

**ORDERS & INSTRUCTIONS**

5-1-1A

SUBJECT: WELDING, CUTTING AND OTHER OPEN FLAME WORK

ISSUED: 9-12-91

**1.0 PURPOSE**

This Orders & Instructions (O&I) establishes the procedures to be followed when welding, cutting or other open flame work is conducted at Washington National Airport and Washington Dulles International Airport.

**2.0 DISTRIBUTION**

This O&I is distributed to Metropolitan Washington Airports Authority personnel at branch level and above, tenants, concessionaires, and air carriers.

**3.0 CANCELLATION**

O&I 5-1-1, Welding and Cutting Operations, dated July 14, 1970.

**4.0 WELDING, CUTTING AND OTHER OPEN FLAME WORK**

All welding, cutting and other open flame work shall be performed in accordance with the Virginia Statewide (BOCA) Fire Prevention Code, OSHA requirements, NFPA 51B standards, and other requirements established by the Metropolitan Washington Airports Authority.

**5.0 DEFINITIONS**

**Welding/Cutting:** Welding or cutting shall include any gas, electric arc or flammable liquid welding or cutting or any combination thereof.

**Other Open Flame Work:** Any work utilizing a torch or other flame-producing device for removing paint, heating pipes, etc.

**6.0 PROCEDURES**

## 6.1 GENERAL REQUIREMENTS

No one shall perform welding, cutting or other open flame work without first obtaining a permit from the Public Safety Division, Fire Prevention Section. The permit (see Attachment 1) shall specify the area in which the cutting, welding or other open flame work will take place. Fire Prevention Section personnel will inspect the area in which the cutting, welding or other open flame work is to take place before issuing a permit and shall establish additional fire safety requirements if needed.

## 6.2 APPROVED WELDING SHOP AREAS

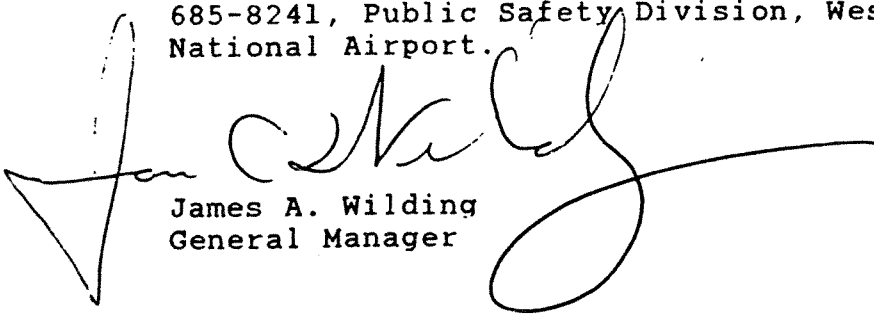
"Open" permits shall be issued for welding, cutting or other open flame work performed in "approved" shop areas. "Approved" is defined as any designated shop area specifically designed for welding, cutting and other open flame work and approved by the Metropolitan Washington Airports Authority Fire Code Official (Fire Chief, MA-320, or Fire Marshal, MA-320D) for that purpose.

## 6.3 CONSTRUCTION SITES

Permits for welding, cutting and other open flame work for construction or renovation projects shall be issued for the duration of the project.

## 7.0 COMPLIANCE

Compliance with all requirements established in this document shall be the responsibility of all personnel performing welding, cutting and other open flame work at the airports. Informational documents containing requirements and standards for welding, cutting and other open flame work may be obtained from the Metropolitan Washington Airports Authority Fire Marshal's Office, 685-8241, Public Safety Division, West Lab Building, Washington National Airport.



James A. Wilding  
General Manager

**Metropolitan Washington Airports Authority**  
**PUBLIC SAFETY DIVISION**  
**FIRE PREVENTION SECTION**

- IAD
- DCA

**WELDING/CUTTING PERMIT**

DATE WORK TO BEGIN	DATE OF ISSUE	DATE OF COMPLETION/EXPIRATION
COMPANY'S NAME		
SUPERVISOR/FOREMAN		EMERGENCY CONTACT NUMBER
OFFICE NUMBER		HOURS OF OPERATION
LOCATION OF SITE WHERE WORK IS TO BE PERFORMED: <span style="float: right;"><input type="checkbox"/> Inside <input type="checkbox"/> Outside</span>		
DESCRIPTION OF WORK TO BE PERFORMED:		
EQUIPMENT TO BE USED:		
<input type="checkbox"/> Electric Arc <input type="checkbox"/> Acetylene Generator <input type="checkbox"/> Other _____ <input type="checkbox"/> Calcium Carbide <input type="checkbox"/> Gas Cylinders		
Fire System Impairment Required? ..... <input type="checkbox"/> Yes <input type="checkbox"/> No Cylinder Storage Required? ..... <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Inside? <input type="checkbox"/> Outside? Cylinder Storage Permit Issued? ..... <input type="checkbox"/> Yes <input type="checkbox"/> No		
All welding/cutting operations shall be performed in accordance with the requirements established by the Virginia Statewide (BOCA) Fire Prevention Code, OSHA, NFPA 51B Standards, and other requirements established by the Metropolitan Washington Airports Authority. Compliance with all requirements established in the documents listed above shall be the responsibility of all personnel performing welding/cutting operations. <b>Emergency Phone Numbers:</b> Washington Dulles International Airport — 661-9211      Washington National Airport — 685-8200		
INSPECTION DATE		INSPECTION TIME
FIRE DEPARTMENT REPRESENTATIVE'S NAME		ON-SITE SUPERVISOR'S NAME