

SECTION 02 83 19.01
LEAD ABATEMENT AND RENOVATION, REPAIR AND PAINTING (RRP) SPECIFICATIONS.
(EXTERIOR WORK AREAS)

SECTION 02 83 19

1.01 REFERENCE STANDARDS

- A. 29 CFR 1910 - Occupational Safety and Health Standards; Current Edition.
- B. 29 CFR 1910.134 - Respiratory protection; Current Edition.
- C. 29 CFR 1926 - Safety and Health Regulations for Construction; Current Edition.
- D. 29 CFR 1926.62 - Lead; current edition.
- E. 40 CFR 261 - Identification and Listing of Hazardous Waste; Current Edition.

LEAD ABATEMENT AND RENOVATION, REPAIR AND PAINTING (RRP) SPECIFICATIONS.

(EXTERIOR WORK AREAS)

GENERAL OVERVIEW.

ALL WORK TO BE PERFORMED UNDER THIS CONTRACT IS FOR THE REMOVAL AND/OR PREVENTION OF LEAD-BASED PAINT AND IS SUBJECT TO AND MUST BE IN ACCORDANCE WITH ALL APPLICABLE LAWS, RULES, AND REGULATIONS CONCERNING LBP ABATEMENT AND RENOVATION, REPAIR AND PAINTING WORK AS DIRECTED INCLUDING, BUT NOT LIMITED TO, (A) 24 CFR PART 35 "REQUIREMENTS FOR NOTIFICATION, EVALUATION, AND REDUCTION OF LEAD-BASED PAINT HAZARDS IN FEDERALLY OWNED RESIDENTIAL PROPERTY AND HOUSING RECEIVING FEDERAL ASSISTANCE," (B) 40 CFR PART 745 "LEAD: REQUIREMENTS FOR LEAD-BASED PAINT IN TARGET HOUSING AND CHILD OCCUPIED FACILITIES," (C) THE UNITED STATES DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT'S ("HUD") "GUIDELINES FOR THE EVALUATION AND CONTROL OF LEAD-BASED PAINT HAZARDS IN HOUSING (2012 EDITION)," AS REQUIRED AND AS SUPPLEMENTED BY NYCHA, (D) EPA LEAD RENOVATION, REPAIR AND PAINTING RULE (APRIL 22, 2008), (E) SECTION 173.14 OF THE HEALTH CODE OF THE CITY OF NEW YORK – SAFETY STANDARDS FOR LEAD-BASED PAINT ABATEMENT (THE "NYC HEALTH CODE"), (F) THE DIRECTIONS FOR THE CORRECTION OF LEAD POISONING HAZARDS OF THE DEPARTMENT OF HEALTH AND MENTAL HYGIENE OF THE CITY OF NEW YORK ("DOHMH"), (G) THIS CONTRACT SPECIFICATION, (H) NYCHA [LEAD SAFE HOUSING](#) STANDARD PROCEDURE (SP:050201, REV. 7/5/2022) AND, (I) OSHA 29 CFR 1926.62. "LEAD IN CONSTRUCTION" STANDARD, AND ALL OTHER LAWS, RULES, AND REGULATIONS APPLICABLE TO THE CONTRACT AND THE WORK.

ALL MEASUREMENTS REQUIRED FOR PROPER EXECUTION OF THE WORK IS THE CONTRACTOR'S RESPONSIBILITY. BEFORE SUBMITTING A BID, THE CONTRACTOR SHALL EXAMINE ALL EXISTING CONDITIONS WHICH MAY IMPACT THE WORK AND INCLUDE THEM IN HIS BID PRICE.

ALL WORK SHALL CONFORM TO THE LATEST INDUSTRY PRACTICES AND STANDARDS.

2.0 DEFINITIONS

UNLESS OTHERWISE SPECIFIED THE FOLLOWING DEFINITIONS SHALL APPLY:

ABATEMENT: ANY MEASURE DESIGNED TO PERMANENTLY ELIMINATE LEAD-BASED PAINT HAZARDS IN ACCORDANCE WITH STANDARDS ESTABLISHED BY THE EPA ADMINISTRATOR PURSUANT TO TITLE IV OF THE TOXIC SUBSTANCE CONTROL ACT (TSCA). ABATEMENT STRATEGIES INCLUDE REMOVAL OF LEAD-BASED PAINT; REPLACEMENT OF BUILDING COMPONENTS COATED BY LEAD-BASED PAINT; REMOVAL OF LEAD-CONTAMINATED DUST; REMOVAL OR COVERING OF LEAD-CONTAMINATED SOIL WITH A DURABLE COVERING (NOT GRASS OR SOD, WHICH ARE CONSIDERED INTERIM CONTROL MEASURES); AS WELL AS ALL PREPARATION, CLEANUP, DISPOSAL, POST-ABATEMENT CLEARANCE TESTING, RECORD-KEEPING, AND MONITORING (IF APPLICABLE). ENCLOSURE OF LEAD-BASED PAINT AND ENCAPSULATION OF LEAD-BASED PAINT (WITH A PRODUCT THAT HAS BEEN SHOWN TO MEET STANDARDS ESTABLISHED OR RECOGNIZED PURSUANT TO TITLE IV OF TSCA) SHALL ONLY BE USED ON A LIMITED BASIS WITH PRE-APPROVAL BY THE NYCHA DESIGNATED REPRESENTATIVE.

ABATEMENT CONTRACTOR: THE CONTRACTOR RESPONSIBLE, UNDER A SEPARATE CONTRACT, FOR LEAD ABATEMENT AND CLEANING OF LEAD DUST, AS DIRECTED BY THE AUTHORITY, UNTIL THE CLEARANCE LEVELS ARE ACHIEVED, AS DEFINED IN THE "HUD GUIDELINES FOR THE EVALUATION AND CONTROL OF LEAD-BASED PAINT HAZARDS IN HOUSING", (2012 EDITION) OR LATEST EDITION PUBLISHED BY THE UNITED STATES DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD).

APPROVED: APPROVED BY ALL PUBLIC AGENCIES HAVING JURISDICTION, AND/OR THE AUTHORITY OR ITS REPRESENTATIVE, AS APPLICABLE.

THE “AUTHORITY”: THE NEW YORK CITY HOUSING AUTHORITY, AND ITS DESIGNATED AUTHORIZED REPRESENTATIVES.

CLEANING: THE USE OF A HEPA VACUUM AND WET CLEANING AGENTS TO REMOVE LEADED DUST. THE PROCESS ALSO INCLUDES THE REMOVAL OF BULK DEBRIS FROM THE WORK AREA.

COMMON AREA: A PORTION OF A RESIDENTIAL PROPERTY THAT IS AVAILABLE FOR USE BY OCCUPANTS OF MORE THAN ONE DWELLING UNIT. SUCH AN AREA MAY INCLUDE, BUT IS NOT LIMITED TO, HALLWAYS, STAIRWAYS, LAUNDRY AND RECREATIONAL ROOMS, PLAYGROUNDS, COMMUNITY CENTERS, ON-SITE DAY CARE FACILITIES, GARAGES, AND BOUNDARY FENCES.

CONTAINMENT: A PROCESS FOR PROTECTING OTHER WORKERS, RESIDENTS, AND THE ENVIRONMENT BY ISOLATING AREAS FROM EXPOSURES TO LEAD DUST AND DEBRIS CREATED DURING ABATEMENT IN A WORK AREA.

THE CONTRACTOR: THE CONTRACTOR THAT IS AWARDED A CONTRACT BY NYCHA TO PERFORM THE WORK DESCRIBED IN THE CONTRACT DOCUMENTS.

CLEARANCE EXAMINATION: AN ACTIVITY CONDUCTED FOLLOWING LEAD-BASED PAINT HAZARD REDUCTION ACTIVITIES TO DETERMINE THAT THE HAZARD REDUCTION ACTIVITIES ARE COMPLETE AND THAT NO SOIL-LEAD HAZARDS OR SETTLED DUST-LEAD HAZARDS EXIST IN THE DWELLING UNIT OR WORKSITE. THE CLEARANCE PROCESS INCLUDES A VISUAL ASSESSMENT AND COLLECTION AND ANALYSIS OF ENVIRONMENTAL SAMPLES. DUST-LEAD STANDARDS FOR CLEARANCE ARE FOUND AT 24 CFR 35.1320 AND LOCAL LAW 66.

DE MINIMIS LEVEL: DEFINED BY THE HUD LEAD SAFE HOUSING RULE (LSHR) APPENDIX 6 AS A VERY SMALL AREA THAT CAN BE REPAIRED WITHOUT TRAINED WORKERS, LEAD-SAFE WORK PRACTICES OR A CLEARANCE EXAMINATION. THIS SMALL AREA THRESHOLD, WHICH APPLIES TO HUD-ASSISTED AND HUD-OWNED HOUSING (AND WORK ON OTHER HOUSING THAT USES THE LSHR THRESHOLD, INCLUSIVE OF STATE AND LOCAL LAWS) REFERRED TO HERE AS THE DE MINIMIS, IS A DISRUPTION OF NO MORE THAN:

20 SQ FEET ON EXTERIOR SURFACES

2 SQ FEET PER ROOM.

10% OF A SMALL COMPONENT TYPE.

DETERIORATED PAINT: ANY INTERIOR OR EXTERIOR PAINT OR OTHER COATING THAT IS PEELING, CHIPPING, CHALKING, OR CRACKING, OR ANY PAINT OR COATING LOCATED ON AN INTERIOR OR EXTERIOR SURFACE OR FIXTURE THAT IS OTHERWISE DAMAGED OR SEPARATED FROM THE SUBSTRATE.

DEVELOPMENT: A GROUP OF BUILDINGS, IN ONE OR MORE DESIGNATED GEOGRAPHICAL LOCATIONS, OWNED OR OPERATED BY THE AUTHORITY AND REFERRED TO BY A COMMON NAME BY THE AUTHORITY.

EQUAL OR APPROVED EQUAL: EQUAL AT THE SOLE DISCRETION OF THE AUTHORITY OR ITS REPRESENTATIVE, WHICH MUST BE APPROVED BY THE AUTHORITY PRIOR TO ITS USE BY THE CONTRACTOR. THE APPROVED EQUAL MUST BE ABLE TO PERFORM THE SAME FUNCTION AS REQUIRED BY SPECS AT NO ADDITIONAL COST.

EMERGENCY PROJECT: PROJECTS ISSUED TO RESTORE TIME-SENSITIVE CRITICAL SERVICES TO NYCHA RESIDENTS AND/ OR AS DESIGNATED BY THE CHIEF ASSET & CAPITAL MANAGEMENT OFFICER’.

ENVIRONMENTAL INVESTIGATION: THE PROCESS OF DETERMINING THE SOURCE OF LEAD EXPOSURE FOR A CHILD UNDER AGE 6 WITH AN ELEVATED BLOOD LEAD LEVEL, CONSISTING OF ADMINISTRATION OF A QUESTIONNAIRE, COMPREHENSIVE ENVIRONMENTAL SAMPLING, CASE MANAGEMENT, AND OTHER MEASURES, IN ACCORDANCE WITH CHAPTER 16 OF THE HUD GUIDELINES FOR THE EVALUATION AND CONTROL OF LEAD-BASED PAINT HAZARDS IN HOUSING (GUIDELINES).

“HIGH EFFICIENCY PARTICULATE AIR” (HEPA): A TYPE OF FILTERING SYSTEM CAPABLE OF FILTERING OUT PARTICLES OF 0.3 MICRONS OR GREATER DIAMETER FROM A BODY OF AIR AT 99.97% EFFICIENCY OR GREATER.

HUD: THE UNITED STATES DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT.

HUD GUIDELINES: GUIDELINES FOR THE EVALUATION AND CONTROL OF LEAD-BASED PAINT HAZARDS IN HOUSING ISSUED BY HUD'S OFFICE OF LEAD-BASED PAINT ABATEMENT AND POISONING PREVENTION IN JULY 2012- SECOND EDITION EXCEPT AS SUCH GUIDELINES ARE LATER MODIFIED BY HUD.

MONITORING CONTRACTOR: THE CONTRACTOR IS RESPONSIBLE, UNDER A SEPARATE CONTRACT FOR INSPECTION MONITORING, TO ENSURE COMPLIANCE WITH THE LEAD-BASED PAINT ABATEMENT CONTRACT AND ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

NOTICE OF EVALUATION: A DOCUMENT INFORMING OCCUPANTS OF A UNIT OR COMMON SPACE OF A RISK ASSESSMENT, A LEAD HAZARD SCREEN, A LEAD-BASED PAINT INSPECTION, PAINT TESTING, OR A COMBINATION OF THESE TO DETERMINE THE PRESENCE OF LEAD-BASED PAINT HAZARDS OR LEAD-BASED PAINT, OR AN ENVIRONMENTAL INVESTIGATION.

NOTICE OF LEAD HAZARD PRESUMPTION: A DOCUMENT INFORMING OCCUPANTS OF A UNIT OR COMMON SPACE THAT HAS NOT BEEN EVALUATED FOR LEAD-BASED PAINT, BUT IT HAS BEEN PRESUMED BY A USEPA LICENSED LEAD RISK ASSESSOR THAT LEAD-BASED PAINT OR LEAD BASED PAINT HAZARDS ARE PRESENT.

NOTICE OF HAZARD REDUCTION: A DOCUMENT INFORMING OCCUPANTS OF A UNIT OR COMMON SPACE DETAILING THE RESULTS OF MEASURES DESIGNED TO REDUCE OR ELIMINATE HUMAN EXPOSURE TO LEAD-BASED PAINT HAZARDS THROUGH METHODS INCLUDING INTERIM CONTROLS OR ABATEMENT OR A COMBINATION OF THE TWO.

OCCUPANT: A PERSON WHO INHABITS A DWELLING UNIT.

PROVIDE: FURNISH AND INSTALL.

RENOVATION, REPAIR AND PAINTING (RRP): THE MODIFICATION OF ANY EXISTING STRUCTURE, OR PORTION THEREOF, THAT RESULTS IN THE DISTURBANCE OF PAINTED SURFACES, UNLESS THAT ACTIVITY IS PERFORMED AS PART OF AN ABATEMENT AS DEFINED BY 40 CFR 745.223. RRP PROJECTS ARE TYPICALLY PERFORMED AT THE OPTION OF THE PROPERTY OWNER FOR AESTHETIC OR OTHER REASONS, OR AS AN INTERIM CONTROL TO MINIMIZE LEAD HAZARDS. IT IS NOT DESIGNED TO PERMANENTLY ELIMINATE LEAD-BASED PAINT HAZARDS.

RESIDENTIAL PROPERTY: A DWELLING UNIT, COMMON AREAS, BUILDING EXTERIOR SURFACES, AND ANY SURROUNDING LAND, INCLUDING OUTBUILDINGS, FENCES AND PLAY EQUIPMENT AFFIXED TO THE LAND, BELONGING TO AN OWNER AND AVAILABLE FOR USE BY RESIDENTS, BUT NOT INCLUDING LAND USED FOR AGRICULTURAL, COMMERCIAL, INDUSTRIAL, OR OTHER NON-RESIDENTIAL PURPOSES, AND NOT INCLUDING PAINT ON THE PAVEMENT OF PARKING LOTS, GARAGES, OR ROADWAYS.

“TOXICITY CHARACTERISTIC LEACHATE PROCEDURE” (TCLP): A LABORATORY TEST TO DETERMINE IF EXCESSIVE LEVELS OF LEAD OR OTHER HAZARDOUS MATERIALS COULD LEACH FROM A SAMPLE INTO GROUNDWATER; USUALLY USED TO DETERMINE IF WASTE IS HAZARDOUS BASED ON ITS TOXICITY CHARACTERISTICS (RCRA 40 CFR PART 261).

VISUAL INSPECTION: THE U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT (HUD) AND THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA) DEFINE AN INSPECTION AS A SURFACE-BY-SURFACE INVESTIGATION TO DETERMINE THE PRESENCE OF LEAD-BASED PAINT (SEE 40 CFR PART 745 AND TITLE X OF THE 1992 HOUSING AND COMMUNITY DEVELOPMENT ACT). THE SAMPLING PROTOCOLS IN THIS CHAPTER FULFILL THAT DEFINITION.

VISUAL ASSESSMENT: A VISUAL INSPECTION OF INTERIOR AND EXTERIOR SURFACES TO IDENTIFY SPECIFIC CONDITIONS THAT MAY BE LEAD-BASED PAINT HAZARDS. A VISUAL INSPECTION DOES NOT IDENTIFY LEAD-BASED PAINT. THE ASSESSMENT MAY BE PERFORMED BY A PERSON TRAINED IN VISUAL ASSESSMENT. TRAINING FOR VISUAL ASSESSMENT IS AVAILABLE ON HUD'S WEBSITE AT WWW.HUD.GOV/OFFICES/LEAD.

XRF (X-RAY FLUORESCENCE): A NON-DESTRUCTIVE ANALYTICAL TECHNIQUE USED TO DETERMINE THE ELEMENTAL COMPOSITION OF MATERIALS. XRF ANALYZERS DETERMINE THE CHEMISTRY OF A SAMPLE BY MEASURING THE FLUORESCENT (OR SECONDARY) X-RAY EMITTED FROM A SAMPLE WHEN IT IS EXCITED BY A PRIMARY X-RAY SOURCE.

1.03. CONTRACTOR QUALIFICATIONS

LICENSE/CERTIFICATION REQUIREMENTS:

THE CONTRACTOR SHALL PROVIDE QUALIFIED EMPLOYEES, IN ACCORDANCE WITH THE CONTRACT REQUIREMENTS, TO PERFORM WORK IN ACCORDANCE WITH THIS CONTRACT. PRIOR TO PERFORMING ANY WORK, THE CONTRACTOR'S ON-SITE EMPLOYEES SHALL BE TRAINED IN A PROGRAM FORMALLY ACCREDITED EITHER BY EPA OR BY AN EPA-APPROVED STATE PROGRAM FOR LEAD-BASED PAINT ABATEMENT WORKERS AND SUPERVISORS. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF ALL REQUIRED WORKER CERTIFICATIONS. THE TRAINING SHALL BE IN ACCORDANCE WITH 40 CFR 745.225. EMPLOYEES OR WORKERS PERFORMING WORK UNDER THE CONTRACT MUST HAVE TAKEN A TRAINING THAT MEETS THE REQUIREMENTS OF 40 CFR 745.225 (ACCREDITATION OF TRAINING PROGRAMS) AND MUST POSSESS, AT ALL TIMES WHEN PERFORMING WORK UNDER THE CONTRACT, AN INDIVIDUAL CERTIFICATION ISSUED BY THE EPA PURSUANT TO 40 CFR 745.226, FOR PURPOSES OF CLARITY AND FOR THE PURPOSES OF THE REQUIREMENTS OF THIS SECTION, A COURSE COMPLETION CERTIFICATE THAT IS CONSIDERED AN INTERIM CERTIFICATION UNDER 40 CFR 745.226(B)(4) IS NOT AN APPROPRIATE SUBSTITUTE FOR AN EPA CERTIFICATION ISSUED UNDER 40 CFR 745.226.

