Operational Control	
A. Significant Environmental Aspect: Asbestos Releases	**B. Objectives:** Maintain compliance with all regulations and other applicable requirements.
C. Document Control Code: AMP-400 OC-2.02-01	**D. Revision Date:** 07/01/09 7/7/11

1. Source of Aspect (activities):
Building Renovation & Equipment Replacement

2. Legal and Other Requirements (specific to activities):

- EPA: 40 CFR Part 61, Subpart M (NESHAPS) & 40 CFR Part 763
- DOT: 49 CFR 171 and 172
- OSHA: 29 CFR 1910.1001
- Oklahoma Asbestos Control Act, Title 40, Sections 450 to 456 and Abatement of Friable Asbestos Materials Rules, 380:50-1-1 through 380:50-29-1
- FAA and MMAC Asbestos Regulations, Procedures, Management Plans, and Contingency Plans (AC 3900.29A, FAA Order 3900.19B – Chapter 15)
- AMP-100A Asbestos Abatement Services Contract
- Construction/OCAT contracts

3. Operational Controls (such as technological, operational, procedural [and corresponding written controls, where applicable])

- Submit projects for AMP-100 to review whether or not asbestos material exists in proposed project area
- Notify AMP-100 if asbestos material is discovered during construction activities.

4. Maintenance plan(s) for the operational controls: Operational controls shall be reviewed at least annually by the organization Environmental Network Representative.

5. Actions to be taken if controls fail: Determine the root cause of failure(s) and modify the documentation and any associated training.

6. Record(s):
Record of memo to AMP-100 to review the project.

7. Responsibility:

Controls (from 3 above)	Responsible Individual(s)
Submit projects for AMP-100 to review	Project Manager

8. Competency (as evidenced by training, experience, or education.)

Title or Name	Competence
Project Manager	Qualifications are listed in the applicable job description.

Authorization

Charles T. Sullivan, Jr.	Date 7.1.09

Operational Control Document

A. Significant Environmental Aspect:	B. Objectives:
Storm Water Discharges	Maintain Compliance with all applicable regulations and other requirements.

C. Document Control Code: AMP-400 OC-2.04.3-01	D. Revision Date: 07/01/09 7/7/10

1. Source of Aspect (activities):
Construction activities

2. Legal and Other Requirements (specific to activities):

- Clean Water Act [Enacted October 18, 1972 as PL 92-500, a comprehensive revision of the Federal Water Pollution Control Act; Now codified at 33 USC 1251-1376] (Amended every year between 1973 and 1983, and in 1987.)
- ODEQ GP-00-01 Multi-Sector General Permit (MSGP) for Industrial Activities
- MMAC Storm Water Pollution Prevention Plan (SWPPP)

3. Operational Controls (such as technological, operational, procedural [and corresponding written controls, where applicable]):

- Notify construction contractor of storm water pollution prevention policy at pre-construction conference
- All washing activities will be performed indoors at a suitable wash bay and discharged into the sanitary sewer.
- Site preparation will be utilized to prevent potential erosion discharges.(e.g., silt fence, hay bails, rock bags, etc.)
- Equipment will be stored under cover when possible.
- Comply with the OKC storm water pollution prevention permit (if applicable).
- Project managers and construction inspectors will be trained on MMAC's Storm Water Pollution Prevention Plan prior to performing activities that may pose an impact to storm water.

4. Maintenance plan(s) for the operational controls:

- Operational controls shall be reviewed at least annually by the organization Environmental Network Representative.

5. Actions to be taken if controls fail:

- Perform spill notifications per AC Order 1050.4 in the event of a spill or unauthorized discharge.
- Conduct after-action meetings to discuss necessary corrective actions.

6. Record(s):

- Training records of Project Managers, Inspectors and Contractors.

7. Responsibility:

Controls (from 3 above)	Responsible Individual
Notify construction contractor of storm water pollution prevention policy at pre-construction conference	Project Manager & Construction Inspector
Site preparation will be utilized to prevent potential erosion discharges. e.g., silt fence, hay bails, rock bags, etc.)	Project Manager & Construction Inspector
Conduct Storm Water Pollution Prevention Plan training	AMP-400 Environmental Network Representative

8. Competency (as evidenced by training, experience, or education.)

Title or Name	Competence

Project Manager	Qualifications are listed in the applicable job description
AMP-400 Environmental Network Representative or Alternate	Environmental Awareness Training
Construction Inspector	Qualifications are listed in the applicable job description
Authorization	
Charles T. Sullivan, Jr.	**Date** 7.1.09

