE	AMENDMENT NUMBER
001 Issuance and Applicability	11/16/2004	12/10/2007	1
002 Definitions and Abbreviations	11/16/2004	12/10/2007	1
003 Ratings and Limitations	01/30/2004	02/24/2010	2
004 Summary of Special Authorizations and Limitations	09/23/1998	12/10/2007	2
007 Designated Persons	12/19/2006	12/10/2007	1
449 Antidrug and Alcohol Misuse Prevention Program	07/17/2009	03/02/2010	1

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</u>	<u>Make/Model</u>	<u>Limitations</u>
None Authorized			

Limited Ratings - Specialized Services

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
NON-DESTRUCTIVE TESTING		
Eddy Current	ASTM E1004, MIL-STD-1537	Repair limitations as contained in the referenced Civil or Military Specification as amended.
Etch Inspection	AMS 2649, ASTM E381, MIL-STD-867	Repair limitations as contained in the referenced Civil or Military Specification as amended.
Leak Testing	AMS 2607, 2615	Repair limitations as contained in the referenced Civil or Military Specification as amended.
Liquid Penetrant	ASTM E1417	Repair limitations as contained in the referenced Civil or Military Specification as amended.
Magnetic Particle	ASTM E1444	Repair limitations as contained in the referenced Civil or Military Specification as amended.
Radiographic	ASTM E1742	Repair limitations as contained in the referenced Civil or Military Specification as amended.
Personnel Qualifications	NAS 410, MIL-STD-410E	Use the methods, techniques, and practices prescribed by current American Society for Nondestructive Testing or other methods, techniques, and practices acceptable to the administrator as amended.
Ultrasonic	MIL-STD-2154	Use the methods, techniques, and practices prescribed by current American Society for Nondestructive Testing or other methods, techniques, and practices acceptable to the administrator as amended.
COATINGS		
Aluminum Coating	MIL-DTL-83488	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Chemical Agent	MIL-C-53072,	Use the methods, techniques, and practices

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
Resistant Coating (CARC) System	MIL-DTL-53072	prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Corrosion Preventive Compound Application	MIL-C-11796, MIL-PRF-16173	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Dry Film Lubricant (DFL)	AMS 3084, MIL-L-45983, MIL-PRF-460110, AS52732/AS5528	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Finishes	MIL-STD-171	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Organic Finishes	MIL-F-14072, MIL-F-18264	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Powder Coating	MPR-1227, MIL-PRF-24712	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Resin Coating	AMS 2515, AMS 2516, MIL-C-5056	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
METAL FINISHING		
Anodize	AMS 2469, AMS 2470, AMS 2471, AMS 2472, AMS-A-8625, ASTM B580, MIL-A-8625, MIL-A-63576	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Black Oxide	AMS 2485, MIL-DTL-13924	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Chem Film	AMS 2473, AMS-2474, AMS-C-5541, MIL-C-17711, MIL-C-5541, MIL-DTL-5541	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Chemical Milling	AMS-C-81769	Use the methods, techniques, and practices prescribed by current American Society for Testing

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
Cleaning, Alkaline	ASTM B600, ASTM E165	& Materials or other methods, techniques, and practices acceptable to the administrator as amended. Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Blast Cleaning	SAE J 444	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Copper Sulphate Testing	AMS-STD-753, ASTM F1089, AMS-2700	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
High Humidity Testing	AMS-QQ-P-35, AMS-STD-753, AMS-2700	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Passivation	QQ-P35, AMS-QQ-P-35, AMS-STD-753, ASTM A380, ASTM A967, MIL-S-5002, AMS-2700	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Phosphate Coating	AMS 2481, AMS2486, MIL-DTL-16232, MIL-STD-171, TT-C-490, DOD-P-16232, MIL-F-495	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Salt Spray Testing	ASTM B117, NASM1312-1	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Taber Abrasion Testing	FED-STD-141, ASTM D4060	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Vapor Degreasing	ASTM D3698	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Cad Plating	AMS-QQ-P-416, QQ-P-416	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.

<u>Rating</u>	<u>Specifications</u>	<u>Limitations</u>
Electropolishing METALLURGICAL	ASTM B912	administrator as amended.
Tension Test	ASTM B557	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Hardness	AMS 2658, ASTM E10, ASTM E140, ASTM E18	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended
Pressure Testing WELDING	AMS 2607	administrator as amended
Fusion Welding	AMS-STD-2219, AWS D17.1	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Steel Casting Welding	ASTM A488	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.
Brazing	AWS C3.4, AWS C3.5, AWS C3.6, AWS C3.7 MIL-B-07883	Use the methods, techniques, and practices prescribed by current American Society for Testing & Materials or other methods, techniques, and practices acceptable to the administrator as amended.

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



2010.03.24 13:39:51 Central Daylight Time
Location: WebOPSS
Digitally signed by Edmond Pottle,
Principal Maintenance Inspector (GL03)

4. Date Approval is effective: 02/24/2010 Amendment Number: 2
5. I hereby accept and receive the Operations Specifications in this paragraph.

Schiewe, Robert L., President

A handwritten signature in black ink, appearing to read "R. L. Schiewe".

Date: 02/24/2010