THE CONTRACTOR AND SUBCONTRACTOR PERFORMING LEAD-BASED PAINT ABATEMENT AND OR RENOVATION, REPAIR & PAINTING (RRP) WORK SHALL BE A CERTIFIED LEAD ABATEMENT CONTRACTOR UNDER 40 CFR 745.226 WHEN PERFORMING WORK AND SHALL ENSURE THAT SUPERVISORS AND WORKERS ARE TRAINED UNDER 40 CFR 745.225 (ACCREDITATION OF TRAINING PROGRAMS) , AND MUST POSSESS, AT ALL TIMES WHEN PERFORMING WORK UNDER THE CONTRACT, AN INDIVIDUAL CERTIFICATION ISSUED BY THE EPA PURSUANT TO 40 CFR 745.226, FOR PURPOSES OF CLARITY AND FOR THE PURPOSES OF THE REQUIREMENTS OF THIS SECTION, A COURSE COMPLETION CERTIFICATE THAT IS CONSIDERED AN INTERIM CERTIFICATION UNDER 40 CFR 745.226(B)(4) IS NOT AN APPROPRIATE SUBSTITUTE FOR AN EPA CERTIFICATION ISSUED UNDER 40 CFR 745.226.

DEMONSTRATED ABILITY OF WORKERS

THE CONTRACTOR SHALL PROVIDE A LIST OF QUALIFIED EMPLOYEES WHO WILL PERFORM TASKS IN ACCORDANCE WITH THIS CONTRACT. THE CONTRACTOR SHALL PROVIDE THE FOLLOWING MATERIAL TO NYCHA'S DESIGNATED REPRESENTATIVE:

COPIES OF CURRENT CERTIFICATIONS/LICENSES.

A SYNOPSIS OF EACH EMPLOYEE'S EXPERIENCE IN THE FIELD OF LEAD-BASED PAINT ABATEMENT.

CONTRACTOR'S EXPERIENCE REQUIREMENTS

THE CONTRACTOR SHALL PROVIDE DOCUMENTATION EVIDENCING THAT IT HAS SUCCESSFULLY COMPLETED AT LEAST THREE LEAD-BASED PAINT ABATEMENT JOBS IN THE PAST FIVE CALENDAR YEARS OF SIMILAR OR GREATER SIZE AND COMPLEXITY.

THE CONTRACTOR SHALL PROVIDE DOCUMENTATION OF PAST JOB EXPERIENCE INCLUDING REFERENCES THAT MAY BE CONTACTED.

INFORMATION REQUESTED ABOVE SHALL BE SUBJECT TO REVIEW AND APPROVED BY NYCHA'S DESIGNATED REPRESENTATIVE.

1.04. GENERAL PROVISIONS

THE WORK FOR THIS CONTRACT SHALL BE UNDER THE DIRECTION AND SUPERVISION OF THE NYCHA ASSET & CAPITAL MANAGEMENT DIVISION'S DESIGNATED REPRESENTATIVE(S).

THE OBLIGATIONS OF THE CONTRACTOR AND THE TERMS, CONDITIONS, AND REQUIREMENTS OF THESE SPECIFICATIONS SHALL BE MADE PART OF THE CONTRACT AND ARE INCLUDED IN THE OBLIGATIONS, TERMS, CONDITIONS, AND REQUIREMENTS SET FORTH IN THE CONTRACT AND IN THE CONTRACT, DOCUMENTS INCLUDING, BUT NOT LIMITED TO, THE CONTRACT'S HUD FORM 5370, AS SUPPLEMENTED BY NYCHA'S SPECIAL CONDITIONS.

IN THE EVENT OF ANY CONFLICT BETWEEN SUCH OBLIGATIONS, TERMS, CONDITIONS OR REQUIREMENTS, THE MORE STRINGENT PROVISION SHALL CONTROL, PROVIDED THAT NYCHA MAY ENFORCE ANY PROVISION SET FORTH IN THE CONTRACT REGARDLESS OF SUCH CONFLICT.

QUESTIONS REGARDING THESE SPECIFICATIONS SHALL BE ADDRESSED TO NYCHA'S DESIGNATED REPRESENTATIVE.

CONTRACTOR SHALL USE THE EPA CDX SYSTEM TO FILE NOTIFICATIONS OF ABATEMENT TO THE EPA AT LEAST 5 DAYS PRIOR TO THE START OF ABATEMENT. COPIES OF THE NOTIFICATIONS ARE TO BE EMAILED TO NYCHA PRIOR TO THE SCHEDULED ABATEMENT DATE. WHERE DOHMH FILING IS REQUIRED, THE CONTRACTOR IS TO FILE THE ABATEMENT WORK AT LEAST 10 DAYS PRIOR TO ABATEMENT AND EMAIL A COPY OF THE FILING TO NYCHA PRIOR TO THE SCHEDULED ABATEMENT DATE. ANY CHANGES IN THE INFORMATION THAT IS FILED REQUIRES AN AMENDED NOTIFICATION TO THE EPA AND DOHMH IMMEDIATELY AND ISSUANCE OF A COPY OF THE AMENDED FILING(S) WHERE APPLICABLE TO NYCHA.

IN LIMITED CIRCUMSTANCES AND WITH THE WRITTEN APPROVAL OF NYCHA'S DESIGNATED REPRESENTATIVE, THE CERTIFIED RENOVATOR MAY PERFORM RENOVATION REPAIR AND PAINTING ACTIVITIES (RRP) IN APARTMENT UNITS AND OTHER COMMON AREAS. IN SUCH CASES, THE PRECEDING FIRM, SUPERVISOR AND WORKER TRAINING AND CERTIFICATION REQUIREMENTS SHALL APPLY.

THE AREAS WHERE WORK IS BEING PERFORMED MAY BE ACCESSED BY TENANTS AND DEVELOPMENT STAFF, MAINTENANCE WORKERS AND VISITORS WHILE WORK IS BEING DONE. THE CONTRACTOR SHALL PERFORM THE ABATEMENT AND/OR RRP WORK WITH THE REQUIRED WORK AREA PREPARATION/PROTECTIONS AND THE LEAST INCONVENIENCE TO THE OCCUPANTS. NO UNAUTHORIZED PERSONS SHALL BE PERMITTED IN THE IMMEDIATE WORK AREA AT ANY TIME DURING ABATEMENT UNTIL VISUAL INSPECTION HAS BEEN COMPLETED.

THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT THE PROPERTY OF THE AUTHORITY. DAMAGED PROPERTY SHALL BE REPAIRED AND RESTORED TO ITS ORIGINAL CONDITION AT NO COST TO NYCHA. IF THE DAMAGE IS BEYOND REPAIR, THE CONTRACTOR SHALL REPLACE IT WITH NEW MATERIALS TO MATCH EXISTING, AT THE CONTRACTOR'S EXPENSE.

THE CONTRACTOR SHALL DEVELOP AN OCCUPANT PROTECTION PLAN (OPP) USING THE NYCHA OPP TEMPLATE PROVIDED IN THIS CONTRACT. THE OPP MUST BE SUBMITTED PRIOR TO THE COMMENCEMENT OF THE JOB IN THE LEAD WORK PLAN IN THE ERWP PROCESS IN EBUILDER FOR REVIEW AND APPROVED BY ECU. THE OPP SHALL INCLUDE SEQUENCING OF ABATEMENT/RRP WORK IN A MANNER THAT WILL BE LEAST DISRUPTIVE TO THE RESIDENTS. THE OPP MUST STATE IN DETAIL HOW WORK WILL BE PERFORMED, PROVISIONS TO NOTIFY AND PROTECT OCCUPANTS, EMERGENCY PROCEDURES, AND ALL OTHER COMPONENTS REQUIRED IN ACCORDANCE WITH 40 CFR 745.227(E)(5)(II). EITHER A USEAP CERTIFIED LEAD SUPERVISOR OR DESIGNER SHALL PREPARE THE OPP. A COPY SHALL BE AVAILABLE ON SITE THROUGHOUT THE PROCESS AND POSTED CONSPICUOUSLY OUTSIDE THE ABATEMENT AREA. OPP SHALL BE ATTACHED TO THE CONTRACTOR'S LEAD WORK PLAN (LWP) SUBMISSION TO NYCHA THROUGH E-BUILDER USING NYCHA OPP TEMPLATE (SEE OPP TEMPLATE ATTACHED). THE LWP MUST BE APPROVED BY NYCHA PRIOR TO ABATEMENT/RRP ACTIVITY.

WORKMANSHIP REQUIRED IN THE EXECUTION OF THE SCOPE HEREIN SPECIFIED SHALL BE OF GOOD QUALITY AND SUBJECT TO THE APPROVAL OF THE AUTHORITY.

CONTRACTOR SHALL MAKE ALL APPLICABLE AND NECESSARY NOTIFICATIONS TO RELEVANT FEDERAL, STATE AND LOCAL AUTHORITIES USING THE EPA CDX SYSTEM TO FILE NOTIFICATIONS OF ABATEMENT TO THE EPA AT LEAST 5 DAYS PRIOR TO THE START OF ABATEMENT.

THE CONTRACTOR SHALL ESTABLISH AND IMPLEMENT A CHEMICAL HAZARD COMMUNICATION PROGRAM AS REQUIRED BY OSHA REGULATIONS 29 CFR 1926.59 BY THE START OF THE PROJECT. THE PROGRAM SHALL BE INCLUDED IN THE LEAD WORK PLAN (LWP) SUBMITTED BY THE CONTRACTOR TO NYCHA FOR THE APPROVAL PRIOR ABATEMENT.

CONTRACTORS SHALL PROVIDE WORKERS WITH A COMPREHENSIVE MEDICAL EXAMINATION AS REQUIRED BY OSHA REGULATIONS 29 CFR 1926.62 BEFORE EXPOSURE TO LEAD CONTAMINATED DUST. THE MEDICAL EXAMINATION (FIT TEST) SHALL BE CONDUCTED TO APPROVE USE OF APPROPRIATE RESPIRATORS AND SHALL INCLUDE BIOLOGICAL MONITORING. NIOSH/MSHA APPROVED RESPIRATORS SHALL BE UTILIZED.

FOR EMPLOYEES REQUIRED TO WEAR A NEGATIVE PRESSURE RESPIRATOR, CONTRACTOR SHALL CONDUCT A RESPIRATOR FIT TEST AT THE TIME OF INITIAL FITTING AND AT LEAST ONCE EVERY SIX (6) MONTHS THEREAFTER AS REQUIRED BY OSHA REGULATIONS 29 CFR 1926.62.

CONTRACTOR SHALL FURNISH TO ITS WORKERS ON SITE APPROPRIATE RESPIRATORS APPROVED BY NIOSH FOR USE IN ATMOSPHERES CONTAINING LEAD AEROSOLS. CONTRACTORS SHALL INSTRUCT WORKERS IN ALL ASPECTS OF RESPIRATORY PROTECTION. CONTRACTOR SHALL ALSO MAINTAIN AN ADEQUATE SUPPLY OF HEPA FILTER ELEMENTS AND SPARE PARTS ON SITE FOR ALL TYPES OF RESPIRATORS IN USE.

FOR MANUAL DEMOLITION, SCRAPING, USE OF HEAT GUNS OR POWER TOOL PAINT REMOVAL WITH HEPA COLLECTION SYSTEMS, AT A MINIMUM WORKERS SHALL USE THE HALF-MASK NEGATIVE PRESSURE RESPIRATOR WITH HIGH EFFICIENCY P-100 FILTERS CHARCOAL COLOR AT A MINIMUM (FOR AIRBORNE CONCENTRATIONS NOT IN EXCESS OF 500/G/M3).

THE CONTRACTOR SHALL ENSURE THAT WORK AREA PREPARATIONS, WORK PRACTICES, AND CLEAN-UP PROCEDURES COMPLY WITH THIS SPECIFICATION AND APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS.

EQUIPMENT AND MATERIALS ARE PROHIBITED FROM BEING LEFT UNATTENDED AND UNSECURED IN COMMON AREAS. ALL EQUIPMENT AND MATERIALS SHALL BE PROPERLY SECURED OR REMOVED WHEN NOT IN USE. ANY STAGING OR TRANSPORT OF MATERIALS OR EQUIPMENT IN COMMON AREAS MUST BE APPROVED IN WRITING BY NYCHA'S DESIGNATED REPRESENTATIVE AND THE RELEVANT PROPERTY MANAGER OR DESIGNEE.

MATERIALS, EQUIPMENT, AND WASTE SHALL ONLY BE TRANSPORTED TO AND FROM ONSITE AREAS APPROVED BY THE NYCHA CONSTRUCTION SAFETY & QUALITY DEPT. (CSQ) ENVIRONMENTAL COMPLIANCE UNIT (ECU) IN THE APPROVED LEAD WORK PLAN (LWP).

ALL VEHICLES USED FOR THE TRANSFER OF HAZARDOUS WASTE GENERATED FROM THE ABATEMENT OR REMEDIATION WHEN CARTED AWAY FROM THE DEVELOPMENT, MUST BE CERTIFIED BY NYSDEC. THE TRANSFER FROM ONE VEHICLE TO ANOTHER, OR TO A WASTE CONTAINER CERTIFIED BY NYSDEC, SHALL ONLY OCCUR AT A LICENSED TRANSFER STATION. ALL WASTE SHALL BE TRANSPORTED TO A LICENSED WASTE FACILITY, LANDFILL OR RECYCLING FACILITY.

NYCHA WILL RETAIN AN INDEPENDENT USEPA CERTIFIED LEAD RENOVATOR, LEAD INSPECTOR OR LEAD RISK ASSESSOR TO MONITOR THE ABATEMENT CONTRACTOR.

LEAD ABATEMENT CONTRACTOR SHALL PROVIDE A SEPARATE SIGN-IN SHEET FOR ALL THE ABATEMENT WORKERS DAILY, DETAILING WORK LOCATION(S) AND NUMBER OF PERSONNEL ON SITE, THEIR NAMES, USEPA CERTIFICATE NUMBER AND EXPIRATION DATE AS PER ALL APPLICABLE REGULATIONS. THE SIGN-IN SHEETS SHALL BE UPLOADED TO THE E-BUILDER PROJECT FOLDER DAILY. WHEN THE ABATEMENT/RRP ACTIVITY IS COMPLETED THE SIGN-IN SHEETS SHALL BE SUBMITTED TO THE NYCHA CONSTRUCTION SAFETY & QUALITY DEPT. (CSQ) ENVIRONMENTAL COMPLIANCE UNIT (ECU) IN THE CONTRACTOR'S ABATEMENT/CLEANING VERIFICATION REPORT.

THE USEPA CERTIFIED LEAD ABATEMENT CONTRACTOR OR CERTIFIED RENOVATOR SHALL PROVIDE A LEAD ABATEMENT REPORT BASED ON THE NYCHA LEAD ABATEMENT REPORT TEMPLATE (SEE TEMPLATE IN APPENDIX) OR A CLEANING VERIFICATION REPORT TO CSQ WITHIN 7 DAYS AFTER COMPLETION OF THE REMEDIATION. IN THE EVENT RRP WORK IS APPROVED BY NYCHA, A CLEANING VERIFICATION REPORT SHALL BE SUBMITTED IN LIEU OF AN ABATEMENT REPORT AND OTHER NECESSARY DOCUMENTS IN EBUILDER FOR WORK PERFORMED IN EXTERIOR NON-COMMON AREAS OR INTERIOR NON-COMMON SPACE E.G. BOILER.

DETERMINE IF ANY WORKER WILL BE EXPOSED TO LEAD AT OR ABOVE THE ACTION LEVEL IN ACCORDANCE WITH OSHA REGULATION 29 CFR 1926.62 AND 29 CFR 1910.1025. CONDUCT AN EXPOSURE ASSESSMENT TO IDENTIFY THE LEVEL OF EXPOSURE A WORKER WOULD BE SUBJECTED TO WITHOUT RESPIRATORY PROTECTION. ASSESS THE EXPOSURE LEVEL BY OBTAINING PERSONAL MONITORING SAMPLES REPRESENTATIVE OF A FULL SHIFT OF AT LEAST AN 8-HOUR TWA.

FURNISH APPROPRIATE RESPIRATORS APPROVED BY NIOSH FOR USE IN ATMOSPHERES CONTAINING LEAD AEROSOLS. INSTRUCT WORKERS IN ALL ASPECTS OF RESPIRATORY PROTECTION. MAINTAIN AN ADEQUATE SUPPLY OF HEPA FILTER ELEMENTS AND SPARE PARTS ON SITE FOR ALL TYPES OF RESPIRATORS IN USE.

NOTIFY ALL APPLICABLE AGENCIES SUCH AS ENVIRONMENTAL PROTECTION AGENCY (EPA), DEPARTMENT OF HEALTH AND MENTAL HYGIENE (DOHMH), DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) FIVE (5) DAYS PRIOR TO THE DATE DE-LEADING WILL BEGIN AND SHALL PROVIDE EVIDENCE OF NOTIFICATIONS TO NYCHA'S DESIGNATED REPRESENTATIVE VIA EMAIL AND IN THE ABATEMENT/CLEANING VERIFICATION REPORT SUBMISSION TO CSQ PRIOR TO REMEDIATION.

FOR REMEDIAL WORK IN COMMON AREAS, THE ENVIRONMENTAL CONSULTANT SHALL PREPARE A NOTICE OF LEAD HAZARD EVALUATION WHICH SUMMARIZES THE TYPES AND LOCATIONS OF LEAD-BASED PAINT HAZARDS, BASED ON THE LABORATORY REPORT. THE SUMMARY MUST LIST, AT A MINIMUM, THE BARE SOIL LOCATIONS, LEAD-DUST LOCATIONS, AND/OR BUILDING COMPONENTS (INCLUDING ROOM TYPE OR SPACE AND THE SUBSTRATE UNDERNEATH THE PAINT), AND TYPES OF LEAD-BASED PAINT HAZARDS FOUND.

