

Infection Control Risk Assessment Form (ICRA)



INFECTION CONTROL RISK ASSESSMENT (ICRA) FORM

Project Name: _____

Project Location: _____

Project Manager: _____

Instructions for completing this form:

The **project team or hiring department supervisor** must complete this form to determine the impact of the project or work on surrounding occupancies for both migration of dust and life safety measures.

- Provide a brief description of the work/project
- Select the appropriate "Type" of construction activity using the table in Step 2
- Select the appropriate "Risk" group using the table in Step 3
- Use the matrix in Step 4 to determine the dust mitigation measures required for this work
- Complete Step 5 to identify any impact to life safety measures (i.e. routes of egress, penetration of fire rated barriers, impact to fire detection or suppression systems)
- Return completed form to EHS for review prior to the start of any work

Step 1: Provide a brief description (scope) of the work/project:



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Step 2: Determine Type of Project:

From the table below, select the type of project that best describes the work to be performed.

| Type of Construction | Description | Example Activities |
|----------------------|---|--|
| Type A | Inspection and Non-Invasive Activities that does not generate dust or fumes, short term work only. | <ul style="list-style-type: none"> • Visual inspections including above the ceiling • Painting (but not sanding) • Minor electrical work • Minor plumbing repairs |
| Type B | Small scale, short duration (<72 hours) activities which creates minimal dust or fumes. | <ul style="list-style-type: none"> • Installation of telephone, electrical and computer cabling including within ceiling • Access to chase spaces (i.e. a vertical shaft in a building or duct which connects floor to floor) • Cutting of walls or ceiling if dust migration can be controlled (e.g. HEPA Vac or wet sand) |
| Type C | Longer term activities (>72 hours) or activities that generate a moderate to high level of dust or fumes. | <ul style="list-style-type: none"> • Sanding of walls for painting or wall covering • Removal of floor coverings, ceiling tiles and casework • New wall construction • Duct work • Prolonged activities meaning demolition or removal of fixed building component or assembly if dust migration cannot be easily controlled |
| Type D | Major demolition and construction projects. | <ul style="list-style-type: none"> • Extensive demolition • New construction or extensive renovation |

Step 3: Identify the Area Risk Group (Check appropriate Risk):

From the table below, identify the groups/spaces that are potentially impacted by the project. This should include all areas surrounding the project. If there is more than one risk group that will be affected, use the higher risk group.

| Risk Group | Example of groups and/or spaces |
|---------------|--|
| Low | <ul style="list-style-type: none"> • No patient care or occupancy • No laboratory research or materials present |
| Medium | <ul style="list-style-type: none"> • Most active laboratories • Outpatient areas, patient occupancy and support service areas |
| High | <ul style="list-style-type: none"> • Clean rooms • Areas with high value equipment subject to damage from dust • High risk outpatient and all inpatient areas |



Step 4: Determine Class (I – IV) of Risk Mitigation Measures Required:

Plot the risk mitigation measures required for this work/project.

| Risk Mitigation Measures Matrix | | | | |
|---------------------------------|---------------------------|--------------|--------------|----------|
| Area Risk Group | Construction Project Type | | | |
| | Type A | Type B | Type C | Type D |
| Low Risk | Class I | Class I | Class II | Class IV |
| Medium Risk | Class I | Class II | Class III | Class IV |
| High Risk | Class II | Class III/IV | Class III/IV | Class IV |

| | |
|---|--|
| Construction Project Type (enter selection from Step 2) _____ → | |
| Risk Group (enter selection form from Step 3) _____ → | |
| Class of Risk Mitigation Measures Required (from matrix above) _____ → | |

All work/construction projects that require Class II, III or IV risk mitigation measures will require approval of a dust control plan prior to the start of work. Details of the dust mitigation measures required to be taken for each classification can be found in the Contractor's Safety Manual.

Step 5: Life Safety Assessment:

| Life Safety Assessment | Answer (Yes, No) | Alternative Measures If "YES" is answered for any questions in the life safety assessment, alternative life safety measures must be taken and documented in a plan submitted to EHS for approval. Examples of alternate measures are provided below. |
|--|---------------------|--|
| 1. Will any existing required path of egress be obstructed or impacted by planned work or construction? | | <ul style="list-style-type: none"> • If unable to maintain at least 36" path of egress, provide plan to show code compliant reconfiguration of path(s) of egress. • Existing exit signage that is no longer appropriate must be covered until the permanent paths of egress are open. • Where exits are redefined, new illuminated exit signage must be installed on the new path(s) of egress. |
| 2. Will any existing exit signs need to be covered; removed or relocated? | | |
| 3. Will new exit signage be required due to rerouting of a path or egress? | | |
| 4. Will fire suppression system (wet/dry/pre-action sprinklers) be impaired during any part of planned work or construction? | | <ul style="list-style-type: none"> • When impairments to either a fire alarm system or a fire suppression system will exceed four hours, a fire watch must be implemented by fire guard(s) possessing the appropriate FDNY Certificate of Fitness. • The number fire guards required is contingent of the size of the space impacted by the impairment (ex. 1 fire guard per 50,000 sqf). |
| 5. Will any component of a fire alarm system be impaired during any part of planned work or construction? | | |



| | | |
|---|--|--|
| <p>6. Will any existing fire/smoke rated separation be impacted by planned work or construction?</p> | | <ul style="list-style-type: none"> • Prior to the demolition of a fire rated wall between a work/construction space and an occupied space of the building, a rated wall of equal or hire rating must be installed. • Any penetration made through a fire rated barrier must be fire stopped immediately. |
| <p>7. Will existing fire extinguishers be removed from the space during planned work or construction?</p> | | <ul style="list-style-type: none"> • Contractor must provide temporary fire extinguishers within the space. Extinguishers at a minimum must be rated 10 lb ABC type equipped with tamper seal and inspection tag. |

Step 6: Sign-Off:

Project Team/Hiring Department Supervisor must complete this form to document the results of the assessment of the planned work/construction project. The completed form must be submitted to EHS prior to the start of the work/project.

PROJECT NAME/DESCRIPTION: _____

Construction Project Type (A-D): _____

Risk Group Classification (Low-Medium-High): _____

Risk Mitigation Measures Class (I – IV): _____

Have any life safety issues been identified through the Life Safety Assessment? ___ Yes ___ No

The Project Team / Hiring Department Supervisor must submit a written plan detailing how dust/fume control and any required Interim Life Safety Measures (ILSM) will be achieved to Environmental Health and Safety for any work that:

1. Requires Class II, III, or IV risk mitigation measures, and/or
2. Requires interim life safety measures

Work cannot commence until the plan is approved by both EHS and the Project Manager.

Sign-Off:

Project Manager/Supervisor: _____ Date: _____

Environmental Health and Safety: _____ Date: _____