Operational Control	
A. Significant Environmental Aspect: Generation of Noise & Other Emissions	**B. Objectives:** Maintain compliance with all regulations and other applicable requirements.
C. Document Control Code: AMP-400 OC-2.15-01	**D. Revision Date:** 07/01/09 7/2/10

1. Source of Aspect (activities):
Noise from construction activities

2. Legal and Other Requirements (specific to activities):

- Noise Control Act, 42 USC 4901-4918
- National Environmental Policy Act of 1969 (NEPA); 42 U.S.C. 4321-4347
- NEPA regulations as set forth in 40 CFR Parts 1500 –1508
- FAA Order 3910.3, Radiation Health Hazards and Protection

3. Operational Controls (such as technological, operational, procedural [and corresponding written controls, where applicable])

- Notify initiating organization and Labor Relations of impending construction.

4. Maintenance plan(s) for the operational controls:

- Review and update this operational control annually.

5. Actions to be taken if controls fail:

- Relocate personnel affected or shift construction time

6. Record(s):

- Records of annual operational control reviews

7. Responsibility:

Controls (from 3 above)	Responsible Individual
Ensure controls are in place	Project Manager

8. Competency (as evidenced by training, experience, or education.)

Title or Name	Competence
Project Manager	Qualifications are listed in the applicable job description

Authorization

Charles T. Sullivan, Jr.	Date 7.1.09

Operational Control Document

A. Significant OSH Hazard: Electrical	B. Objective(s): • Comply with applicable regulations and other requirements • Protect MMAC personnel from electrical hazards
C. Document Control Code: AMP400-OC-3.1-1	**D. Date:** 5/27/09 **Revision Date:** 6/15/10

1. Source of Hazard (activities):

- Unexpected energization of equipment while replacing/demolishing/installing energized electrical equipment.

2. Legal and Other Requirements (specific to activities):

- 29 CFR 1910.137, Electrical Protective Devices; 1910.147, The Control of Hazardous Energy; and Subpart S, Electrical
- FAA Order 3900.19B, Chapter 13, Hazardous Energy Control Program, and Chapter 34, Electrical Safety
- AC Order 3900.21F, Chapter 13, Hazardous Energy Control, and Chapter 34, Electrical Safety
- NFPA 70E, Standard for Electrical Safety in the Workplace
- ANSI Z244.1, Control of Hazardous Energy Lockout/Tagout and Alternative Methods
- ASTM Standards for Rubber-Insulating Equipment
- OSHA Voluntary Protection Program Policies and Procedures Manual, Directive #CSP03-01-003
- Technical Manuals for equipment
- AMP-100A EOSH Services Contract
- Parsons MMAC Site-Specific Safety Plan (applicable to Parsons personnel)
- Construction contracts that may affect this hazard

3. Operational Controls (such as engineering, administrative where applicable):

- Contact AMP-100 for prior to construction contractor's energized work for an electrical safety hazard evaluation.
- Qualified Persons perform energized work
- Personnel utilize electrical PPE such as rubber insulated gloves, leather outers, and arc flash clothing as necessary
- Follow applicable LOTO procedures
- Conduct inspections of construction worksites and send advisory notices if safety hazards are observed.

4. Maintenance plan(s) for the operational controls:

- Review operational control at least annually and revise as necessary

5. Actions to be taken if controls fail:

- Conduct after-action meeting to discuss necessary corrective actions, determine the root cause of failure, and modify documentation and any associated training.
- Contact AMP-100A for accident investigation.

6. Record(s):

- Contractor advisory notices.

7. Responsibility:

Controls (from Section 3 above)	Responsible Individual
Contact AMP-100 for prior to energized work for an electrical safety hazard evaluation.	Project Manager or Construction Inspector.
Qualified Persons perform energized work	Responsible organization employees (applicable construction contractors)
Personnel utilize electrical PPE such as rubber insulated gloves, leather outers, and arc flash clothing as necessary	Responsible organization employees (applicable construction contractors)
Follow applicable LOTO procedures	Responsible organization employees (applicable construction contractors)
Conduct inspections of construction worksites and send advisory notices if safety hazards are observed.	Construction Inspectors
8. Competency (as evidenced by training, experience, or education.)	
Title or Name	**Competence**
Responsible organization employees	Qualified Person electrical safety training & Authorized and Affected Employee training (LOTO)
Project Manager	Qualifications listed in applicable job description and job performance standards
Construction Inspector	Qualifications listed in applicable job description and job performance standards
Authorization	**Date**
Top Management	6.8.09