FOR REMEDIAL WORK IN COMMON AREAS, SUCH AS PLAYGROUND, A NOTICE OF HAZARD REDUCTION (SEE TEMPLATE IN APPENDIX) SHALL BE PROVIDED TO PROJECT MANAGEMENT TEAM BY THE CONTRACTOR AFTER THE COMPLETION OF THE ABATEMENT. IN THE EVENT RRP WORK IS APPROVED BY NYCHA, THE CONTRACTOR SHALL ATTACH THE WORKER CERTIFICATES AND SIGN-IN SHEETS TO THE CLEANING VERIFICATION REPORT IN LIEU OF AN ABATEMENT REPORT VIA EBUILDER. THE CONTRACTOR SHALL POST THESE NOTICES CONSPICUOUSLY IN THE ABATEMENT AREA WITHIN 15 DAYS OF THE COMPLETION OF ABATEMENT/REMEDICATION.

THE CONTRACTOR SHALL PROVIDE NOTICE OF LEAD HAZARD ACTIVITY TO DOH&MH WITHIN 1-3 DAYS BEFORE PROJECT STARTS. IF THE ABATEMENT IS BEING PERFORMED BECAUSE OF A CHILD IDENTIFIED AS HAVING ELEVATED BLOOD LEAD LEVEL (EBLL), FILE A NOTIFICATION OF COMMENCEMENT OF LEAD ABATEMENT WITH DOHMH'S HEALTHY HOMES PROGRAM/LEAD POISONING PREVENTION ONE TO THREE CALENDAR DAYS BEFORE WORK BEGINS.

LEAD TESTING REPORT(S) SHALL BE AVAILABLE ON THE JOB SITE THROUGHOUT THE ABATEMENT AND OR REMEDIATION PROCESS.

CONTRACTOR PERFORMING LEAD-BASED PAINT ABATEMENT OR RENOVATION ACTIVITIES INVOLVING LEAD-BASED PAINT SHALL BE A CERTIFIED LEAD ABATEMENT CONTRACTOR AND SHALL ENSURE THAT SUPERVISORS AND WORKERS ARE TRAINED AND CERTIFIED, BY A USEPA STATE PROGRAM OR EQUIVALENT TO PERFORM LEAD-BASED PAINT REMOVAL OPERATIONS. COPIES OF THE CERTIFICATES AND WORKERS' SIGN-IN SHEETS SHALL BE ATTACHED TO THE CONTRACTOR'S ABATEMENT REPORT.

CONTRACTOR PERFORMING RENOVATION REPAIR AND PAINTING (RRP) ACTIVITIES INVOLVING LEAD-BASED PAINT SHALL BE A CERTIFIED RENOVATOR AND SHALL ENSURE THAT ALL WORKERS ARE TRAINED AND USEPA CERTIFIED AS LEAD ABATEMENT WORKERS. COPIES OF THE CERTIFICATES AND WORKER SIGN-IN SHEETS SHALL BE ATTACHED TO THE CLEANING VERIFICATION REPORT.

1.05 SCOPE OF WORK

ALL LEAD-BASED PAINT IMPACTED COMPONENTS IN EXTERIOR AREAS IMPACTED BY THE SCOPE OF WORK OF THIS CONTRACT SHALL BE ABATED IN ACCORDANCE WITH 24 CFR 35.1120 -- HAZARD REDUCTION. § 35.1120(A).

EXCEPTIONS:

COMPONENTS IN NON-PUBLIC SPACES E.G., ROOF TOPS WILL BE STABILIZED UNDER RRP PROTOCOLS UNLESS OTHERWISE APPROVED BY NYCHA'S DESIGNATED REPRESENTATIVE.

STRUCTURAL COMPONENTS IN EXTERIOR COMMON AREAS, SUCH AS CERTAIN PLAYGROUND EQUIPMENT, WHICH CANNOT BE REMOVED OR FULLY EXPOSED WITHIN THE PROJECT SCOPE OF WORK. SUCH COMPONENTS SHALL BE REMEDIATED IN COMPLIANCE WITH THE EPA RENOVATE, REPAIR & PAINTING (RRP) RULE AND HUD GUIDELINES TO REMOVE ALL LEAD-BASED PAINT FROM ALL ACCESSIBLE COMPONENT SURFACES WITH WRITTEN PRE-APPROVAL FROM NYCHA'S DESIGNATED REPRESENTATIVE.

EMERGENCY PROJECTS: THE CONTRACTOR MAY DEViate FROM THE ABATEMENT REQUIREMENT ON EXTERIOR COMPONENTS WITH WRITTEN PRE-APPROVAL FROM NYCHA'S DESIGNATED REPRESENTATIVE. IN SUCH CASES, WORK IMPACTING ANY LEAD-BASED PAINT COMPONENTS, REGARDLESS OF THE AREA OF DISTURBANCE, SHALL BE PERFORMED UNDER RRP PROTOCOLS. FOLLOWING REMEDIATION, A VISUAL INSPECTION SHALL BE PERFORMED IN THE WORK AREA.

ABATEMENT METHODOLOGIES FOR LEAD-BASED PAINT COMPONENTS WHICH ARE ALSO HISTORIC OR LANDMARK ELEMENTS SHALL BE DETERMINED IN CONSULTATION WITH THE NEW YORK STATE HISTORIC PRESERVATION OFFICE (SHPPPO). ADDITIONALLY, ALL PLANNED ABATEMENTS THAT OCCUR AT, AROUND, OR ASSOCIATED WITH HISTORIC ARTWORK OR ARTIFACTS WILL BE PERFORMED IN CONSULTATION WITH THE NEW YORK STATE HISTORIC PRESERVATION OFFICER (SHPO) AS REQUIRED BY SHPPPO/ THE LAND PRESERVATION TRUST. THE CONTRACTOR SHALL NOT ABATE HISTORIC OR LANDMARK ELEMENTS WITHOUT WRITTEN PRE-APPROVAL FROM NYCHA'S DESIGNATED REPRESENTATIVE.

PROPER CLEAN-UP OF WORK AREA AND ADJACENT SURFACES/AREAS THROUGHOUT THE PROCESS.

FOLLOWING LEAD ABATEMENT ACTIVITIES, A VISUAL INSPECTION SHALL BE PERFORMED BY NYCHA'S DESIGNATED REPRESENTATIVE IN COORDINATION WITH THE ABATEMENT SUPERVISOR TO CONFIRM THAT THE WORK AREA HAS BEEN CLEANED.

THE USEPA CERTIFIED LEAD ABATEMENT CONTRACTOR OR CERTIFIED RENOVATOR MUST PERFORM CLEANING VERIFICATION, AND A THIRD-PARTY CERTIFIED RISK ASSESSOR OR INSPECTOR PROCURED BY NYCHA MUST CONDUCT A VISUAL INSPECTION FOR ALL LEAD ABATEMENT AND RRP EXTERIOR WORK AREAS.

THE USEPA CERTIFIED LEAD ABATEMENT CONTRACTOR OR CERTIFIED RENOVATOR MUST PERFORM CLEANING VERIFICATION. NYCHA WILL PROCURE A THIRD-PARTY CERTIFIED RISK ASSESSOR, OR INSPECTOR MUST CONDUCT A VISUAL INSPECTION FOR ALL RRP REMEDIATION WORK IN EXTERIOR WORK AREAS.

CONTRACTOR SHALL RECYCLE ALL CUT EXTERIOR COMPONENTS (E.G. WINDOW LINTELS AND RAILINGS) AS PER DIVISION 01, SECTION 01 74 19 "CLEANING AND WASTE MANAGEMENT".

WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, THIS WORK SHALL ALSO INCLUDE ALL SUPPLEMENTARY MISCELLANEOUS ITEMS NOT SPECIFIED BUT IMPLIED OR REQUIRED IN ORDER TO COMPLETE THE WORK DESCRIBED BY THE SPECIFICATIONS.

1.06 ENVIRONMENTAL SAMPLING

THE CONTRACTOR SHALL PROVIDE PERSONAL AIR SAMPLING AS REQUIRED BY OSHA. RESULTS OF DAILY SAMPLING AND/OR NEGATIVE EXPOSURE ASSESSMENT SHALL BE SUPPLIED TO NYCHA'S DESIGNATED ONSITE REPRESENTATIVE WITHIN 24 HOURS OF INITIAL COLLECTION.

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF 40 CFR 745, 24 CFR 35 AND THE HUD DOCUMENT, "GUIDELINES FOR THE EVALUATION AND CONTROL OF LEAD-BASED PAINT HAZARDS IN HOUSING (2012 EDITION)", EXCEPT AS SUCH GUIDELINES ARE LATER MODIFIED BY HUD AND ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

THE ABATEMENT CONTRACTOR/CERTIFIED RENOVATOR SHALL ENSURE COORDINATION BETWEEN NYCHA'S DESIGNATED REPRESENTATIVE AND THE DEVELOPMENT STAFF.

1.07 SUBMISSIONS

THE CONTRACTOR SHALL SUBMIT THE FOLLOWING ITEMS PER SECTION 01 33 00 – SUBMISSIONS AND AS DIRECTED BY NYCHA'S DESIGNATED REPRESENTATIVE:

PAINT REMOVER – PEEL-AWAY 7 BY DUMOND CHEMICALS, INC. TELEPHONE 609-655-7700, EMERGENCY- 1-800-457-4280 (INFO TRAC # 79363) OR APPROVED EQUAL– MANUFACTURER'S LITERATURE.

SAFETY DATA SHEETS FOR APPLICABLE PRODUCTS TO BE USED MUST BE SUBMITTED, AND ANOTHER COPY RETAINED ON SITE.

USEPA “LEAD-SAFE CERTIFIED GUIDE TO RENOVATE RIGHT” MUST BE SUBMITTED TO THE RESIDENT AND THE SIGNED FORM MUST BE RETURNED TO THE DEVELOPMENT AND UPLOADED INTO THEIR FILE, AND ANOTHER COPY MUST BE RETAINED ON SITE.

PRIOR TO ABATEMENT OR REMEDIATION, THE CONTRACTOR SHALL SUBMIT TO NYCHA FOR APPROVAL; A LEAD WORK PLAN (LWP). THE LWP SHALL BE BASED ON THE LWP TEMPLATE APPENDED TO THIS SPECIFICATION AND SHALL BE SUBMITTED TO NYCHA VIA NYCHA’S PROJECT MANAGEMENT SOFTWARE. ABATEMENT OR REMEDIATION SHALL NOT PROCEED IN THE ABSENCE OF A NYCHA-APPROVED LWP. THE LWP SHALL INCLUDE:

AN OCCUPANT PROTECTION PLAN IN ACCORDANCE WITH 40 CFR 745.227(E) (5 OCCUPANT PROTECTION PLAN (OPP): (SEE TEMPLATE IN APPENDIX C). A CERTIFIED ABATEMENT SUPERVISOR DEVELOPS A WRITTEN OCCUPANT PROTECTION PLAN BEFORE STARTING ABATEMENT TO PREVENT EXPOSURE TO ANY LEAD-BASED PAINT HAZARDS. IF A VENDOR PERFORMS THE ABATEMENT, THE VENDOR DEVELOPS THE PLAN. SEE APPENDIX C, OCCUPANT PROTECTION PLAN TEMPLATE.

A COPY OF THE VALID EPA ISSUED LEAD RENOVATION/ABATEMENT FIRM CERTIFICATION FOR THE CONTRACTOR AND SUBCONTRACTOR (WHERE APPLICABLE) FOR ABATEMENT. NYCHA DOES NOT ACCEPT INTERIM CERTIFICATIONS.

A COPY OF THE VALID EPA CERTIFICATE/LICENSE FOR THE PROPOSED ABATEMENT SUPERVISOR. NYCHA DOES NOT ACCEPT INTERIM CERTIFICATIONS.

COPIES OF THE EPA CERTIFICATES FOR ALL WORKERS TO BE INVOLVED IN THE ABATEMENT. NYCHA DOES NOT ACCEPT INTERIM CERTIFICATIONS.

A COPY OF THE EPA NOTICE OF ABATEMENT (USING THE EPA NOTIFICATION OF LEAD ABATEMENT ACTIVITY FORM).

A COPY OF THE DOHMH NOTICE OF COMMENCEMENT PER NYC HEALTH CODE, § 173.14(C)(1)(A), IF APPLICABLE

A DESCRIPTION OF REMOVAL METHOD TO BE USED, INCLUDING MANUFACTURER’S OPERATING INSTRUCTIONS AND RECOMMENDATION FOR EQUIPMENT USAGE.

CHEMICAL HAZARD COMMUNICATION PROGRAM AS REQUIRED BY OSHA REGULATIONS 29 CFR 1926.59

FOLLOWING ABATEMENT, THE CONTRACTOR SHALL SUBMIT AN ABATEMENT REPORT TO NYCHA IN ACCORDANCE WITH 40 CFR. § 745.227(E)(10) (SEE APPENDIX B). THE ABATEMENT REPORT SHALL BE PREPARED AND SIGNED BY AN EPA-CERTIFIED ABATEMENT SUPERVISOR OR PROJECT DESIGNER AND SUBMITTED TO NYCHA IN THE EBUILDER. THE ABATEMENT REPORT SHALL INCLUDE:

ABATEMENT STARTS AND COMPLETION DATES.

THE NAME AND ADDRESS OF EACH CERTIFIED FIRM CONDUCTING THE ABATEMENT, AND THE NAME OF EACH SUPERVISOR ASSIGNED TO THE ABATEMENT PROJECT.

A COPY OF THE APPROVED OCCUPANT PROTECTION PLAN.

COPIES OF DATE & TIME STAMPED PHOTOS OF THE POSTED OPP IN THE COMMON AREA DURING ABATEMENT.

THE NAME, ADDRESS, AND SIGNATURE OF EACH USEPA CERTIFIED RISK ASSESSOR OR INSPECTOR CONDUCTING VISUAL INSPECTIONS OR CLEANING VERIFICATION AND THE DATE OF INSPECTION/VERIFICATION.

COPIES OF THE TIME & DATE STAMPED PHOTO-DOCUMENTATION OF THE CLEANING VERIFICATION CARD(S) AND CLOTH(S).

A DETAILED WRITTEN DESCRIPTION OF THE ABATEMENT, INCLUDING ABATEMENT METHODS USED, LOCATIONS OF THE COMPONENTS, WHERE ABATEMENT OCCURRED, REASON FOR SELECTING ABATEMENT METHODS FOR EACH COMPONENT, AND ANY SUGGESTED MONITORING OF ENCAPSULANTS OR ENCLOSURES.

COPIES OF THE DAILY ABATEMENT WORKER SIGN-IN SHEETS FOR EACH DAY OF THE ABATEMENT.

COPIES OF EACH LEAD ABATEMENT WORKER'S CERTIFICATION CARDS. NYCHA DOES NOT ACCEPT INTERIM EPA CERTIFICATIONS.

COPIES OF MANIFESTS AND RECEIPTS ACKNOWLEDGING DISPOSAL OF ALL HAZARDOUS AND NON-HAZARDOUS WASTE MATERIAL FROM THE PROJECT SHOWING DELIVERY DATE, QUANTITY, AND APPROPRIATE SIGNATURE OF LANDFILL'S AUTHORIZED REPRESENTATIVE.

HAZARD COMMUNICATION PROGRAM. THIS MUST BE SUBMITTED VIA EBUILDER.

NAME OF THE FIRM CONDUCTING THE EXPOSURE MONITORING AND THE LABORATORY PROVIDING ANALYTICAL SERVICES. SUCH LABORATORY MUST BE ELAP CERTIFIED BY NYS DEPT. OF HEALTH AND BY U.S. EPA THROUGH ITS NLLAP.

WRITTEN RESPIRATORY PROGRAM. THIS MUST BE SUBMITTED VIA EBUILDER PROCESS.

THE CHAIN-OF-COMMAND AND RESPONSIBILITY AT WORK SITE, INCLUDING THE NAMES OF SUPERVISOR, FOREMAN, AND COMPETENT PERSON, RESUMES AND CERTIFICATES MUST BE ALWAYS AVAILABLE ON SITE.

POWER/MECHANICAL EQUIPMENT. SUBMITTALS MUST BE ACCOMPANIED BY PRODUCT INFORMATION SHEETS (CUT SHEETS), PROOF FROM THE MANUFACTURER THAT WORKERS ASSIGNED TO THE JOB HAVE BEEN TRAINED IN THE EQUIPMENT (IF APPLICABLE) AND PROPOSED USES FOR EQUIPMENT.

FOLLOWING RRP WORK, THE CONTRACTOR SHALL SUBMIT A CLEANING VERIFICATION REPORT TO NYCHA. THE REPORT SHALL BE SUBMITTED TO NYCHA VIA EBUILDER PROCESS AND SHALL INCLUDE:

COPIES OF THE CONTRACTOR'S TIME & DATE STAMPED PHOTO-DOCUMENTATION OF THE NOTICE(S) OF HAZARD REDUCTION POSTED (COMMON AREAS ONLY).

COPIES OF THE TIME & DATE STAMPED PHOTO-DOCUMENTATION OF THE CLEANING VERIFICATION CARD(S) AND CLOTH(S).

COPIES OF ALL WORKER RRP CERTIFICATIONS AND THE CORRESPONDING DAILY SIGN-IN SHEETS FOR EACH DAY OF REMEDIATION

COPIES OF MANIFESTS AND RECEIPTS ACKNOWLEDGING DISPOSAL OR RECYCLING OF ALL HAZARDOUS AND NON-HAZARDOUS WASTE MATERIAL FROM THE PROJECT SHOWING DELIVERY DATE, QUANTITY, AND APPROPRIATE SIGNATURE OF LANDFILL'S OR RECYCLING FACILITY'S AUTHORIZED REPRESENTATIVE.

START AND COMPLETION DATES OF RRP WORK

THE NAME AND ADDRESS OF EACH CERTIFIED FIRM CONDUCTING THE RENOVATION AND THE NAME OF EACH SUPERVISOR ASSIGNED TO THE RRP PROJECT AS PER THE LWP

COPIES OF ALL SOIL ANALYSES AND THE NAME OF EACH RECOGNIZED LABORATORY THAT CONDUCTED THE ANALYSES

COPIES OF DATE & TIME STAMPED PHOTOS OF THE POSTED OPP IN THE COMMON AREA DURING REMEDIATION.

