

**MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND AVIATION ADMINISTRATION**

MEMORANDUM

TO: Distribution

FROM: Ali Logmanni, Manager 
Division of Engineering
Office of Design and Construction

DATE: May 6, 2014

SUBJECT: Design Standard (DST) 2014-01,
Section 19.2.2.4, Airfield Lighting Cable Identification Tags
Section 19.2.2.5, Airfield Lighting Fixture Identification Tags

Effective immediately, the following modifications shall be made to the MAA Design Standards Manual, dated January 2014:

Insert the attached new Section *19.2.2.4 Airfield Lighting Cable Identification Tags*.
Insert the attached new Section *19.2.2.5 Airfield Lighting Fixture Identification Tags*.

Consultants listed herein are required to distribute this design standard to their respective subconsultants.

If you believe the attached drawings conflict with any other codes or regulations, or if you should have any questions regarding this matter, please contact the Manager, Division of Engineering at 410-859-7768.

Attachments

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Supplement to the MAA Design Standards Manual 2014

Design Standard (DST) 2014-01

Section 19.2.2.4, Airfield Lighting Cable Identification Tags.

Section 19.2.2.5, Airfield Lighting Fixture Identification Tags.

19.2.2.4 Airfield Lighting Cable Identification Tags

Designers shall include the following information on the contract documents:

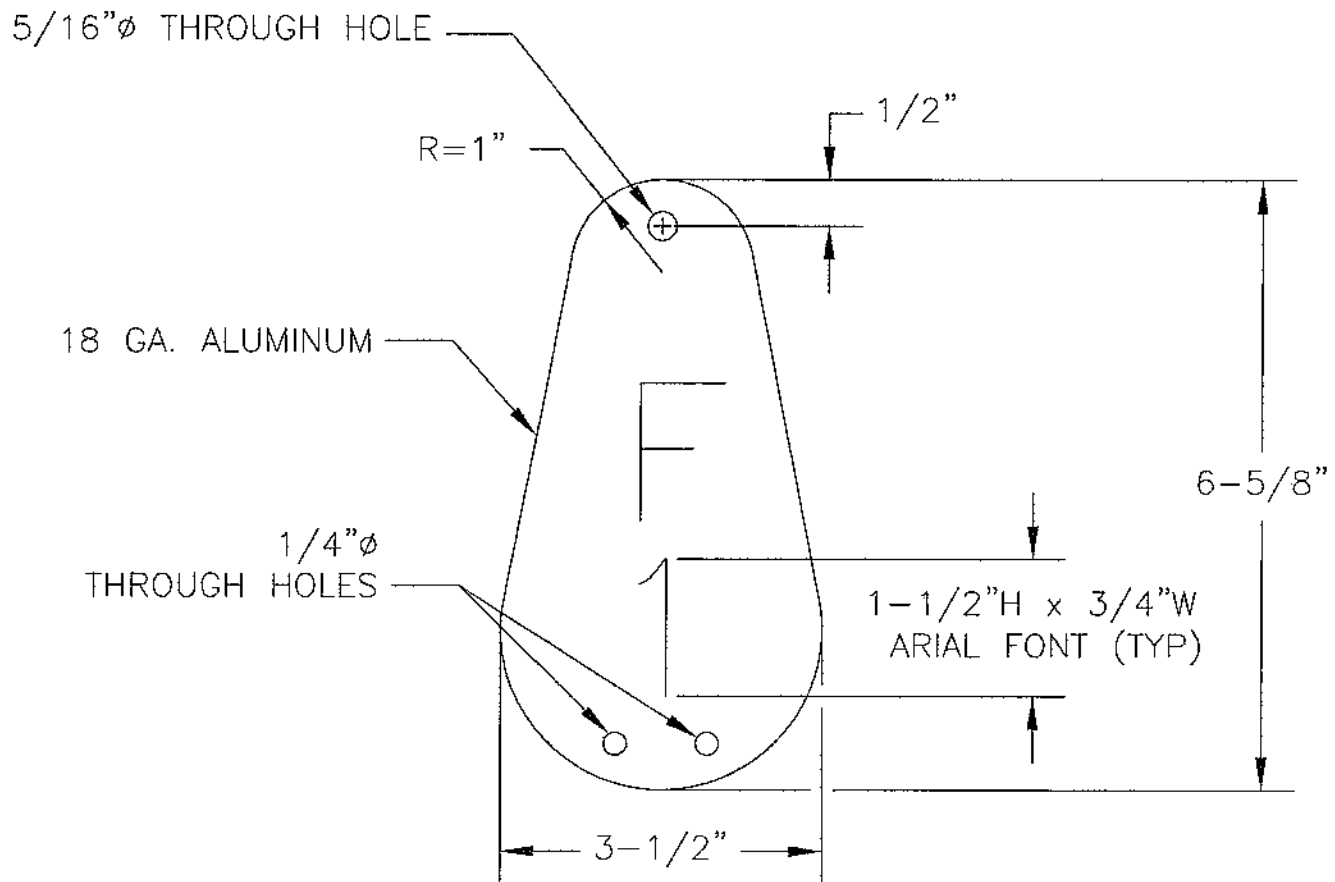
- a. Identification tags shall be provided for each cable entering or leaving manholes, handholes, junction boxes, and light fixture cans.
- b. All tags shall be plastic “phenolic” tags with colors as shown in the table below.
- c. Two heavy-duty UV resistant black nylon ties shall be used to secure each tag to the cable.

Identification	Tag Color	Engraved Letter Color
Primary Distribution	Red	White
Runway Edge	White	Black
Controls	Black	White
Taxiway Edge or Centerline	Blue	White
Runway Touchdown and Centerline	Yellow	Black
FAA and Communication	Green	White
Secondary Power	White	Red
Spare Wire	Orange	White

Additionally, cable identification tags shall be in accordance with the Cable Identification Tag detail provided herewith.

19.2.2.5 Airfield Lighting Fixture Identification Tags

Fixture identification tags shall be provided for all elevated light fixtures on the runways and taxiways. Fixture identification tags shall be in accordance with the Fixture Identification Tag detail provided herewith.



NOTES:

1. ATTACH TAG TO ELEVATED LIGHT FIXTURE WITH FIXTURE SET SCREW. TAG TO FACE RUNWAY OR TAXIWAY AS APPLICABLE.
2. COORDINATE INSCRIPTION WITH AIRPORT MAINTENANCE AND ENGINEER.
3. TAG LABELING SHALL USE METALPHOTO OR APPROVED EQUAL FOR PHOTSENSITIVE ANODIZED ALUMINUM. LABELING SHALL BE PERMANENT AND RESISTANT TO UV, OUTDOOR WEATHERING, ABRASION, ETC. THAT WOULD OTHERWISE CAUSE LABEL TO FADE.

