

## **FIRE PROTECTION SYSTEM IMPAIRMENT PROCEDURES**

Even though sprinklers should always be in service, there will be times when it is necessary to shut off a portion of the system for repairs or renovations. This is called impairing the system. This also refers to any repairs or renovations to associated alarm and detection systems.

When any fire protection system is taken off line, it is important to ensure that the system is not taken off line for longer than necessary and that all precautions are taken while the system is out of service.

If possible, all fire protection impairments should be planned in advance. Even when the impairment is an emergency, the following precautions should be taken before and during the impairment.

1. All planned impairments must be requested through the Technical Division / Maintenance and Engineering Department 24 hours in advance.
2. The appropriate forms shall be completed and submitted to the Emergency Response Service for approval.
3. All repair materials and equipment should be available before the system is impaired.
4. Temporary protection such as extinguishers and charged hose lines should be set up before the impairment. All affected control valves should be tagged to indicate impairment. Also consider back feeding and cross feeding the system.
5. The Jamaica Fire Brigade shall be notified so that they are prepared to respond and handle any emergency.
6. MBJ operations Centre shall notify all agencies/concessionaires in the affected areas.
7. A fire watch shall be conducted in the area where protection is out of service. The fire watch may be conducted hourly or may be fixed.
8. A systems test and inspection shall be conducted after any repairs or renovations to the system.
9. Systems restore times and completion shall be indicated on the approved form.
10. All records of system impairments including authorization, completion and restoration shall be kept by the Emergency Response Service. Impairments shall be recorded in AIRS.

**MBJ Airports Limited Fire Protection System Impairment Authorization Form**

This Permit must be completed and submitted for approval a minimum of 24 hours prior to any planned impairment. Once approved, this authorizes the Contractor to perform the repairs and or renovations detailed herein, subject to the requirements of the Technical and Operations (Emergency Response) Divisions.

**Routing:** Request forwarded to Technical (Maintenance and Engineering). Forward to Emergency Response Service (Tel: 952-2211/Fax: 940-4381) for authorization. Authorizer will forward copies to Requestor, Airport Operations. A copy will be kept on work site for inspection.

Date of Request: \_04 June 2015\_ Requestor: \_Opal Taylor\_

Affected Valves: Sprinkler \_\_\_\_\_ Hydrant \_\_\_\_\_ Smoke Detectors \_\_\_\_\_ Pull Stations \_\_\_\_\_

Building Name and Specific Area: **Terminal Building East Concourse First Floor Aldeasa Storage Room**

Start Date/Time: \_\_\_\_\_ Expected Duration: \_\_\_\_\_ hours

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Affected buildings/areas inspected by Emergency Response Service/ **Maintenance and Engineering**

Mitigations: ☐ Cease hot work ☐ Hourly fire watch ☐ Backfeed sprinkler

☐ Bldg evacuated ☐ Ignition sources eliminated / fuel limited

Other (describe): \_\_\_\_\_

☐ MBJ Operations, Jamaica Fire Brigade, MBJ Security all notified.

Operations Centre Duty Managers requested to notify all Affected Agencies.

☐ Maintenance and Engineering department to provide tags on affected riser(s) and out-of-sight fire department connections

☐ Planning is in place so that all necessary tools and materials will be available at impairment site

MBJ Airport's Authorization

Authorizing Signature: \_\_\_\_\_ Date: \_\_\_\_\_

☐ Retroactive for emergency impairment

**RESTORATION**

☐ Impairment tag with evidence of system test returned to impairment coordinator

☐ MBJ Operations, Jamaica Fire Brigade, MBJ Security all notified.

Operations Centre Duty Managers requested to notify all Affected Agencies.

MBJ Airport's Authorization