OCCUPANT PROTECTION PLAN (OPP): (SEE TEMPLATE IN APPENDIX C)

A CERTIFIED ABATEMENT SUPERVISOR WILL DEVELOP A WRITTEN OCCUPANT PROTECTION PLAN BEFORE STARTING ABATEMENT TO PREVENT EXPOSURE TO ANY LEAD-BASED PAINT HAZARDS. IF A VENDOR PERFORMS THE ABATEMENT, THE VENDOR DEVELOPS THE PLAN. SEE APPENDIX C, OCCUPANT PROTECTION PLAN TEMPLATE.

AN OCCUPANT PROTECTION PLAN SHALL:

BE SPECIFICALLY TAILORED TO EACH BUILDING.

DESCRIBE THE MEASURES AND MANAGEMENT PROCEDURES THAT WILL BE TAKEN DURING THE ABATEMENT TO PROTECT THE BUILDING OCCUPANTS FROM EXPOSURE TO ANY LEAD-BASED PAINT HAZARDS.

BE POSTED IN COMMON AREAS. DATE & TIME STAMPED PHOTOS OF THE POSTED OPP DURING ABATEMENT SHALL BE SUBMITTED TO NYCHA IN THE ABATEMENT REPORT.

THE DETAILED PLAN SHALL INCLUDE SETTING UP AND SEQUENCING OF ABATEMENT WORK, EMERGENCY PROCEDURES AND ANY OTHER COMPONENTS REQUIRED IN ACCORDANCE WITH 40 CFR 745.227(E)(5)(II). THE OPP SHALL AT A MINIMUM DESCRIBE IN DETAIL THE FOLLOWING:

SAFETY AND HEALTH PROCEDURES TO BE IMPLEMENTED TO PROTECT RESIDENTS AND EMPLOYEES. THE CONTRACTOR SHALL PROVIDE SITE SPECIFIC ENGINEERING CONTROLS AND PROCEDURES AS WELL AS STANDARD COMPANY PROGRAMS (E.G., RESPIRATORY AND FALL PROTECTION PROGRAMS) THAT WILL BE FOLLOWED AND MAINTAINED ON SITE. THE SECTION SHALL ALSO IDENTIFY EMERGENCY CONTACT NUMBERS AND PHONE NUMBERS OF THE NEAREST LOCAL HOSPITAL/EMERGENCY RESPONSE UNIT.

MATERIALS AND EQUIPMENT (PREVIOUSLY APPROVED BY NYCHA) THAT WILL BE USED IN CONJUNCTION WITH ABATEMENT WORK.

WORK SITE PREPARATION/PRE-COMMENCEMENT PROCEDURES. THIS MUST IDENTIFY THE SPECIFIC SEQUENCING OF WORK SITE PREPARATION UP TO THE POINT OF COMMENCING ACTIVE ABATEMENT. THIS SHALL INCLUDE SPECIFICS AS TO SUCH ITEMS AS: REGULATORY NOTIFICATIONS/SIGNAGE; DEMARCATION OF WORK AREA; PREPARATION OF WORK AREA; AND PRE-COMMENCEMENT INSPECTIONS BY NYCHA DESIGNATED REPRESENTATIVE.

METHODOLOGY: DESCRIBE THE SPECIFIC ABATEMENT METHOD(S), SEQUENCE OF ABATEMENT/ RRP WORK, AND GROSS CLEANING ACTIVITIES WITH QUANTITIES AND FILINGS.

FINAL CLEAN-UP: DESCRIBE THE SPECIFIC PROCEDURES AND MATERIALS TO BE USED TO PERFORM FINAL CLEANING AFTER ABATEMENT OR RRP WORK.

WASTE DISPOSAL: PROVIDE SPECIFIC INFORMATION AS TO STORAGE, DISPOSAL AND/OR RECYCLING OF DEBRIS GENERATED DURING ABATEMENT.

IN THE EVENT NYCHA APPROVES THE PERFORMANCE OF RRP WORK, FOLLOWING THE WORK THE CONTRACTOR SHALL SUBMIT A CLEANING VERIFICATION REPORT TO NYCHA INCLUDING ALL PRECEDING ITEMS IN 'D' ABOVE FOR RRP WORK INSTEAD OF ABATEMENT.

1.08. MATERIALS AND EQUIPMENT:

THE FOLLOWING MATERIALS ARE REQUIRED TO COMPLETE THE ABATEMENT/RRP PROJECT AS DESCRIBED IN THE SCOPE OF WORK:

HEPA VACUUM WITH ATTACHMENTS.

FIRE RESISTANT POLYETHYLENE SHEETING: 6-MIL CONFORMING TO ASTM E 154, KC-156, D-24B, D-2103 AND D-4379.

POLYETHYLENE BAGGING: 6 MIL SEALABLE BAGS DESIGNED FOR AND, IF APPLICABLE, LABELED AS CONTAINER FOR HAZARDOUS WASTE.

LEAD-SPECIFIC DETERGENT (MUST NOT CONTAIN TRI-SODIUM PHOSPHATE).

GARDEN SPRAYER OR MISTER.

DUCT TAPE OR ADHESIVE SPRAY CAPABLE OF SEALING JOINTS IN ADJACENT POLYETHYLENE SHEETS AND FOR ATTACHMENT OF POLYETHYLENE SHEET TO FINISH OR UNFINISHED MATERIALS AND CAPABLE OF ADHERING UNDER BOTH DRY AND WET CONDITIONS, INCLUDING USE OF AMENDED WATER.

SIGNAGE AS REQUIRED BY APPLICABLE REGULATION.

TEMPORARY FENCING OR BARRIER TAPE.

EYE WASH STATION.

FIRST AID KIT.

HAND WASH FACILITY.

1.09. REGULATORY COMPLIANCE

HUD GUIDELINES.

ABATEMENT WORK SHALL ALSO BE IN ACCORDANCE WITH APPLICABLE REGULATIONS OF THE ENVIRONMENTAL PROTECTION AGENCY (EPA), OCCUPATIONAL SAFETY & HEALTH AGENCY (OSHA) AND ANY STATE OR LOCAL LBP STANDARDS. WHERE THERE IS A CONFLICT BETWEEN FEDERAL, STATE, STATE OR LOCAL REGULATIONS, THE MORE STRINGENT REQUIREMENT SHALL PREVAIL.

24 CFR PARTS 35,36,37	
GUIDELINES FOR THE EVALUATION AND CONTROL OF LEAD-BASED PAINT IN HOUSING (HUD GUIDELINES JULY 2012)	HUD LEAD-BASED PAINT REGULATIONS
LOCAL LAW 1 OF 2004	NEW YORK CITY LEAD-BASED PAINT REGULATIONS
29 CFR 1910	GENERAL INDUSTRY STANDARD
29 CFR 1910.1025	LEAD STANDARD FOR GENERAL INDUSTRY
29 CFR 1910.134	RESPIRATORY PROTECTION
29 CFR 1910.1200	HAZARD COMMUNICATION
29 CFR 1910.245	SPECIFICATION FOR ACCIDENT PREVENTION
29 CFR 1926	CONSTRUCTION INDUSTRY STANDARDS
29 CFR 1926.62	CONSTRUCTION INDUSTRY LEAD STANDARD
29 CFR 1926.20	GENERAL SAFETY & HEALTH PROVISIONS
29 CFR 1926.21	SAFETY TRAINING & EDUCATION
29 CFR 1926.25	HOUSEKEEPING
29 CFR 1926.28	PERSONAL PROTECTIVE EQUIPMENT
29 CFR 1926.51	WASHING FACILITIES
29 CFR 1926.55	GASES, VAPORS, FUMES, DUSTS & MISTS
29 CFR 1926.59	HAZARD COMMUNICATION STANDARD
29 CFR 1926.62	CONSTRUCTION INDUSTRY LEAD STANDARD
29 CFR 1926.103	RESPIRATORY PROTECTION
40 CFR 61 SUBPART A	GENERAL PROVISIONS
40 CFR 241	GUIDELINES FOR THE LAND DISPOSAL OF SOLID WASTE
40 CFR 257	CRITERIA FOR THE LAND DISPOSAL OF SOLID WASTE
40 CFR 261/262	WASTE DISPOSAL FACILITIES & PRACTICES

40 CFR 745	REQUIREMENT FOR LEAD-BASED PAINT ACTIVITIES IN TARGET HOUSING AND CHILD OCCUPIED FACILITIES
AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI) Z87.1.2020	EYE PROTECTION
ANSI Z88.2-80	PRACTICES FOR RESPIRATORY PROTECTION
AMERICAN SOCIETY FOR TESTING MATERIALS (ASTM)	ALL APPLICABLE STANDARDS
LOCAL LAW 66 OF 2019 (EFFECTIVE DEC 1, 2021)	NEW YORK CITY LEAD-BASED PAINT REGULATIONS (AMENDMENT)

THE CONTRACTOR SHALL ENSURE THAT ANY PROGRAMS, CERTIFICATIONS, LICENSES, OR OTHER DOCUMENTATION IN ACCORDANCE WITH THE ABOVE AND/OR ANY OTHER APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS/GUIDELINES ARE PROVIDED.

THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF THE RESOURCE CONSERVATION & RECOVERY ACT (RCRA) OF 1976 AS AMENDED IN 1980 AND 1984 BY THE HAZARDOUS & SOLID WASTE AMENDMENTS (HSWA).

THESE SPECIFICATIONS REFER TO MANY REQUIREMENTS FOUND IN THE HUD GUIDELINES AND THE PRECEDING REFERENCES, BUT IN NO WAY IS IT INTENDED TO CITE OR REITERATE ALL PROVISIONS THEREIN OR ELSEWHERE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COPY OF, KNOW, UNDERSTAND AND ABIDE BY ALL SUCH REGULATIONS, GUIDELINES AND COMMON PRACTICES.

DECONTAMINATION AREA/WASH STATION AREA.

PROVIDE A CLEAN AREA OUTSIDE THE WORK AREA TO PUT ON RESPIRATORS AND DISPOSABLE SUITS. THIS AREA SHALL AT A MINIMUM CONTAIN A HAND/FACE WASHING FACILITY (WASH AND RINSE); RESPIRATOR WASHING FACILITY (WASH AND RINSE) FOR DECONTAMINATION OF WORKERS/RESPIRATORS UPON LEAVING THE WORK AREA. THIS AREA SHALL BE DIRECTLY ADJACENT TO THE WORK AREA AND BE SEPARATED FROM THE WORK AREA BY THREE FLAP DOORWAYS OR LOW PHYSICAL BARRIERS. THE FLOOR OF THE DECONTAMINATION AREA SHALL BE PROTECTED BY TWO LAYERS OF 6-MIL POLYETHYLENE SHEETING.

I.11. SAFETY AND HEALTH (GENERAL)

WHEN PERFORMING TASKS, CONTRACTOR'S NAME WILL ENSURE THAT THE WORK AREA I.E., THE WALL AND OTHER STRUCTURES OF THE BUILDING'S INTERIOR COMPONENTS WILL BE CORDONED OFF WITH CAUTION / WARNING TAPE AND SIGNS TO PREVENT UNLAWFUL ENTRY. SIGNS WILL CLEARLY STATE "WARNING, LEAD WORK AREA, POISON" AND "NO SMOKING OR EATING" IN ACCORDANCE WITH AND AS DESCRIBED IN 29 CFR 1926.62(M). ALL AREAS WILL BE REGULATED AND SUPERVISED IN ORDER TO ENSURE THAT NO UNAUTHORIZED PERSONS ENTER WITHIN THE DESIGNATED LEAD-SAFE WORK AREAS.

ALL APPLICABLE / NECESSARY SAFETY PRECAUTIONS WILL BE OBSERVED IN THE WORK AREA. THERE WILL BE NO SMOKING AND NO EATING OR DRINKING IN THE WORK AREA. ALL POLYETHYLENE SHEETING WILL BE KEPT AWAY FROM OPEN FLAMES. CAUTION WILL BE EXERCISED WHEN SPRAYING WATER IN THE VICINITY OF ELECTRICAL OUTLETS. TORN POLYETHYLENE SHEETING WILL BE REPAIRED USING DUCT TAPE FOR MINOR TEARS AND TOTAL SHEETING REPLACEMENT FOR MAJOR TEARS.

PRIOR TO ENTERING THE WORK AREA, THE WORKERS SHALL DON TYVEK SUIT, HALF FACE NEGATIVE PRESSURE RESPIRATORS, HEAD/FOOT/EYE PROTECTION, AS WELL AS ANY OTHER PROTECTIVE COVERING MEASURE REQUIRED. THESE WORK PRACTICES SHALL BE IN PLACE UNTIL SUCH TIME THAT C O N T R A C T O R N A M E EXPOSURE ASSESSMENT DICTATES AN INCREASE OR DECREASE IN THE WORK PRACTICES.

PRIOR TO EXISTING WORK AREA, WORKERS WILL REMOVE TYVEK SUIT. THEY WILL UTILIZE HAND/FACE WASH, AND RESPIRATOR RINSE STATION IMMEDIATELY AFTER EXITING WORK AREA.

A COMPETENT PERSON WILL BE ASSIGNED TO THE PROJECT CAPABLE OF SUPERVISING THE WORK AND IDENTIFYING ANY PREDICTABLE HAZARDS, AUTHORIZE TO PROMPT ACTION TO ELIMINATE ANY DANGER BOTH IN THE WORK AREA AND THE AREAS SURROUNDING THE WORK AREA.

OBSERVE SAFETY PRECAUTIONS IN CONTAINED WORK AREAS:

MAKE SURE ALL TOOLS AND OTHER ITEMS, INCLUDING THE EXTERIORS OF WASTE CONTAINERS, ARE KEPT FREE OF DUST AND DEBRIS BEFORE REMOVING THEM FROM THE WORK AREA.

PREVENT UNAUTHORIZED PEOPLE/VISITOR FROM ENTERING THE WORK AREA.

WORK SITE PREPARATION

PRIOR TO COMMENCEMENT OF THE WORK:

RESIDENTS IN THE IMMEDIATE VICINITY WHERE WORK ACTIVITY WILL OCCUR, SHALL BE INFORMED OF THE NATURE OF THE WORK ACTIVITY AND ASKED TO REFRAIN FROM ENTERING THE WORK AREA, TO KEEP ALL WINDOWS WITHIN 20 FEET OF WORKING SURFACES CLOSED DURING WORK HOURS (INCLUDING WINDOWS OF ADJACENT STRUCTURES), AND TO REMOVE ALL BELONGINGS (I.E., POTTED PLANTS) FROM EXTERIOR WINDOWSILLS AND FIRE ESCAPE.

A CLEAN AREA OUTSIDE THE WORK AREA SHALL BE PROVIDED TO PUT ON RESPIRATORS AND DISPOSABLE SUITS. THIS AREA SHALL AT A MINIMUM CONTAIN A HAND/FACE WASHING FACILITY (WASH AND RINSE); RESPIRATOR WASHING FACILITY (WASH AND RINSE) FOR DECONTAMINATION OF WORKERS/RESPIRATORS UPON LEAVING THE WORK AREA. THE FLOOR OF THIS DECONTAMINATION AREA SHALL BE PROTECTED BY TWO LAYERS OF 6-MIL POLYETHYLENE SHEETING.

THE CONTRACTOR SHALL POST A WARNING SIGN AT THE ENTRANCE TO THE WORK AREA (E.G., LOBBY ENTRY, BATHROOM, KITCHEN, ETC.). THE WARNING SIGN SHALL BE AS DESCRIBED IN 29 CFR 1926.62(M). SIGNAGE SHALL BE A MINIMUM OF 12" X 20" AND SHALL STATE THE FOLLOWING:

WARNING

LEAD WORK AREA

POISON

NO SMOKING OR EATING

THE CONTRACTOR SHALL APPLY A SINGLE LAYER OF 6-MIL FIRE RETARDANT POLYETHYLENE SHEETING (SHEETING) TO THE ENTIRE GROUND DIRECTLY ADJACENT TO THE WORK AREA EXTENDING UP TO THE MAIN MEANS OF EGRESS TO THE WORK AREA; SEAL ALL SEAMS WITH DUCT TAPE TO CREATE AN AIRTIGHT BARRIER.

REMOVE ALL OBJECTS TO AT LEAST SIX FEET AWAY FROM THE WORK AREA, IF POSSIBLE. ITEMS THAT CANNOT BE READILY MOVED (E.G., FURNITURE), SHALL BE SEALED WITH A LAYER OF 6 MIL FIRE RETARDANT POLYETHYLENE SHEETING.

LIMIT ACCESS TO WORK AREA. PROVIDE ORANGE CONES, SAWHORSES, TAPE, ETC. TO DEMARCAT AN AREA A MINIMUM OF 20 FEET IN ALL DIRECTIONS BEYOND THE SUBJECT COMPONENT(S).

PLACE A SHEET(S) OF 6 MIL POLYETHYLENE ON THE GROUND, EXTENDING AT LEAST 10 FEET BEYOND ALL AREAS OF THE SUBJECT COMPONENT(S); USE (6 MIL) FIRE RETARDANT POLYETHYLENE SHEETING (SHEETING). THE SHEETING SHALL COVER ALL GROUND COVER WITHIN THE WORK AREA. DO NOT ANCHOR LADDER FEET ON TOP OF PLASTIC (PUNCTURE THE PLASTIC TO ANCHOR THE LADDERS SECURELY TO GROUND).

COVER ENTRANCES TO THE WORK AREA WITH SINGLE-LAYER 6 MIL POLYETHYLENE SHEETS TAPED TO THE TOP AND WEIGHED AT BOTTOM. THESE ENTRANCES SHALL BE OFF LIMITS TO RESIDENTS DURING ABATEMENT/ RRP WORK.

COVER THE FLOOR OF THE WORK AREA WITH ONE LAYER OF SIX-MIL DISPOSABLE POLYETHYLENE SHEETING AND TAPE THE SHEETING DOWN TO PREVENT MOVEMENT. THE FLOOR SHEETING MUST EXTEND SIX FEET IN ALL DIRECTIONS FROM THE WORK AREA WHERE PRACTICAL UNLESS VERTICAL CONTAINMENT IS INSTALLED.

IF VERTICAL CONTAINMENT IS USED, THE FLOOR COVERING MAY STOP AT THE VERTICAL BARRIER, IF IT IS IMPERMEABLE, EXTENDS FROM THE FLOOR TO THE CEILING, AND IS TIGHTLY SEALED AT ALL FLOORS, CEILING, AND WALLS.