Operational Control Document

A. Significant OSH Hazard: Ergonomics	**B. Objective(s):** Comply with applicable regulations and other requirements • Comply with applicable regulations and other requirements • Protect MMAC personnel from serious ergonomic hazards
C. Document Control Code: AMP400-OC-4.1-1	**D. Date:** 5/27/09 **Revision Date:** 6/15/09 6/15/10

1. Source of Hazard (activities):

- Placements and movement of heavy equipment (awkward body placement may be required to access equipment)

2. Legal and Other Requirements (specific to activities):

- AC Order 3900.21F Chapter 35, Ergonomics
- FAA Human Factors Design Standard
- NIOSH Element of Ergonomics Programs Musculoskeletal Disorders and Workplace Factors
- OSHA Voluntary Protection Program Policies and Procedures Manual, Directive #CSP03-01-003
- Parsons MMAC Site-Specific Safety Plan (applicable to Parsons personnel)
- Applicable construction contracts

3. Operational Controls (such as engineering, administrative where applicable):

- Remind personnel and construction contractors to practice safe lifting techniques, when applicable.

4. Maintenance plan(s) for the operational controls:

- Review operational control at least annually and revise as necessary

5. Actions to be taken if controls fail:

- Conduct after-action meeting to discuss necessary corrective actions and to determine the root cause of failure

6. Record(s):

- Records of organization /safety meetings discussing ergonomics

7. Responsibility:

Controls (from Section 3 above)	Responsible Individual
Remind personnel and construction personnel to practice safe lifting techniques, when applicable	AMP-400 OSHMS Representative or Alternate

8. Competency (as evidenced by training, experience, or education.)

Title or Name	Competence
AMP-400 OSHMS Representative or Alternate	OSHA Course 6000 (or equivalent)

Authorization	Date
Charles T. Sullivan Jr.	6.16.09

Operational Control Document

A. Significant OSH Hazard: Falls	**B. Objective(s):** • Comply with applicable regulations and other requirements • Protect MMAC personnel from fall hazards
C. Document Control Code: AMP400-OC-5.1-1	**D. Date:** 5/27/09 **Revision Date:** 6/15/09 6/15/10

1. Source of Hazard (activities):

- Construction contractor work on elevated surfaces / AMP-400 personnel using stairs, ramps, or ladders

2. Legal and Other Requirements (specific to activities):

- 29 CFR 1910 Subpart D, Walking-Working Surfaces, and Subpart N, Materials Handling and Storage
- 29 CFR 1926 Subpart M, Fall Protection
- FAA Order 3900.19B Chapter 9, Reports by Employees on Hazardous Conditions; Chapter 10, Fall Protection Program; and Chapter 31, Office Safety
- AC Order 3900.21F Chapter 9, Reports by Employees on Hazardous Conditions; Chapter 10, Fall Protection; Chapter 31, Office Safety; and Chapter 36, Walking and Working Surfaces
- OSHA Voluntary Protection Program Policies and Procedures Manual, Directive #CSP03-01-003
- AMP-100A EOSH Services Contract
- Parsons MMAC Site-Specific Safety Plan (applicable to Parsons personnel)
- Construction contracts that may affect this hazard

3. Operational Controls (such as engineering, administrative where applicable):

- Remind personnel to the appropriate level as required by their work tasks and utilize PPE such as safety shoes, safety glasses, and/or face shields, as appropriate.
- Conduct inspections of construction worksites and send advisory notices if safety hazards are observed.

4. Maintenance plan(s) for the operational controls:

- Review operational control at least annually and revise as necessary

5. Actions to be taken if controls fail:

- Conduct after-action meeting to discuss necessary corrective actions and to determine the root cause of failure.
- If AMP-400 personnel injured, complete a mishap report (AC Form 3900-11).
- Contact AMP-100A for accident investigation.

6. Record(s):

- Records of organization /safety meetings discussing fall protection
- Contractor advisory notices

7. Responsibility:

Controls (from Section 3 above)	Responsible Individual
Conduct inspections of construction worksites and send advisory notices if safety hazards are observed.	Construction Inspectors

Remind AMP-400 personnel to the appropriate level as required by their work tasks and utilize PPE such as safety shoes, safety glasses, and/or face shields, as appropriate.	OSHMS Representative or alternate
8. Competency (as evidenced by training, experience, or education.)	
Title or Name	**Competence**
OSHMS Representative or alternate	OSHA course 6000 (or equivalent)
Construction Inspector	Qualifications listed in applicable job description and job performance standards
Authorization	**Date**
Charles T. Sullivan Jr.	6.16.09

Operational Control Document	
A. Significant Environmental Aspect: Toxic Substance Releases	**B. Objectives:** Comply with all applicable regulations and other requirements
C. Document Control Code: AMP-400 OC-2.09-01	**D. Revision Date:** 07/01/09 7/2/10

