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| Chubb Exposure Assessment Form  Demolition |
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|  |  | Date of Assessment |  |
|  |  | Completed By |  |

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| Project |  |
| Contract Number |  |
| Contractor |  |
| Supervisor |  |
| Activity Start Date |  |
| Expected Completion Date |  |
| No. of Workers |  |

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| Operation | Item # | Exposure | Mitigation / Controls |
| 1. Abatement of environmental material within project structures. | 1A | Failure to erect and maintain containment structures. |  |
|  | 1B | Utilization of workers who do not present the required documented formal safety & health training for the environmental work being performed. |  |
|  | 1C | Failure to implement environmental air monitoring measures in work and public areas to obtain continuous ambient readings that can negatively impact workers and community air quality. |  |
|  | 1D | Failure to equip workers with required protective clothing and PPE to safely perform specific exposures for tasks. |  |
|  | 1E | Failure to ensure required written respiratory protection program and procedures meeting federal safety standards is implemented and executed. |  |
|  | 1F | Failure to create and maintain clear and unobstructed passageways with proper signage providing workers with safe passage to emergency exits. |  |
|  | 1G | Insufficient and clearly identified locations of approved fire extinguishers. |  |
|  | 1H | Failure to have JHA completed, approved, and reviewed with crew performing the work. |  |
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| 1. Above and below-ground utilities and mechanical devices are identified, shut off and depressurized, disconnected, locked out and/or relocated to perform demolition. | 2A | Failure to identify and confirm locations of all associated energy main supply sources. |  |
|  | 2B | Failure to notify utility companies of underground excavation and request identification and mark out of underground utilities. |  |
|  | 2C | Failure to upkeep and refresh utility markings to ensure clear identification is maintained. |  |
|  | 2D | Failure to obtain confirmation from qualified person, all energized power sources have been properly de-energized and made safe. |  |
|  | 2E | Failure to ensure de-energizing of power sources performed only by qualified and trained individuals. |  |
|  | 2F | Failure to require and ensure engineered drawings, identifying power sources to be de-energized or dismantled, have been completed by qualified firms or individuals prior to commencing work. |  |
|  | 2G | Failure to notify and coordinate with building facility engineering team, identification, and de-energizing of any life safety systems prior to demolition. |  |
|  | 2H | Failure to provide and ensure required PPE for the specific tasks has been provided and being utilized by workers. |  |
|  | 2I | Failure to have JHA completed, approved, and reviewed with crew performing the work. |  |
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| 1. Dismantling of structure. | 3A | Commencing demolition work without approved engineered drawings and procedures, identifying sequence for safely removing load bearing members and other associated procedures to ensure a premature collapse of the structure does not take place. |  |
|  | 3B | Failure to confirm all workers engaged in demolition related work are qualified to perform the work and have documented safety training associated with the demolition operation. |  |
|  | 3C | Failure to identify and mark out with paint, structural support members that should be removed. |  |
|  | 3D | Failure to conduct safety assessment of operations including health related exposures to identify worker exposure to airborne concentration of hazardous material and ensure required respiratory protection program and procedures are in place. |  |
|  | 3E | Failure to provide workers with required proper PPE to safely perform the work at hand. |  |
|  | 3F | Failure to coordinate work daily with crews and establish Controlled Access Zones where necessary to prevent unauthorized entry to work areas. |  |
|  | 3G | Fall exposures associated with working at elevated locations without utilization of approved Personal Fall Arrest Systems. |  |
|  | 3H | Failure to identify and address procedures to prevent workers from being struck by overhead falling objects. |  |
|  | 3I | Exposure to fires resulting from hot work-related activities and failure to maintain sufficient fire watch during and at least one hour after burning operation has stopped. |  |
|  | 3J | Failure to conduct continuous air monitoring inside of buildings where mobile equipment is utilized to monitor potential exhaust and gas fume build up. |  |
|  | 3K | Failure to have JHA completed, approved, and reviewed with crew performing the work. |  |
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| 1. Loading and offloading demo material for transit offsite. | 4A | Overloading trucks beyond rated capacity or payload. |  |
|  | 4B | Workers struck by rotating structure of equipment and/or struck by moving equipment. |  |
|  | 4C | Overexertion/ strain associated with handling of debris. |  |
|  | 4D | Struck by falling object from heavy equipment loading trucks. |  |
|  | 4E | Failure to implement MPT procedures guiding trucks entering and exiting site. |  |
|  | 4F | Failure to have JHA completed, approved, and reviewed with crew performing the work. |  |
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