WHERE REQUIRED, THE CONTRACTOR SHALL ERECT A CONTAINMENT AREA ENCOMPASSING THE WORK AREA. THE CONTAINMENT SHALL CONSIST OF A RIGID FRAME (E.G., 2X4, PVC PIPE, ZIP WALL, ETC.) SUPPORTING TWO LAYERS OF 6-MIL FIRE RETARDANT POLYETHYLENE SHEETING (SHEETING). SHEETING SHALL EXTEND FROM FLOOR TO CEILING, EXTENDING FROM THE WALL ON THE LEFT SIDE OF THE ENTRANCE DOOR AROUND RIGID CONTAINMENT TO THE WALL ON THE RIGHT SIDE OF ENTRANCE DOOR. SEAL ALL SEAMS WITH DUCT TAPE TO CREATE AN AIRTIGHT BARRIER ON ALL SIDES, FLOOR, AND CEILING. THE CONTAINMENT SHALL BE LARGE ENOUGH TO PROVIDE ADEQUATE ROOM FOR WORKERS AND TOOLS TO PERFORM REQUIRED ACTIVITIES WITHOUT BREACHING THE CONTAINMENT.

COVER THE ENTIRE FLOOR OF THE WORK AREA(S) WITH A SINGLE LAYER OF SHEETING (DISREGARD IF THE FLOOR IS BEING REMOVED DURING THIS PHASE OF WORK). SEAL ALL SEAMS WITH DUCT TAPE TO CREATE AN AIRTIGHT BARRIER.

OBJECTS NOT REMOVED FROM THE WORK AREA SHALL BE COVERED WITH A SINGLE LAYER OF SHEETING SEALED ON ALL EDGES (AIRTIGHT) WITH DUCT TAPE.

THE CONTRACTOR SHALL REQUEST A PRE-COMMENCEMENT VISUAL ASSESSMENT FROM NYCHA'S REPRESENTATIVE. ABATEMENT AND REMEDIATION SHALL BEGIN ONLY AFTER NYCHA'S REPRESENTATIVE HAS APPROVED ALL ASPECTS OF WORK AREA PREPARATION.

AVOID SPREADING DUST AND DEBRIS OUTSIDE THE WORK AREA.

COVER ALL ITEMS WHICH WERE NOT MOVED FROM THE WORK AREA WITH ONE LAYER OF SIX-MIL DISPOSABLE POLYETHYLENE SHEETING. THE SHEETING MUST BE TAPED TOGETHER WITH DUCT TAPE AND TAPED TO THE FLOOR OR BOTTOM OF THE WALLS, TO FORM A CONTINUOUS BARRIER TO THE PENETRATION OF DUST.

PERFORMING WORK:

ABATEMENT

A. REMOVING A COMPONENT

COMPONENTS THAT MAY NEED TO BE REMOVED INCLUDE BUT ARE NOT LIMITED TO:

HANDRAILS, LADDERS, AND PIPES.

WINDOW LINTELS.

EXTERIOR DOORS, FRAMES AND BUCKS'

FIRE ESCAPES.

EXTERIOR WALLS.

LEAD IN SOIL REMEDIATION METHODS

LEAD IMPACTED SOILS BASED ON INVESTIGATIVE TESTING THAT ARE ABOVE 400 PPM BUT LESS THAN 5000 PPM SHALL BE REMEDIATED VIA INTERIM CONTROLS. INTERIM CONTROLS MAY INCLUDE SURFACE COVERINGS SUCH AS: GRASS SEEDING

MULCHING

BARK

GRAVEL

THE CONTRACTOR SHALL SELECT THE MEANS OF INTERIM CONTROLS AS SPECIFIED BY THE HUD GUIDELINES JULY 2012, CHAPTER 11 'INTERIM CONTROLS' AND SUBMIT THE METHOD FOR APPROVAL BY NYCHA IN THE LEAD WORK PLAN SUBMISSION PRIOR TO REMEDIATION.

WHEN THE PROJECT WILL INCLUDE DISTURBANCE OF SOILS TESTED AT OR GREATER THAN 5000 PPM LEAD CONTAMINATED, THE CONTRACTOR SHALL ABATE THE SOIL.

SOIL ABATEMENT METHODS INCLUDE:

SOIL REMOVAL AND REPLACEMENT FOLLOWED BY OFF-SITE OR ON-SITE DISPOSAL; INCLUDING COVERING WITH CLEAN SOIL.

SOIL CULTIVATION (ROTOTILLING).

SOIL TREATMENT (E.G., ORGANIC MATTER, CHEMICAL, PHYTOREMEDIATION) AND REPLACEMENT.

PAVING WITH CONCRETE OR ASPHALT.

THE CONTRACTOR SHALL SELECT THE MEANS OF SOIL ABATEMENT AS SPECIFIED BY THE HUD GUIDELINES JULY 2012, CHAPTER 12 'ABATEMENT' AND SUBMIT THE METHOD FOR APPROVAL BY NYCHA IN THE LEAD WORK PLAN SUBMISSION PRIOR TO REMEDIATION.

WASTE

A. WASTE DISPOSAL REQUIREMENTS

THE CONTRACTOR SHALL CONTACT THE REGIONAL EPA, STATE, LOCAL AND ALL OTHER PERTINENT AUTHORITIES TO DETERMINE LEAD-BASED PAINT DEBRIS DISPOSAL REQUIREMENTS.

THE CONTRACTOR SHALL COMPLY WITH REQUIREMENTS OF THE RESOURCE CONSERVATION AND RECOVERY ACT (RCRA) AND WITH APPLICABLE FEDERAL, STATE, COUNTY, OR LOCAL WASTE REQUIREMENTS.

DO NOT STORE DUST, DEBRIS, OR OTHER WASTE INSIDE THE WORK AREA OVERNIGHT. INSTEAD, TRANSFER THE WASTE TO A SECURE AREA OR CONTAINER THAT PREVENTS RELEASE OF, AND ACCESS TO, DUST AND DEBRIS.

DO NOT DISPOSE OF LIQUID WASTEWATER IN A STORM DRAIN OR ON THE GROUND. INSTEAD, DISPOSE OF ANY LIQUID WASTEWATER IN THE TOILET.

WRAP ANY SOLID WASTE OR COMPONENTS IN HEAVY-DUTY PLASTIC (SIX-MIL POLYETHYLENE OR EQUIVALENT) AND SEAL ALL SEAMS AND DISPOSE OF AS REGULAR HOUSEHOLD OR CONSTRUCTION WASTE.

B. GENERAL WASTE

EPA REGULATIONS PROVIDE THOSE WASTES FROM SINGLE AND MULTIPLE RESIDENCES ARE CONSIDERED HOUSEHOLD WASTE AND ARE NOT REGULATED AS HAZARDOUS UNDER THE FEDERAL RCRA HAZARDOUS WASTE REGULATIONS. HOWEVER, IT NEEDS TO BE CONSIDERED WHETHER MORE THAN 100 KILOGRAMS (220 POUNDS) OF CONCENTRATED LEAD WASTE IS BEING GENERATED IN A SPECIFIC BUILDING WITHIN ONE CALENDAR MONTH IF:

WASTE IS BEING GENERATED ACROSS MULTIPLE UNITS IN A BUILDING IN A SINGLE MONTH; AND

UNITS IN THAT BUILDING HAVE SEVERAL POSITIVE WALLS OR CEILING COMPONENTS; AND CHEMICAL PAINT STRIPPING IS GOING TO BE USED AS THE METHOD OF ABATEMENT.

CONCENTRATED LEAD WASTE INCLUDES PAINT STRIPPING, LEAD PAINT CHIPS AND DUST, AND VACUUM DEBRIS AND FILTERS.

IF MORE THAN 100 KILOGRAMS (220 POUNDS) OF CONCENTRATED LEAD WASTE IS BEING GENERATED, IT MUST BE CONSIDERED WHETHER THE WASTE WILL NEED TO BE TESTED BY AN ANALYTICAL LABORATORY AND CLASSIFIED AS EITHER HAZARDOUS OR NON-HAZARDOUS. ALTERNATIVELY, THIS WASTE CAN BE PRESUMED TO BE HAZARDOUS FOR PURPOSES OF TRANSPORT, STORAGE, AND DISPOSAL. HAZARDOUS WASTE MUST BE TRANSPORTED AND DISPOSED OF ACCORDING TO EPA REQUIREMENTS.

IF LESS THAN 100 KILOGRAMS (220 POUNDS) OF CONCENTRATED LEAD WASTE IS GENERATED IN A BUILDING WITHIN ONE CALENDAR MONTH, IT IS CONSIDERED A VERY SMALL QUANTITY GENERATOR.

C. CONCENTRATED LEAD WASTE (TCLP)

CONCENTRATED LEAD WASTE INCLUDES PAINT STRIPPING, LEAD PAINT CHIPS AND DUST, AND VACUUM DEBRIS AND FILTERS. CONCENTRATED WASTE THAT HAS BEEN GENERATED AND DRUMMED SHALL BE REPRESENTATIVELY SAMPLED THROUGH TCLP. THE CONTRACTOR SHALL HIRE AN INDEPENDENT CONSULTANT AND LABORATORY (ELAP-CERTIFIED BY THE NEW YORK STATE DEPARTMENT OF HEALTH AND BY U.S. EPA THROUGH ITS NATIONAL LEAD LABORATORY ACCREDITATION PROGRAM (NLLAP)) CERTIFIED TO COLLECT AND ANALYZE TCLP SAMPLES. RESULTS OF SUCH SAMPLING SHALL BE SUBMITTED TO NYCHA IN THE EBUILDER.

EPA REGULATIONS PROVIDE THAT WASTE FROM SINGLE AND MULTIPLE RESIDENCES ARE CONSIDERED HOUSEHOLD WASTE AND ARE NOT REGULATED AS HAZARDOUS UNDER THE FEDERAL RCRA HAZARDOUS WASTE REGULATIONS. HOWEVER, IT NEEDS TO BE CONSIDERED WHETHER MORE THAN 100 KILOGRAMS (220 POUNDS) OF CONCENTRATED LEAD WASTE IS BEING GENERATED IN A SPECIFIC BUILDING WITHIN ONE CALENDAR MONTH IF:

WASTE IS BEING GENERATED ACROSS MULTIPLE UNITS IN A BUILDING IN A SINGLE MONTH; AND

UNITS IN THAT BUILDING HAVE SEVERAL POSITIVE WALLS OR CEILING COMPONENTS; AND CHEMICAL PAINT STRIPPING IS TO BE USED AS THE METHOD OF ABATEMENT.

IF MORE THAN 100 KILOGRAMS (220 POUNDS) OF CONCENTRATED LEAD WASTE IS BEING GENERATED, IT MUST BE CONSIDERED WHETHER THE WASTE WILL NEED TO BE TESTED BY AN ANALYTICAL LABORATORY AND CLASSIFIED AS EITHER HAZARDOUS OR NON-HAZARDOUS. ALTERNATIVELY, THIS WASTE CAN BE PRESUMED TO BE HAZARDOUS FOR PURPOSES OF TRANSPORT, STORAGE, AND DISPOSAL. HAZARDOUS WASTE MUST BE TRANSPORTED AND DISPOSED OF ACCORDING TO EPA REQUIREMENTS. ASTM E 1908.

WASTES PRODUCED DURING PAINT REMOVAL MAY BE HIGHLY CONCENTRATED, BUT LOW IN VOLUME. THE TOXIC CHARACTERISTIC LEACHING PROCEDURE (TCLP) TEST SHOULD BE USED TO DETERMINE IF THE WASTE IS HAZARDOUS. SEE HUD GUIDELINES FOR THE EVALUATION AND CONTROL OF LEAD-BASED PAINT HAZARDS IN HOUSING (2012 EDITION), CHAPTER 10, HOUSING WASTE, AND THE EPA REGULATIONS. MANY LOCAL JURISDICTIONS PICK UP SMALL AMOUNTS OF HAZARDOUS WASTE ON CERTAIN DAYS. IF OFF-SITE PAINT REMOVAL IS PERFORMED, THE WASTE IS THE RESPONSIBILITY OF THE FACILITY PERFORMING THE REMOVAL.

IF LESS THAN 100 KILOGRAMS (220 POUNDS) OF CONCENTRATED LEAD WASTE IS GENERATED IN A BUILDING WITHIN ONE CALENDAR MONTH, IT IS CONSIDERED A VERY SMALL QUANTITY GENERATOR.

WASTE MANIFEST FROM THE LANDFILL WILL BE RECEIVED BY THE BUILDING OWNER ON THE FILING WITHIN 45-90 DAYS.

BI-ANNUAL REPORT: BASED ON THE TOXICITY CHARACTERISTIC LEACHING PROCEDURE (TCLP) LEVEL, BI-ANNUAL REPORT MAY BE NEEDED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (DEC) AS PER REGULATIONS (WHERE APPLICABLE).

SAMPLES SHALL BE ANALYZED FOR AND COMPARED TO THE FOLLOWING USEPA STANDARD 40 CFR 261.24.

TOXICITY

LEAD 5.0 PPM.

ARSENIC 5.0 PPM

BARIUM 100.0 PPM

CADMIUM 1.0 PPM

CHROMIUM 5.0 PPM

MERCURY 0.2 PPM

SELENIUM 1.0 PPM

SILVER 5.0 PPM

CORROSIVITY

PH <2 OR >12.5

IGNITABILITY

LIQUIDS THAT HAVE A FLASH POINT LESS THAN 1400 F

REACTIVITY

IN ACCORDANCE WITH 40 CFR 261.23. TYPICALLY WASTES THAT ARE UNSTABLE REACT VIOLENTLY OR FORM EXPLOSIVE MIXTURES WHEN MIXED WITH WATER, GENERATE TOXIC GASES WHEN MIXED WITH WATER, OR ARE CAPABLE OF DETONATION OR EXPLOSIVE REACTION WHEN HEATED OR SUBJECT TO SHOCK.

IF TCLP SAMPLE RESULTS OF WASTE ARE ELEVATED FOR ANY OF THE ABOVE CRITERIA, THEN ALL WASTE REPRESENTED BY THE SAMPLE SHALL BE TRANSPORTED/DISPOSED OF AS HAZARDOUS. IF ALL SAMPLE RESULTS ARE BELOW THE THRESHOLDS FOR THE ABOVE CRITERIA, THEN ALL WASTE REPRESENTED BY THE SAMPLE SHALL BE TRANSPORTED/DISPOSED OF AS REGULAR CONSTRUCTION AND DEMOLITION DEBRIS.

A YSDEC CERTIFIED HAZARDOUS WASTE HAULER MUST TRANSPORT HAZARDOUS WASTE TO A LANDFILL AND /OR RECLAMATION FACILITY CERTIFIED TO RECEIVE AND/OR TREAT HAZARDOUS WASTE. WASTE HAULERS AND TREATMENT/DISPOSAL FACILITIES MUST BE PREVIOUSLY APPROVED BY NYCHA IN THE LEAD WORK PLAN.

D. METAL WASTE COMPONENTS

ALL METAL WASTE GENERATED SHALL BE RECYCLED AS FOLLOWS:

PRIOR TO TRANSPORT TO AN APPROVED TRANSPORT FACILITY, THE CONTRACTOR SHALL QUANTIFY THE MATERIAL TO BE TRANSPORTED. NYCHA'S DESIGNATED REPRESENTATIVE MUST CONCUR WITH THIS QUANTITY PRIOR TO LEAVING THE SITE.

PRIOR TO MATERIAL REMOVAL THE APPROVED TRANSPORTER SHALL GENERATE A BILL OF LADING IDENTIFYING THE MATERIAL BEING TRANSFERRED FROM NYCHA PROPERTY TO THE RECYCLING FACILITY. NYCHA'S DESIGNATED REPRESENTATIVE SHALL CONCUR WITH THE QUANTITIES AND BE PROVIDED WITH A COPY OF THE BILL OF LADING PRIOR TO REMOVING FROM THE SITE.

AT COMPLETION OF ALL TASKS REQUIRING RECYCLING OF METALS POTENTIALLY CONTAINING LEAD-BASED PAINT THE CONTRACTOR SHALL PROVIDE NYCHA WITH A TOTAL QUANTITY OF MATERIAL AND OVERALL WEIGHT OF MATERIAL RECYCLED AND SHALL BE FORWARDED TO THE ADMINISTERING DEPARTMENT.

NYCHA'S DESIGNATED REPRESENTATIVE AS IDENTIFIED BY THE ADMINISTERING DEPARTMENT, SHALL GENERATE AN EXEMPTION CERTIFICATE IDENTIFYING ALL MATERIAL AND QUANTITIES RECYCLED. THIS EXEMPTION CERTIFICATE AND COPIES OF ALL BILLS OF LADING SHALL BE SUBMITTED TO THE ADDRESS LOCATED ON THE EXEMPTION CERTIFICATE; A COPY SHALL BE UPLOADED TO THE PROJECT FOLDER.

E. SOLID DEBRIS (OTHER THAN METALS)

ALL SOLID DEBRIS (OTHER THAN METALS) GENERATED SHALL BE DISPOSED OF AS FOLLOWS:

ALL MATERIALS SHALL BE TRANSPORTED AND DISPOSED OF AT A LANDFILL LICENSED TO ACCEPT CONSTRUCTION AND DEMOLITION (C&D) DEBRIS. AT NO TIME SHALL THIS WASTE BE DISPOSED OF IN A MUNICIPAL LANDFILL.

PRIOR TO TRANSPORT, THE CONTRACTOR SHALL QUANTIFY THE MATERIAL TO BE TRANSPORTED. NYCHA'S DESIGNATED REPRESENTATIVE MUST CONCUR WITH THIS QUANTITY PRIOR TO LEAVING THE SITE.

PRIOR TO MATERIAL REMOVAL THE APPROVED TRANSPORTER SHALL GENERATE A BILL OF LADING IDENTIFYING THE MATERIAL BEING TRANSFERRED FROM NYCHA PROPERTY TO THE C&D LANDFILL. NYCHA'S DESIGNATED REPRESENTATIVE SHALL CONCUR WITH THE QUANTITIES AND BE PROVIDED WITH A COPY OF THE BILL OF LADING PRIOR TO REMOVING FROM THE SITE.

1.15. LEAD ABATEMENT METHODS:

THE FOLLOWING PROCEDURES MUST BE FOLLOWED WHEN MORE THAN TWO SQUARE FEET OF COMPONENTS/SURFACES (PER WORK AREA), THAT CONTAIN OR ARE ASSUMED TO CONTAIN LEAD ABOVE THE CURRENT REGULATORY THRESHOLD, ARE IMPACTED DURING THE COURSE OF EXTERIOR MODERNIZATION.

ABATEMENT SHALL BE PERFORMED USING: - PAINT REMOVAL AND/OR BUILDING COMPONENT REPLACEMENT. THE DESIGNATED WORK AREA ON ANY GIVEN DAY MAY INCLUDE A COMBINATION OF BOTH METHODS.