1. Source of Aspect (activities):
In-service use of PCB- containing electrical equipment. Removal of lead-based paint.

2. Legal and Other Requirements (specific to activities):
Toxic Substance Control Act 15 US Code 2601-2671 PCB's 40 CFR Part 761

3. Operational Controls (such as technological, operational, procedural and corresponding written controls, where applicable):

- Notify Construction Contractor of toxic substance releases prevention policy.
- Submit project for AMP-100 to review
- AMP-100 to notify AMP-400 if PCB containing equipment will be effected by construction
- AMP-100 to provide containers and dispose of PCB containing devises
- AMP-100 to notify AMP-400 if lead paint is in the construction area

4. Maintenance plan(s) for the operational controls:

- Review and update this operational control annually.

5. Actions to be taken if controls fail:

- Notify AMP-100A
- Conduct after-action meeting to discuss necessary corrective action.

6. Record(s):

- Record of Operational Control review (annual)
- Record of memo to AMP-100 to review the project.

7. Responsibility:

Controls (from 3 above)	Responsible Individual
Submit projects for AMP-100 to review	Project Manager

8. Competency (as evidenced by training, experience, or education.)

Title or Name	Competence
Project Manager	Qualifications are listed in the applicable job description

Authorization

Charles T. Sullivan, Jr.	Date 7.1.09

Operational Control Document

A. Significant OSH Hazard: Physical	B. Objective(s): • Comply with applicable regulations and other requirements • Protect MMAC personnel from physical hazards
C. Document Control Code: AMP400-OC-8.1-1	D. Date: 5/27/09 Revision Date: 6/15/09 6/15/10

1. Source of Hazard (activities):

- Sharp edges are exposed during construction, demolition and remodeling on sheet metal, glass edges, broken tile, and tools.
- Flying debris and particles may be emitted during drilling, grinding, sawing, welding, and wind gusts.
- Falling objects dropped from roof area may strike personnel.

2. Legal and Other Requirements (specific to activities):

- 29 CFR 1910 Subpart N, Materials Handling and Storage; 1910 Subpart O, Machinery and Machine Guarding; 1910.242, Hand and Portable Powered Tools and Equipment, General; and 1910.243, Guarding of Portable Powered Tools
- FAA Order 3900.19B Chapter 25, Personal Protective Equipment; Chapter 26, Industrial Technologies; and Chapter 32, Materials Handling and Storage
- AC Order 3900.21F Chapter 25, Personal Protective Equipment; Chapter 26, Industrial Technology Program; Chapter 32, Materials Handling and Storage
- ASME/ANSI Standards (B30 series) for Cranes, Hoists, Hooks, Slings, etc.
- ANSI B186.1, Safety Code for Portable Air Tools
- OSHA Voluntary Protection Program Policies and Procedures Manual, Directive #CSP03-01-003
- AMP-100A EOSH Services Contracts
- Parsons MMAC Site-Specific Safety Plan (applicable to Parsons personnel)
- Construction contracts that may affect this hazard

3. Operational Controls (such as engineering, administrative where applicable):

- Remind AMP-400 personnel to the appropriate level as required by their work tasks and utilize PPE such as safety shoes, safety glasses, and/or face shields, as appropriate.
- Conduct inspections of construction worksites and send advisory notices if safety hazards are observed.

4. Maintenance plan(s) for the operational controls:

- Review operational control at least annually and revise as necessary

5. Actions to be taken if controls fail:

- Conduct after-action meeting to discuss necessary corrective actions, determine the root cause of failure, and modify the documentation and any associated training.
- If AMP-400 personnel injured, complete a mishap report (AC Form 3900-11).
- Contact AMP-100A for accident investigation

6. Record(s):	
▫ Records of organization /safety meetings discussing construction hazards. ▫ Contractor advisory notices	
7. Responsibility:	
Controls (from Section 3 above)	**Responsible individual**
Conduct inspections of construction worksites and send advisory notices if safety hazards are observed.	Construction Inspectors
Remind AMP-400 personnel to the appropriate level as required by their work tasks and utilize PPE such as safety shoes, safety glasses, and/or face shields, as appropriate.	OSHMS Representative or alternate
8. Competency (as evidenced by training, experience, or education.)	
Title or Name	**Competence**
OSHMS Representative or alternate	OSHA course 6000 (or equivalent)
Construction Inspector	Qualifications listed in applicable job description and job performance standards
Authorization	**Date**
Charles T. Sullivan Jr.	6.16.09