OPTION 1: PAINT REMOVAL

PROHIBITED PAINT REMOVAL PRACTICES.

OPEN FLAME BURNING OR TORCHING OF PAINTED SURFACES.

USE OF MACHINES THAT REMOVE PAINT OR OTHER SURFACE COATINGS THROUGH HIGH-SPEED OPERATION, SUCH AS MACHINE SANDING OR GRINDING OR ABRASIVE BLASTING OR SANDBLASTING, UNLESS THEY HAVE SHROUDS OR CONTAINMENT SYSTEMS AND ARE EQUIPPED WITH A HEPA VACUUM ATTACHMENT.

OPERATING A HEAT GUN ABOVE 1100 DEGREES FAHRENHEIT ON PAINTED SURFACES OR CHARRING THE PAINT.

CHEMICAL PAINT STRIPPING USING A VOLATILE STRIPPER (FOR EXAMPLE, METHYLENE CHLORIDE) IN POORLY VENTILATED SPACE.

DRY SANDING OR SCRAPING, EXCEPT WITHIN ONE (1) FOOT OF ELECTRICAL FIXTURES (E.G., SWITCHES, OUTLETS, LIGHT FIXTURES, BREAKER BOXES).

II. IN PREPARATION FOR REPAINTING, CONTRACTOR WILL UTILIZE THE FOLLOWING (FEDERAL, STATE AND LOCAL REGULATIONS) APPROVED METHODOLOGY/TECHNIQUE TO REMOVE OF LEAD-BASED PAINT FROM THE COMPONENTS OR OTHER METHODOLOGIES / TECHNIQUES APPROVED BY NYCHA.

MANUAL WET SCRAPING

CHEMICAL STRIPPERS

SELF-CONTAINED MECHANICAL SYSTEMS (MANUFACTURED WITH OR ATTACHED TO HEPA FILTRATION) SUCH AS HEPA SANDERS OR HEPA NEEDLE GUNS.

MANUAL WET SCRAPING

WET SCRAPING OF THE LOOSE PEELING PAINTS AND PRIME AND / OR THE COMPONENTS REMOVED SHALL COMMENCE USING APPROVED METHODS AS DETAILED HEREIN.

CONTRACTOR NAME SHALL REMOVE ALL ACCUMULATIONS OF GROSS DEBRIS (I.E. PAINT CHIPS, MASONRY ETC.) FROM ALL SURFACES WITHIN THE WORK AREA. THE LEAD-BASED PAINT DEBRIS SHALL BE SCRAPED INTO THE 6-MIL. BAG. THE 6-MIL. FIRE RETARDANT POLYETHYLENE SHEETING BAG(S) DIRECTLY UNDERNEATH THE COMPONENT SHALL BE REMOVED FROM WORK AREA WITH MINIMAL DISTURBANCE TO OTHER ENGINEERING CONTROLS IN PLACE. THE 6-MIL. FIRE RETARDANT POLYETHYLENE SHEETING BAG(S) SHALL BE CLOSED WITH AN AIRTIGHT GOOSENECK SEAL (I.E. TWIST THE BAG, FOLD IT OVER ONTO ITSELF, AND WRAP WITH DUCT TAPE AND / OR PLASTIC TIE).

PLACE AND SEAL ALL PAINT CHIPS IN DRUMS. DRUMS SHALL BE PLACARDED WITH USEPA ID NUMBER AND PROPER HAZARDOUS WASTE LABELING. DATE OF INITIAL RECEIPT OF MATERIAL SHALL BE IDENTIFIED ON HAZARDOUS WASTE LABEL.

DRUMS SHALL BE STORED IN LOCKED STORAGE CONTAINERS LOCATED WITHIN THE PROJECTS SECURES STAGING AREA, UNTIL THE DRUMS ARE TESTED (TCPL) AND PICKED UP FOR DISPOSAL BY A NYSDEC LICENSED WASTE TRANSPORTER AND TRANSFERRED TO AN EPA APPROVED LICENSED DISPOSAL FACILITY.

ALL PAINT CHIPS, AND WASTE SLUDGE/LIQUIDS SHALL BE PLACED AND SEALED IN DRUMS. DRUMS SHALL BE PLACARDED WITH THE PROPER HAZARDOUS WASTE LABELING. DATE OF INITIAL RECEIPT OF MATERIAL SHALL BE IDENTIFIED ON HAZARDOUS WASTE LABEL AND MUST NOT BE STORED FOR MORE THAN 90 DAYS ON SITE.

AS IDENTIFIED ABOVE CONTRACTOR SHALL PROVIDE MORE DETAILED PROCEDURES IN THE OPP. THIS SHALL IDENTIFY SPECIFIC PRODUCTS, JOB SEQUENCING, SAFETY GUIDELINES, SPECIALIZED CLEANING/NEUTRALIZING PROCEDURES, ETC. IN THE LWP SUBMISSION TO NYCHA FOR APPROVAL AND/OR COMMENT PRIOR TO PERFORMING PAINT REMOVAL ACTIVITIES.

OPTION 2: COMPONENT REMOVAL

ANY COMPONENT THAT REQUIRES DISASSEMBLING BY TORCH BURNING IN ORDER TO BE REMOVED SHALL FIRST BE STRIPPED OF LEAD-BASED PAINT AROUND THE AREA TO BE CUT OR UNFASTENED. STRIPPING SHALL BE AT LEAST ONE (1) FOOT ON EITHER SIDE OF THE CUT OR JOINT FOR A TOTAL STRIPED LENGTH OF 2 FEET.

ANY METAL COMPONENT THAT REQUIRES DISASSEMBLING BY BEING MECHANICALLY CUT MUST BE FIRST WRAPPED IN DUCT TAPE. SURFACE SHALL BE CUT IN THE MOST EXPEDITIOUS MANNER POSSIBLE, WHILE ALWAYS BEING WET MISTED.

WITH A FINE SPRAY OF WATER, LIGHTLY SPRAY THE SURFACES THAT WILL BE DISTURBED TO LIMIT THE CREATION AND DISPERSAL OF DUST, ALSO LIGHTLY MISSED THE PLASTIC SHEETING IN THE WORK AREA. PERIODICALLY REWET THE AREA WHILE WORKING.

REMOVAL OF THE COMPONENT. THE WORK AREA SHOULD BE MISTED DURING THIS PROCESS TO MINIMIZE AIRBORNE DUST. A MAJOR EFFORT SHALL BE UNDERTAKEN TO ENSURE THAT THE DUST GENERATED IN THE REMOVAL PROCESS IS CONFINED WITHIN THE WORK ZONE.

IMMEDIATELY REPAIR TORN SHEETING DAMAGED DURING REMOVAL, INCLUDING BUT NOT LIMITED TO WINDOW COVERINGS AND GROUND COVER. USING DUCT TAPE FOR MINOR TEARS; TOTAL SHEET REPLACEMENT MAY BE NECESSARY FOR MAJOR TEARS.

THE COMPONENT SHALL BE WRAPPED IN 6 MIL FIRE RETARDANT POLYETHYLENE SHEETING AND SEALED WITH DUCT TAPE.

IMMEDIATELY REPAIR TORN SHEETING DAMAGED DURING REMOVAL, INCLUDING BUT NOT LIMITED TO WINDOW COVERINGS AND GROUND COVER. USING DUCT TAPE FOR MINOR TEARS; TOTAL SHEET REPLACEMENT MAY BE NECESSARY FOR MAJOR TEARS.

CONTRACTORS SHALL REMOVE ALL ACCUMULATIONS OF GROSS DEBRIS (I.E., PAINT CHIPS, MASONRY ETC.), FROM ALL SURFACES WITHIN THE WORK AREA.

ALL PAINT CHIPS, AND WASTE SLUDGE/LIQUIDS SHALL BE PLACED AND SEALED IN DRUMS. DRUMS SHALL BE PLACARDED WITH THE PROPER HAZARDOUS WASTE LABELING. DATE OF INITIAL RECEIPT OF MATERIAL SHALL BE IDENTIFIED ON HAZARDOUS WASTE LABEL.

THE CONTRACTOR SHALL PROVIDE MORE DETAILED PROCEDURES IN THE OPP. THIS SHALL IDENTIFY ANY SPECIFIC PRODUCTS/TOOLS, JOB SEQUENCING, SAFETY GUIDELINES, SPECIALIZED CLEANING PROCEDURES, ETC., TO NYCHA FOR APPROVAL AND/OR COMMENT PRIOR TO PERFORMING COMPONENT REMOVAL ACTIVITIES.

1.17. FINAL CLEAN-UP

UPON COMPLETION OF GROSS CLEAN-UP, THE CONTRACTOR SHALL THOROUGHLY CLEAN THE WORK AREA(S) IN THE FOLLOWING MANNER. THE CONTRACTOR SHALL ENSURE:
NO DRY SWEEPING OF DUST OR DEBRIS.

ABATEMENT/RRP WORKERS DON NEW COVERALLS PRIOR TO PERFORMING CLEAN-UP ACTIVITIES.

ALL OBJECTS TOO LARGE FOR A VACUUM CLEANER ARE PICKED UP AND WRAPPED IN TWO LAYERS OF SIX-MIL POLYETHYLENE AND PLACED IN A BAG IF POSSIBLE. AVOID PUNCTURING BAGS WITH POINTED OR JAGGED PIECES OF DEBRIS. PROPERLY WRAP ALL CONTAMINATED OBJECTS BEFORE REMOVING THEM FROM THE WORK AREA.

ALL SURFACES AROUND WORK AREA THAT MIGHT ACCUMULATE DUST ARE HEPA VACUUMED.

THE ENTIRE WORK AREA IS VACUUMED; EXCEPT FOR THE FLOOR, STARTING AT THE HIGHEST AND FURTHEST POINT FROM THE ENTRANCE WORKING IN A DOWNWARD AND FORWARD MOTION. USE A VACUUM EQUIPPED WITH A HIGH EFFICIENCY PARTICULATE AIR FILTER (HEPA VAC).

VACUUMING IS PERFORMED AT A MODERATE SPEED.

UPON COMPLETION OF CLEANING WALLS, ETC. BEGIN TO VACUUM FLOORS, STARTING AT THE FAR END OF THE WORK AREA, WORKING TOWARD THE ENTRANCE. AVOID STEPPING ON ALREADY VACUUMED AREAS.

WET CLEAN-UP BEGINS AT THE HIGHEST POINT AND PROCEEDS AS FOLLOWS:

PREPARE CLEANING SOLUTION (TWO BUCKET/THREE BUCKET METHOD).

FILL A BUCKET (BUCKET #1) WITH A MIXTURE OF WATER AND THE LEAD SPECIFIC CLEANING SOLUTION, AND LABEL IT AS 'CLEANING SOLUTION'.

FILL ANOTHER BUCKET (BUCKET #2) WITH CLEAN COLD WATER, AND LABEL IT AS 'CLEAN RINSE'; PLACE IT WITH THE BUCKET LABELED CLEANING SOLUTION.

USING THE TWO-BUCKET METHOD, USE TWO RAGS DESIGNATING ONE AS THE SOLUTION RAG (RAG #1) AND THE OTHER AS THE RINSE RAG (RAG #2).

ALWAYS, START WITH THE HIGHEST HORIZONTAL SURFACE AND WORK DOWN. CLEAN ENTIRE WORK AREA (EVERY INCH OF THE WINDOWSILLS, WINDOW TROUGHS, 6 MIL POLYETHYLENE BARRIERS AND OTHER SURFACES WHERE DUST CAN ACCUMULATE). WHEN PRACTICAL, CLEAN DIRTY AREAS LAST TO AVOID SPREADING DUST.

DIP RAG #1 INTO BUCKET #1, WRING THE EXCESS SOLUTION INTO THE SAME BUCKET AND BEGIN TO WIPE. CONTINUE WIPING UNTIL THE RAG IS DRY.

DIP RAG #2 INTO BUCKET #2 AND WIPE ONLY THE AREA YOU JUST CLEANED WITH RAG #1.

REPEAT STEPS A THROUGH C UNTIL DESIGNATED AREAS ARE COMPLETELY WIPED.

PERIODICALLY CHANGE THE WATER IN BUCKET #2 (CLEAN RINSE).

REMOVE 6 MIL POLYETHYLENE BARRIERS FROM THE WORK AREA AND ANY AREAS HORIZONTALLY ADJACENT TO WORK AREA(S) AND PLACE IN 6 MIL POLYETHYLENE BAGS.

PERFORM A FINAL HEPA VACUUM ALL SURFACES AROUND WORK AREA THAT MIGHT ACCUMULATE DUST.

REPEAT THE STEPS IDENTIFIED ABOVE. THIS PRACTICE SHALL CONTINUE IN A DOWNWARD MOTION TO THE LOWEST POINT OF THE WORK AREA.

REMOVE ANY GROSS MATERIAL FROM 6 MIL POLYETHYLENE SHEETING AND PLACE IN 6 MIL POLYETHYLENE BAGS.

WITH A SPRAY BOTTLE, MOISTEN THE 6-MIL POLYETHYLENE SHEETING USED AS GROUND COVER AND FOLD IT INWARD UPON ITSELF, THEREBY TRAPPING ANY RESIDUAL DUST. PLACE THE 6-MIL POLYETHYLENE SHEETING INTO 6 MIL POLYETHYLENE BAGS. CLOSE ALL BAGS WITH AN AIRTIGHT GOOSENECK SEAL (E.G., TWIST THE BAG, FOLD IT OVER ON ITSELF, AND WRAP WITH DUCT TAPE AND/OR PLASTIC TIE).

THE CONTRACTOR SHALL VISUALLY INSPECT AND REMOVE ANY ACCUMULATIONS OF DEBRIS, PAINT CHIPS ETC., FROM THE DRIP LINE OF THE BUILDING AND WHERE ANY BREACHES IN GROUND COVER OCCURRED DURING ABATEMENT.

NO MATERIALS USED FOR CLEANUP SHALL BE DISPOSED OF IN THE RESIDENTIAL TRASH CONTAINERS. ALL DEBRIS SHALL BE REMOVED FROM THE BUILDING AREA. THE CONTRACTOR SHALL LEGALLY DISPOSE OF WASTE IN HIS OWN REFUSE CONTAINERS IN ACCORDANCE WITH FEDERAL, STATE, AND CITY REGULATIONS.

REMOVE BAGS OF PLASTIC MATERIAL FROM AREA OR SITE AND PLACE IN LOCKABLE RECEPTACLE DESIGNATED FOR THIS PROJECT (E.G. ROLL-OFF DUMPSTER).

IF ABATEMENT/RRP WORK IS NOT COMPLETED AT THE END OF A WORK SHIFT AND MUST CONTINUE THE FOLLOWING DAY, BAG DEBRIS AND STORE BAGGED OR WRAPPED OBJECTS IN A SECURE AREA. DO NOT STORE DUST, DEBRIS, AND OTHER WASTE INSIDE THE WORK AREA OVERNIGHT. INSTEAD, TRANSFER THE WASTE TO A LOCKED SECURE AREA OR CONTAINER THAT PREVENTS THE RELEASE OF, AND ACCESS TO, DUST AND DEBRIS. USE THE HEPA VACUUM TO VACUUM THE PROTECTIVE SHEETING.

1.18. CLEANING OF TOOLS:

THE CONTRACTOR SHALL:

THOROUGHLY WET WIPE AND CLEAN TOOLS. CONVERSELY THE CONTRACTOR MAY REMOVE GROSS MATERIAL AND SEAL TOOLS IN A BAG TO BE TRANSPORTED IMMEDIATELY TO NEXT WORK AREA.

REMOVE POLYETHYLENE SHEETING.

REMOVE SHEETING FROM THE VENTS, WINDOWS, PIPE OPENINGS AND ANY OTHER PROTRUSIONS.

WITH A SPRAY BOTTLE, MOISTEN THE SHEETING COVERING THE FLOOR. FOLD FLOOR SHEETING IN UPON ITSELF TO CAPTURE ANY REMAINING DUST.

AFTER USING IT, PLACE THE PLASTIC SHEETING INTO BAGS. CLOSE ALL BAGS WITH AN AIRTIGHT GOOSENECK SEAL (E.G., TWIST THE BAG, FOLD IT OVER ON ITSELF, AND WRAP WITH DUCT TAPE AND/OR PLASTIC TIE).

VACUUM ALL HORIZONTAL SURFACES, INCLUDING WINDOW TROUGHS, WITHIN AT LEAST SIX (6) FEET IN ALL DIRECTIONS OF ALL DISTURBED PAINTED SURFACES. CLEANING BEYOND THE SIX (6) FEET PERIMETER IS RECOMMENDED AS A SAFETY PRECAUTION IF DUST GENERATED BY THE WORK MAY HAVE SPREAD BEYOND SIX (6) FEET.

USE A HEPA VACUUM TO VACUUM DUST AND DEBRIS IN THE WORK AREA. NEVER DRY SWEEP DUST OR DEBRIS.

FIRST VACUUM EVERY INCH OF ALL HORIZONTAL SURFACES EXCEPT FLOORS.

THEN VACUUM FLOORS STARTING AT THE FAR END OF THE ROOM, WORKING TOWARD THE ENTRANCE.

IF WORK WAS PERFORMED IN A KITCHEN, VACUUM UNDERNEATH THE RANGE AND THE CONDENSER AND FAN AREA UNDERNEATH THE REFRIGERATOR.

AVOID STEPPING ON ALREADY VACUUMED FLOORS WHEN MOVING TO A NEW SECTION.

1.19. PERSONAL CLEAN-UP.

HOUSEKEEPING AND PERSONAL HYGIENE - LEAD IS A CUMULATIVE AND PERSISTENT TOXIC SUBSTANCE THAT POSES A SERIOUS HEALTH RISK. THE CONTRACTOR SHALL MAINTAIN A RIGOROUS HOUSEKEEPING PROGRAM AND ENSURE THAT THE BASIC PERSONAL HYGIENE PRACTICES ARE OBSERVED TO MINIMIZE EMPLOYEE EXPOSURE TO LEAD AND PREVENT WORKERS FROM TAKING LEAD CONTAMINATED DUST OUT OF THE WORKSITE AND INTO THEIR HOMES WHERE IT CAN EXTEND THE WORKERS' EXPOSURES AND POTENTIALLY AFFECT THEIR FAMILIES' HEALTH.

TO REDUCE THE SPREAD OF DUST BEYOND THE WORK AREA, BEFORE EXITING THE WORK AREA, THE CONTRACTOR SHALL REMOVE DUST AND DEBRIS FROM THEMSELVES AND THEIR CLOTHING IN THE CLEAN/DECONTAMINATION AREA.

1.20. VISUAL ASSESSMENT

NYCHA'S REPRESENTATIVE WILL PERFORM A VISUAL ASSESSMENT OF THE WORK AREA FOLLOWING REMOVAL OF DEBRIS/FINAL CLEANING. THE AREA WILL BE DEEMED VISUALLY CLEARED WHEN NYCHA'S REPRESENTATIVE FINDS THE WORK AREA(S) CLEAR OF VISUAL ACCUMULATIONS OF DUST, DEBRIS, PAINT CHIPS, ETC. THE CONTRACTOR SHALL RE-CLEAN ALL AREAS IDENTIFIED BY NYCHA'S REPRESENTATIVE UNTIL THEY ARE DEEMED VISUALLY CLEAN AT NO EXTRA COST TO NYCHA.

EACH CALENDAR YEAR AND AT UNIT TURNOVER, NYCHA SHALL PERFORM VISUAL ASSESSMENTS IN LEAD PAINT DEVELOPMENTS IN ACCORDANCE WITH 24 CFR. § 35.1355(A)(2).

WITHIN ONE YEAR OF THE EXECUTION OF THIS AGREEMENT, NYCHA SHALL CONTROL DETERIORATED LEAD-BASED PAINT IDENTIFIED BY VISUAL ASSESSMENTS IN COMPLIANCE WITH 24 CFR. § 35.1120(B)(1) AND (2); EXCEPT THAT FOR A VISUAL ASSESSMENT PERFORMED OUTSIDE A UNIT THAT HAS NOT HAD A PREVIOUS COMPLIANT VISUAL ASSESSMENT WITHIN THE PRECEDING TWELVE MONTHS, ALL CORRECTIONS OF LEAD-BASED PAINT HAZARDS SHALL BE MADE WITHIN THIRTY DAYS OF THE VISUAL ASSESSMENT.

1.21. VISUAL INSPECTION

FOLLOWING FINAL CLEANUP OF EACH WORK AREA THE CONTRACTOR SHALL REQUEST THAT NYCHA'S THIRD PARTY CERTIFIED RISK ASSESSOR/ INSPECTOR TO PERFORM A VISUAL INSPECTION.

THE THIRD-PARTY RISK ASSESSOR/INSPECTOR SHALL CONFIRM JOB COMPLETENESS BY DETERMINING WHETHER ALL WORK, AS SPECIFIED, HAS BEEN COMPLETED. RISK ASSESSOR/ INSPECTOR WILL DETERMINE IF THE WORK AREA HAS BEEN ADEQUATELY CLEANED BY EXAMINING ALL SURFACES FOR DUST AND DEBRIS. IF DUST/DEBRIS IS FOUND, THE WORK AREA SHALL BE RECLEANED UNTIL ACCEPTABLE TO THE CERTIFIED RISK ASSESSOR

ATTRIBUTES	HEPA - VACUUM NEEDLE GUN	HEAT GUN	HEPA VACUUM BLAST	HEPA SAND	CAUSTIC PASTE	OFFSITE STRIPPING	REMOVE AND REPLACE
WORKER SKILL LEVEL/TRAINING	HIGH	MODERATE	HIGH	MODERATE	MODERATE	MODERATE	HIGH
EFFECT ON	MAY ERODE	MAY GOUGE	MAY ERODE	MAY GOUGE	MAY GOUGE OR	MAY GOUGE OR CHANGE	NONE

SUBSTRATE	SURFACE	SURFACE	SURFACE	/ROUGHEN	CHANGE COLOR OF SURFACE	COLOR OF SURFACE	
APPLICABILITY	METAL AND MASONRY	OPERATION AT OVER 1100°F IS PROHIBITED	METAL AND MASONRY	LIMITED BY SURFACE CONTOUR	CAN DAMAGE SOME COMPONENTS	COMPONENT THAT CANNOT BE STRIPPED ONSITE	ALL COMPONENTS EXCEPT

ATTACHMENTS

APPENDIX A: NOTICE OF HAZARD REDUCTION FORM

APPENDIX B: LEAD ABATEMENT REPORT FORM

APPENDIX C: OCCUPANT PROTECTION PLAN FORM

APPENDIX D: NOTICE OF COMMENCEMENT FORM.

NEW YORK CITY

373.01 HOUSING

AUTHORITY

CURRENT TENANT STREET ADDRESS CITY, STATE, ZIP

DEAR TENANT(S),

376.01 NEW YORK CITY HOUSING AUTHORITY
49TH AVENUE • LONG ISLAND CITY, NY 11101
TEL: (212) 306-3000 • [HTTP://NYC.GOV/NYCHA](http://nyc.gov/nycha)

NOTICE OF HAZARD REDUCTION ACTIVITY

DATE:

DEVELOPMENT:

ACCOUNT #:

WORK ORDER #:

RENOVATION, REPAIR AND PAINT WORK

PAINT STABILIZATION (VISUAL OR XRF)

ABATEMENT

THIS NOTICE OF HAZARD REDUCTION ACTIVITY IS BEING ISSUED TO YOUR ATTENTION AS PER THE REQUIREMENTS OF

24 CFR 35.125. THE NEW YORK CITY HOUSING AUTHORITY (NYCHA) HAS CONDUCTED WORK IN YOUR UNIT THAT

DISTURBED LEAD-BASED PAINT OR PRESUMED LEAD-BASED PAINT ON ???CLEARANCE DATE??? IN THE LOCATIONS BELOW:

LOCATION		CLEARANCE TEST RESULTS	
LOCATION	COMPONENT	SUBSTRATE	

IF YOU HAVE ANY QUESTIONS ABOUT THIS NOTICE, PLEASE VISIT YOUR PROPERTY MANAGEMENT OFFICE AT

???MANAGEMENT OFFICE ADDRESS???. YOU MAY ALSO CONTACT THE PROPERTY MANAGER ???CURRENT PROPERTY MANAGER NAME??? OR YOUR HOUSING ASSISTANT, AT ???PM PHONE #???.

PLEASE REPORT DETERIORATED LEAD PAINT OR FAILURE OF ENCAPSULATION OR ENCLOSURE ON ANY OF THE COMPONENTS MENTIONED ABOVE TO THE CUSTOMER CONTACT CENTER AT 718-707-7771.

A TRANSLATION OF THIS DOCUMENT IS AVAILABLE IN YOUR MANAGEMENT OFFICE.

LA TRADUCCIÓN DE ESTE DOCUMENTO ESTÁ DISPONIBLE EN LA OFICINA DE ADMINISTRACIÓN DE SU RESIDENCIAL.

ПЕРЕВОД ЭТОГО ДОКУМЕНТА НАХОДИТСЯ В ВАШЕМ ДОМОУПРАВЛЕНИИ.

所居公房管理處備有文件譯本可供索取。

所居公房管理处备有文件译本可供索取。

THE TRANSLATION IS PROVIDED TO YOU AS A CONVENIENCE TO ASSIST YOU TO UNDERSTAND YOUR RIGHTS AND OBLIGATIONS.

THE ENGLISH LANGUAGE VERSION OF THIS DOCUMENT IS THE OFFICIAL, LEGAL, CONTROLLING DOCUMENT.

NEW YORK CITY HOUSING AUTHORITY

NYCHA LEAD ABATEMENT REPORT

AS THE CERTIFIED SUPERVISOR OR PROJECT DESIGNER, CAREFULLY COMPLETE ALL SECTIONS OF THIS REPORT.

LOCATION OF THE ABATEMENT
DEVELOPMENT NAME

ADDRESS	CITY	STATE	ZIP
VACANT UNIT OCCUPIED UNIT	LOCATION NUMBER	ABATEMENT WORK ORDER #	

CERTIFIED FIRM CONDUCTING THE ABATEMENT

FIRM NAME	ADDRESS	SUPERVISOR NAME

LOG OF EACH LEAD ABATEMENT WORKER:

CERTIFICATION	EMPLOYED BY	LEAD ABATEMENT WORKER NAME	LICENSE NUMBER	DATE OF LICENSE EXPIRATION
CERTIFIED SUPERVISOR	VENDOR NYCHA			
LEAD ABATEMENT WORKER	VENDOR NYCHA			
LEAD ABATEMENT WORKER	VENDOR NYCHA			
LEAD ABATEMENT WORKER	VENDOR NYCHA			
LEAD ABATEMENT WORKER	VENDOR NYCHA			
LEAD ABATEMENT WORKER	VENDOR NYCHA			

LOG OF EACH LEAD ABATEMENT WORKER:

CERTIFICATION	EMPLOYED BY	LEAD	LICENSE NUMBER	DATE OF LICENSE EXPIRATION
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		ABATEMENT WORKER NAME		
LEAD ABATEMENT WORKER	VENDOR NYCHA			
LEAD ABATEMENT WORKER	VENDOR NYCHA			
LEAD ABATEMENT WORKER	VENDOR NYCHA			
LEAD ABATEMENT WORKER	VENDOR NYCHA			
LEAD ABATEMENT WORKER	VENDOR NYCHA			
LEAD ABATEMENT WORKER	VENDOR NYCHA			

LOG OF LABORATORY AND CLEARANCE TESTING RESULTS:

DATE OF CLEARANCE SAMPLING	LABORATORY NAME	TYPE OF ANALYSIS	RESULTS (PASS / FAIL)
		DUST WIPE OTHER (SPECIFY):	PASS FAIL PASS, REQUIRES FURTHER SAMPLING
		DUST WIPE OTHER (SPECIFY):	PASS FAIL PASS, REQUIRES FURTHER SAMPLING
		DUST WIPE OTHER (SPECIFY):	PASS FAIL PASS, REQUIRES FURTHER SAMPLING
		DUST WIPE OTHER (SPECIFY):	PASS FAIL PASS, REQUIRES FURTHER SAMPLING

(INITIAL) THE ATTACHED CHAIN OF CUSTODY DETAILS THE NAME, DATE, AND SIGNATURE OF EACH CERTIFIED RISK ASSESSOR OR INSPECTOR CONDUCTING CLEARANCE SAMPLING ON JOB SITE.

(INITIAL) I HAVE PROVIDED THE ATTACHED OCCUPANT PROTECTION PLAN FOR THE UNIT ABATED ABOVE.

NYCHA LEAD ABATEMENT REPORT

AS THE CERTIFIED SUPERVISOR OR PROJECT DESIGNER, CAREFULLY COMPLETE ALL SECTIONS OF THIS REPORT.

DAYS OF OPERATION:

NAME OF ABATEMENT SUPERVISOR*	TASK	FIRST DATE AND TIME SUPERVISOR WAS ON SITE	LAST DATE AND TIME SUPERVISOR WAS ON SITE
	ABATEMENT CLEANING		
	ABATEMENT RE-CLEANING		
	ABATEMENT RE-CLEANING		
	ABATEMENT RE-CLEANING		
	ABATEMENT RE-CLEANING		
	ABATEMENT RE-CLEANING		
	ABATEMENT RE-CLEANING		
	ABATEMENT RE-CLEANING		
	ABATEMENT RE-CLEANING		
	ABATEMENT RE-CLEANING		
	ABATEMENT RE-CLEANING		
	ABATEMENT RE-CLEANING		
	ABATEMENT RE-CLEANING		

* PLEASE ENSURE THAT THE NAME OF THE SUPERVISOR WHO WAS ON SITE WHEN THE WORK (ABATEMENT/CLEANING/RE-CLEANING) WAS DONE.

NYCHA LEAD ABATEMENT REPORT

AS THE CERTIFIED SUPERVISOR OR PROJECT DESIGNER, CAREFULLY COMPLETE ALL SECTIONS OF THIS REPORT.

ABATEMENT DETAILS

PLEASE FILL IN THE ROOM, COMPONENT, SUBSTRATE, TYPE, AND METHOD OF ABATEMENT USED

NAME			NUMBER	
ADDRESS	CITY		STATE	ZIP CODE
START DATE	COMPLETION DATE		WORK ORDER #	

TO OCCUPANTS:

THE OCCUPANT PROTECTION PLAN DESCRIBES HOW AN ABATEMENT WORKER WILL PROTECT YOU AND YOUR POSSESSIONS DURING LEAD ABATEMENT WORK. IT IS IMPORTANT THAT YOU STAY OUT OF WORK AREAS FOR YOUR OWN PROTECTION, EVEN WHEN THE WORKER IS NOT ON SITE. THE WORKER WILL CLEAN EVERY DAY, BUT WORK AREAS MAY STILL CONTAIN DANGEROUS LEVELS OF LEAD UNTIL A FINAL CLEANING IS DONE AND TESTING VERIFIES IT IS SAFE TO RETURN. THE CONTRACTOR OR NYCHA WILL INFORM YOU WHEN AREAS ARE SAFE TO RE-OCCUPY. IF YOU MUST ENTER A WORK AREA, CONTACT YOUR PROPERTY MANAGEMENT OFFICE FOR ASSISTANCE.

1) OCCUPANCY OF THE UNIT

☐ **UNIT IS VACANT (NO PERSON CURRENTLY RESIDES IN THE UNIT).**

☐ **UNIT IS OCCUPIED (A PERSON(S) CURRENTLY RESIDES IN THE UNIT).**

IF THE UNIT IS OCCUPIED, SELECT ALL THAT APPLY:

☐ **OCCUPANTS WILL BE ALLOWED IN THE UNIT DURING ABATEMENT BUT WILL NOT BE PERMITTED IN THE WORK AREA.**

☐ **OCCUPANTS WILL BE PROVIDED LEAD-SAFE PASSAGE TO SLEEPING AREAS, BATHROOM, KITCHEN, AND ENTRY/EXIT DOOR DURING THE PROJECT.**

☐ **OCCUPANTS MUST STAY OUT OF THE UNIT DURING THE DAY BUT MAY RETURN EACH EVENING AFTER CLEAN-UP. WORK WILL START AT _____ (TIME) EACH DAY AND DAILY CLEAN-UP WILL BE COMPLETED BY _____ (TIME) EACH DAY.**

☐ **WORK AREAS WILL BE LOCKED OR FIRMLY SECURED, PROVIDING AN OVERNIGHT BARRIER, IF WORK CONTINUES MORE THAN ONE DAY.**

☐ **OCCUPANTS WILL BE RELOCATED DURING THE ENTIRE PROJECT AND NOT BE ALLOWED WITHIN THE WORK AREA BEFORE PROJECT COMPLETION.**

2) FURNITURE AND PERSONAL ITEMS

☐ **OCCUPANT(S) WILL BE INFORMED TO REMOVE ALL PERSONAL ITEMS AND AS MUCH FURNITURE AS POSSIBLE FROM THE WORK AREA BEFORE WORK BEGINS.**

☐ **PERSONAL ITEMS AND FURNITURE NOT REMOVED BY THE OCCUPANTS WILL BE REMOVED FROM WORK ROOM(S) AND/OR MOVED AWAY FROM ALL INTERIOR SURFACES THAT WILL BE DISTURBED.**

☐ **DUST-TIGHT PLASTIC SEALS WILL BE USED TO COVER ALL FURNITURE AND PERSONAL BELONGINGS THAT CANNOT BE REMOVED FROM WORKROOMS.**

☐ **NO WINDOW WORK NEEDED.**

☐ **WINDOW WORK NEEDED. DUST WILL BE CONTAINED BY USING PLASTIC SHEETING TO SEAL WINDOWS ON THE INTERIOR AND EXTERIOR.**

4) INTERIOR WORK

☐ **NO INTERIOR WORK NEEDED.**

☐ **INTERIOR WORK NEEDED.**

IF INTERIOR WORK IS NEEDED:

BEFORE STARTING INTERIOR WORK, THE WORK AREA SET-UP WILL INCLUDE:

☐ **INSPECTION OF ROOMS TO IDENTIFY AREAS THAT DO NOT NEED TO BE ABATED.**

☐ **INSPECTION OF ROOMS TO IDENTIFY ANY EXISTING DAMAGE TO COMPONENTS, SUCH AS FURNITURE, FIXTURES, WALLS, DOORS, AND RADIATOR COVERS.**

☐ **COVERING FLOORS WITH PLASTIC SHEETING A MINIMUM OF 6 FEET IN ALL DIRECTIONS FROM EACH SURFACE BEING DISTURBED BY ABATEMENT WORK.**

☐ COVERING DOORWAYS USED TO ACCESS WORK AREAS WITH PLASTIC FLAPS. OTHER DOORWAYS INTO WORK AREAS WILL BE CLOSED AND FULLY SEALED WITH PLASTIC SHEETING AND TAPE.

☐ SUPERVISOR ENSURING THAT DUST GENERATED BY WORK THAT DISTURBS PAINT DOES NOT SPREAD BEYOND THE CONTAINMENT AREA.

☐ SECURING PLASTIC SHEETING FOR USE AS WORKERS WALK BETWEEN WORK AREAS AND OUTSIDE THE UNIT. SEPARATE LEAD-SAFE PASSAGEWAYS WILL BE PROVIDED FOR OCCUPANTS.

☐ TURNING OFF THE HVAC SYSTEM AND SEALING FORCED-AIR VENTS WITHIN 6 FEET OF WORK AREAS WITH PLASTIC SHEETING AND TAPE.

DURING INTERIOR WORK, THE FOLLOWING SAFETY MEASURES WILL BE USED:

☐ BEFORE REMOVING A COMPONENT OR SCRAPING PAINT, THE PAINTED SURFACES WILL BE MISTED WITH WATER.

☐ BEFORE LEAVING A CONTAINED WORK AREA OR PLASTIC WALKWAY, WORKERS WILL REMOVE THEIR DISPOSABLE BOOT COVERS OR CLEAN THE SOLES OF THEIR SHOES USING A TACK PAD/DAMP DISPOSABLE WIPES OR COMPLETELY REMOVE THEIR SHOES.

☐ TOOLS, WASTE CONTAINERS, AND ALL OTHER ITEMS WILL BE CLEANED BEFORE THEY ARE REMOVED FROM THE WORK AREA.

☐ A DUST ROOM/CONTAINMENT WILL BE CONSTRUCTED FOR ANY POWERED PAINT REMOVAL WORK, SUCH AS SANDING.

5) EXTERIOR WORK

☐ NO EXTERIOR WORK NEEDED.

☐ EXTERIOR WORK NEEDED.

IF EXTERIOR WORK IS NEEDED:

BEFORE STARTING EXTERIOR WORK, THE WORK AREA SET-UP WILL INCLUDE:

☐ PRE-CLEANING WORK AREAS WITH A HEPA VACUUM BEFORE LAYING PLASTIC SHEETING FOR CONTAINMENT.

☐ PLACING PERIMETER BARRIER TAPE OR TEMPORARY FENCING AROUND THE WORK AREA.

☐ MOVING ANY PERSONAL ITEMS AWAY FROM WORK AREAS OR COMPLETELY SEALING THEM WITH PLASTIC SHEETING SECURED TO THE GROUND.

☐ CLOSING ALL WINDOWS AND DOORS WITHIN 20 FEET OF WORK SURFACES. THIS INCLUDES WINDOWS AND DOORS OF NEIGHBORING BUILDINGS.

☐ SECURING PLASTIC SHEETING OR LANDSCAPE FABRIC ON THE GROUND EXTENDING AT LEAST 10 FEET FROM BUILDING IN ALL DIRECTIONS FROM SURFACES TO BE DISTURBED, SPACE ALLOWING. SHEETING WILL BE SEALED TO EXTERIOR WALL AND CURBED TO REDUCE SPREADING OF DEBRIS.

☐ VERTICAL CONTAINMENT.

DURING EXTERIOR WORK, THE FOLLOWING SAFETY MEASURES WILL BE USED:

☐ BEFORE REMOVING COMPONENTS OR SCRAPING/SANDING PAINT, THE PAINTED SURFACES WILL BE MISTED WITH WATER.

☐ BEFORE LEAVING A CONTAINED WORK AREA, WORKERS WILL REMOVE THEIR DISPOSABLE BOOT COVERS OR CLEAN THE SOLES OF THEIR SHOES USING A TACK PAD, HEPA VACUUM, OR DISPOSABLE WIPES.

☐ TOOLS, WASTE CONTAINERS, AND ALL OTHER ITEMS WILL BE CLEANED BEFORE BEING REMOVED FROM THE WORK AREA.

☐ IF WEATHER CONDITIONS DO NOT PERMIT EFFECTIVE CONTAINMENT, WORK WILL BE SUSPENDED UNTIL CONDITIONS IMPROVE.

6) WARNING SIGNAGE

☐ SIGNS SHOULD BE IN A LANGUAGE UNDERSTANDABLE TO RESIDENTS AND WORKERS.

☐ RECOMMENDED WORDING IS "CAUTION: LEAD HAZARD – DO NOT ENTER WORK AREA UNLESS AUTHORIZED" BUT MAY BE MODIFIED FOR PROJECT-SPECIFIC CONDITIONS.

☐ IF RESIDENTS ARE PRESENT, PLACE WARNING SIGNS AT THE ENTRY TO THE WORK AREA OR CONTAINMENT AREA AND AT EACH MAIN AND SECONDARY ENTRYWAY TO THE BUILDING.

☐ FOR EXTERIOR WORK, THE SIGN MUST BE EASILY READ 20 FEET FROM THE EDGE OF THE HAZARD REDUCTION ACTIVITY WORKSITE.

7) PROHIBITED PAINT REMOVAL METHODS

CONFIRM THAT THE FOLLOWING PRACTICES WERE NOT USED:

☐ OPEN FLAME GAS-FIRED TORCH NOT UTILIZED IN WORK AREA.

☐ PAINT REMOVAL WITH HEAT GUN NOT UTILIZED IN WORK AREA.

☐ CHEMICAL PAINT STRIPPERS CONTAINING POLYETHYLENE CHLORIDE OR ANY OTHER SUBSTANCES WHICH ARE KNOWN, OR SUSPECTED, HUMAN CARCINOGENS NOT UTILIZED IN WORK AREA.

☐ GRINDING OR SANDING WITHOUT HEPA-FILTERED VACUUM NOT UTILIZED IN WORK AREA.

☐ UNCONTAINED HYDRO-BLASTING NOT UTILIZED IN WORK AREA.

8) DAILY CLEANING

☐ ALL DEBRIS WILL BE WRAPPED OR BAGGED AND STORED IN A SEALED CONTAINER AT A CENTRAL LOCATION UNTIL FINAL DISPOSAL.

☐ ALL PLASTIC SHEETING WILL BE HEPA-VACUUMED.

☐ ALL PLASTIC SHEETING USED AS WALKWAYS TO/FROM THE WORK AREA WILL BE HEPA-VACUUMED AND WET CLEANED. PLASTIC SHEETING WILL BE PATCHED AND REPAIRED, AS NEEDED, THROUGHOUT THE WORK DAY.

9) FINAL CLEANING AND CLEARANCE

☐ FINAL CLEANING BEGINS AFTER WORK IS COMPLETED.

☐ ALL PLASTIC SHEETING WILL BE CLEANED WITH A HEPA VACUUM AND/OR WET CLEANED, FOLDED, AND BAGGED OR TAPED CLOSED FOR DISPOSAL.

☐ ALL INTERIOR FLOORS AND HORIZONTAL SURFACES, INCLUDING WINDOW TROUGHS, WITHIN 6 FEET OF THE SURFACES DISTURBED BY WORK WILL BE HEPA-VACUUMED AND WET CLEANED, WORKING FROM CEILING TO FLOOR TOWARDS THE EXIT.

☐ ALL EXTERIOR HORIZONTAL SURFACES AND THE GROUND WITHIN 10 FEET OF SURFACES DISTURBED BY THE WORK WILL BE HEPA-VACUUMED.

☐ FOR HIGH-DUST JOBS, CLEANING OF HORIZONTAL SURFACES WILL EXTEND THROUGH THE ENTIRE CONTAINMENT AREA.

☐ FINAL CLEARANCE WILL BE CONDUCTED BY A CERTIFIED INSPECTOR OR RISK ASSESSOR IN ACCORDANCE WITH 40 CFR §745.227(E)(8). OCCUPANTS WILL BE INFORMED WHEN IT IS SAFE TO RE-OCCUPY THE UNIT.

ADD ANY MEASURES USED TO ADDRESS UNIQUE CONDITIONS IN THE RESIDENTIAL UNIT OR BUILDING TO ENSURE OCCUPANT PROTECTION DURING ABATEMENT ACTIVITIES:

THE FOLLOWING HAZARD REDUCTION MEASURES WERE UNDERTAKEN:

ABATEMENT METHOD (CHECK ONE)	LOCATION:	COMPONENT(S):
☐ REPLACEMENT		
☐ PAINT REMOVAL		
☐ REPLACEMENT		
☐ PAINT REMOVAL		
☐ REPLACEMENT		
☐ PAINT REMOVAL		
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☐ REPLACEMENT		
☐ PAINT REMOVAL		

ATTACHMENTS(IF APPLICABLE):

☐ **NEW YORK CITY HOUSING AUTHORITY LEAD ABATEMENT WORK ORDER**

☐ **EPA NOTIFICATIONS**

☐ **LEAD ABATEMENT WORKER CERTIFICATIONS**

10) CERTIFIED SUPERVISOR

I VERIFY THAT I AM A CERTIFIED LEAD ABATEMENT SUPERVISOR AND HAVE PREPARED THE OCCUPANT PROTECTION PLAN PRIOR TO ABATEMENT TO PROTECT BUILDING OCCUPANTS FROM EXPOSURE TO LEAD-BASED PAINT HAZARDS.

I WILL PROVIDE A COPY OF THE OCCUPANT PROTECTION PLAN TO THE PROPERTY OWNER AND ALL AFFECTED OCCUPANT(S) OF THE PROPERTY ADDRESS LISTED IN THIS PLAN BY MEANS OF MAIL OR PERSONAL DELIVERY.

NAME OF CERTIFIED LEAD ABATEMENT SUPERVISOR	CERTIFICATION EXPIRATION DATE
SIGNATURE OF CERTIFIED LEAD ABATEMENT SUPERVISOR	DATE OF SIGNATURE

IMPORTANT: A REPRESENTATIVE OF THE CERTIFIED FIRM MAY COMPLETE THIS SAMPLE FORM OR A SIMILAR FORM WHEN NOTIFYING EPA. CONSULT THE INSTRUCTIONS FOR NOTIFYING EPA COMMENCEMENT OF LEAD-BASED PAINT ABATEMENT ACTIVITIES WHEN PREPARING ABATEMENT NOTIFICATION. PLEASE TYPE OR PRINT RESPONSES IN BLACK OR BLUE INK ONLY. DETERMINATION OR A COPY OF THE FEDERAL/STATE/TRIBAL/LOCAL EMERGENCY ABATEMENT ORDER.

ACTIVITY START AND END DATES SPECIFY THE DATES YOU WILL BEGIN AND END LEAD-BASED PAINT ACTIVITY.

IF NECESSARY, ESTIMATE END DATE USING START DATE: _____ END DATE:

YOUR BEST PROFESSIONAL JUDGMENT. MONTH/DAY/YEAR MONTH/DAY/YEAR

DESCRIPTION OF ACTIVITY THIS SECTION RELATES TO THE BUILDING WHERE ABATEMENT WORK WILL BE PERFORMED.

TYPE OF BUILDING: SINGLE FAMILY DWELLING MULTI-FAMILY DWELLING CHILD-OCCUPIED FACILITY

PROPERTY NAME (IF APPLICABLE): _____

PROPERTY ADDRESS INCLUDING APARTMENT AND/OR UNIT NUMBER(S):

STREET ADDRESS CITY STATE ZIP CODE

SQUARE FOOTAGE/ACREAGE TO BE ABATED: _____

**PLEASE WRITE A BRIEF DESCRIPTION OF ABATEMENT PROJECT TO BE PERFORMED.
(ENCLOSE ADDITIONAL PAPER IF NECESSARY)**

FIRM INFORMATION

NAME: _____ FIRM'S CERTIFICATION NUMBER:

ADDRESS:

STREET ADDRESS CITY STATE ZIP CODE

PHONE NUMBER: _____

CERTIFIED SUPERVISOR'S INFORMATION

NAME:

**EPA CERTIFICATION NUMBER: _____ (CHECK HERE IF WORKING
UNDER INTERIM CERTIFICATION AND ENTER THE IDENTIFICATION NUMBER FROM YOUR
COURSE COMPLETION CERTIFICATE IN THIS SPACE)**

**FIRM AFFIRMATION PLEASE NOTE THAT THIS FORM IS INCOMPLETE WITHOUT A
SIGNATURE.**

**I HEREBY ATTEST AND AFFIRM THAT THE INFORMATION INCLUDED ON THIS NOTIFICATION
FORM IS TRUE AND ACCURATE TO THE BEST OF MY BELIEF AND KNOWLEDGE. I
ACKNOWLEDGE THAT ANY APPROVAL AUTHORIZED PURSUANT TO THIS NOTIFICATION WILL
BE SUBJECT TO REVOCATION IF ISSUANCE WAS BASED ON INCORRECT OR INADEQUATE
INFORMATION THAT MATERIALLY AFFECTED THE DECISION TO ISSUE THE APPROVAL.**

NAME: _____ TITLE:

SIGNATURE: _____ DATE SIGNED: _____

FOR INFORMATION ON EPA AND OTHER LEAD PROGRAMS, SEE THE WEB SITE:
[HTTP://WWW.EPA.GOV/LEAD/](http://www.epa.gov/lead/)

THIS COLLECTION OF INFORMATION IS APPROVED BY OMB UNDER THE PAPERWORK REDUCTION ACT, 44 U.S.C. 3501 ET SEQ. (OMB CONTROL NO. 2070-0195). RESPONSES TO THIS COLLECTION OF INFORMATION ARE MANDATORY (40 CFR 745). AN AGENCY MAY NOT CONDUCT OR SPONSOR, AND A PERSON IS NOT REQUIRED TO RESPOND TO, A COLLECTION OF INFORMATION UNLESS IT DISPLAYS A CURRENTLY VALID OMB CONTROL NUMBER. THE PUBLIC REPORTING AND RECORDKEEPING BURDEN FOR THIS COLLECTION OF INFORMATION IS ESTIMATED TO RANGE FROM 0.2 TO 0.5 HOURS PER RESPONSE. SEND COMMENTS ON THE AGENCY'S NEED FOR THIS INFORMATION, THE ACCURACY OF THE PROVIDED BURDEN ESTIMATES AND ANY SUGGESTED METHODS FOR MINIMIZING RESPONDENT BURDEN INCLUDING THROUGH THE USE OF AUTOMATED COLLECTION TECHNIQUES TO THE DIRECTOR, REGULATORY SUPPORT DIVISION, U.S. ENVIRONMENTAL PROTECTION AGENCY (2821T), 1200 PENNSYLVANIA AVE., NW, WASHINGTON, D.C. 20460. INCLUDE THE OMB CONTROL NUMBER IN ANY CORRESPONDENCE. DO NOT SEND THE COMPLETED FORM TO THIS ADDRESS.

PRIVACY ACT STATEMENT: THIS STATEMENT IS PROVIDED PURSUANT TO THE PRIVACY ACT OF 1974, 5 U.S.C.

§552A. THE AUTHORITY FOR COLLECTING THIS INFORMATION IS 40 C.F.R. PART 745, AND 15 U.S.C. §§2682 AND 2684. THE INFORMATION COLLECTED ON THIS FORM WILL BE USED TO ESTABLISH THE APPLICANT'S ELIGIBILITY FOR CERTIFICATION TO CONDUCT LEAD-BASED PAINT ACTIVITIES AND RENOVATIONS IN TARGET HOUSING AND CHILDOCCUPIED FACILITIES. DISCLOSURE OF THIS INFORMATION IS VOLUNTARY; HOWEVER, THE FAILURE TO PROVIDE THIS INFORMATION MAY DELAY OR PREVENT AN APPLICANT'S CERTIFICATION. THIS INFORMATION MAY BE DISCLOSED IN APPROPRIATE AND LIMITED CIRCUMSTANCES TO: EPA EMPLOYEES, CONTRACTORS, GRANTEEES OR OTHERS WHEN PERFORMING DUTIES THAT ARE COMPATIBLE WITH THE PURPOSE FOR WHICH THIS INFORMATION IS COLLECTED AND WHEN THIS INFORMATION IS NECESSARY TO COMPLETE THE TASK; A MEMBER OF CONGRESS IN RESPONSE TO A REQUEST MADE WITH YOUR CONSENT AND ON YOUR BEHALF; TO APPROPRIATE LAW ENFORCEMENT AGENCIES RESPONSIBLE FOR INVESTIGATING, ENFORCING, PROSECUTING OR IMPLEMENTING SPECIFIC STATUTES, CODES OR REGULATIONS AND THIS INFORMATION IS RELEVANT TO THAT RESPONSIBILITY; AN APPROPRIATE ADJUDICATIVE BODY WHEN SUCH DISCLOSURE IS COMPATIBLE WITH THE PURPOSE FOR WHICH THIS INFORMATION IS COLLECTED AND THE EPA OR THE UNITED STATES HAS AN INTEREST IN THE PROCEEDING; AND THE DEPARTMENT OF THE TREASURY, THE GENERAL SERVICES ADMINISTRATION, THE GENERAL ACCOUNTING OFFICE AND OTHER FEDERAL, STATE, AND LOCAL AGENCIES FOR AUTHORIZED ACTIVITIES RELATED TO THIS INFORMATION.

IMPORTANT: A REPRESENTATIVE OF THE CERTIFIED FIRM MAY COMPLETE THIS SAMPLE FORM OR A SIMILAR FORM WHEN NOTIFYING EPA. CONSULT THE INSTRUCTIONS FOR NOTIFYING EPA COMMENCEMENT OF LEAD-BASED PAINT ABATEMENT ACTIVITIES WHEN PREPARING ABATEMENT NOTIFICATION. PLEASE TYPE OR PRINT RESPONSES IN BLACK OR BLUE INK ONLY. DETERMINATION OR A COPY OF THE FEDERAL/STATE/TRIBAL/LOCAL EMERGENCY ABATEMENT ORDER.

ACTIVITY START AND END DATES SPECIFY THE DATES YOU WILL BEGIN AND END LEAD-BASED PAINT ACTIVITY.

IF NECESSARY, ESTIMATE END DATE USING START DATE: _____ END DATE: _____

YOUR BEST PROFESSIONAL JUDGMENT. MONTH/DAY/YEAR MONTH/DAY/YEAR

DESCRIPTION OF ACTIVITY THIS SECTION RELATES TO THE BUILDING WHERE ABATEMENT WORK WILL BE PERFORMED.

TYPE OF BUILDING: SINGLE FAMILY DWELLING MULTI-FAMILY DWELLING CHILD-OCCUPIED FACILITY

PROPERTY NAME (IF APPLICABLE): _____

PROPERTY ADDRESS INCLUDING APARTMENT AND/OR UNIT NUMBER(S):

STREET ADDRESS CITY STATE ZIP CODE

SQUARE FOOTAGE/ACREAGE TO BE ABATED: _____

PLEASE WRITE A BRIEF DESCRIPTION OF ABATEMENT PROJECT TO BE PERFORMED.
(ENCLOSE ADDITIONAL PAPER IF NECESSARY)

FIRM INFORMATION

NAME: _____ FIRM'S CERTIFICATION NUMBER:

ADDRESS:

STREET ADDRESS CITY STATE ZIP CODE

PHONE NUMBER: _____

CERTIFIED SUPERVISOR'S INFORMATION

NAME:

EPA CERTIFICATION NUMBER: _____ (CHECK HERE IF WORKING
UNDER INTERIM CERTIFICATION AND ENTER THE IDENTIFICATION NUMBER FROM YOUR
COURSE COMPLETION CERTIFICATE IN THIS SPACE)

FIRM AFFIRMATION PLEASE NOTE THAT THIS FORM IS INCOMPLETE WITHOUT A
SIGNATURE.

I HEREBY ATTEST AND AFFIRM THAT THE INFORMATION INCLUDED ON THIS NOTIFICATION
FORM IS TRUE AND ACCURATE TO THE BEST OF MY BELIEF AND KNOWLEDGE. I
ACKNOWLEDGE THAT ANY APPROVAL AUTHORIZED PURSUANT TO THIS NOTIFICATION WILL
BE SUBJECT TO REVOCATION IF ISSUANCE WAS BASED ON INCORRECT OR INADEQUATE
INFORMATION THAT MATERIALLY AFFECTED THE DECISION TO ISSUE THE APPROVAL.

NAME: _____ TITLE:

SIGNATURE: _____ DATE SIGNED:

FOR INFORMATION ON EPA AND OTHER LEAD PROGRAMS, SEE THE WEB SITE:
[HTTP://WWW.EPA.GOV/LEAD/](http://www.epa.gov/lead/)

END OF SECTION 02 83 19.01