STANDARD QUALITY ASSURANCE PLAN

1. PURPOSE
The Standard Quality Assurance Plan (hereinafter referred to as "Standard Plan") establishes the requirements for the 2017 Los Angeles County (LAC) General Machining Work (LACGMW) work. This plan is intended to provide guidance for the implementation of the LACGMW work in a manner consistent with the requirements of the 2017 LACGMW contract.

2. SCOPE OF WORK
The Standard Plan applies to all aspects of the LACGMW work, including the selection, fabrication, and installation of mechanical equipment and structures. The plan covers both new construction and repair work.

3. RESPONSIBILITIES

3.1 General
The Department is responsible for the overall management and coordination of the LACGMW work. The Department shall ensure that all work is performed in accordance with the Standard Plan and the contract specifications.

3.2 Subcontractor
Subcontractors shall be responsible for their own quality assurance programs and shall be required to adhere to the Standard Plan.

4. QUALITY ASSURANCE PROGRAM

4.1 General
A quality assurance program shall be established for each contract. The program shall be designed to ensure that all work is performed in accordance with the contract specifications and the Standard Plan.

4.2 Quality Assurance Plan
A quality assurance plan shall be submitted to the Department for review and approval. The plan shall include a description of the quality control procedures to be used, the personnel responsible for quality assurance, and the inspection and testing procedures to be employed.

5. QUALITY ASSURANCE REQUIREMENTS

5.1 General
The quality assurance program shall be designed to ensure that all work is performed in accordance with the contract specifications and the Standard Plan. The program shall be reviewed and updated as necessary to reflect changes in the work.

5.2 Quality Control
Quality control activities shall be performed at all stages of the work, including design, fabrication, and installation. The activities shall include inspections, testing, and observations to ensure that the work meets the contract specifications.

5.3 Quality Assurance Program
A quality assurance program shall be established for each contract. The program shall be designed to ensure that all work is performed in accordance with the contract specifications and the Standard Plan. The program shall include a description of the quality control procedures to be used, the personnel responsible for quality assurance, and the inspection and testing procedures to be employed.

6. QUALITY ASSURANCE TESTING

6.1 General
Quality assurance testing shall be performed at all stages of the work, including design, fabrication, and installation. The testing shall be performed in accordance with the contract specifications and the Standard Plan.

6.2 Quality Assurance Testing Plan
A quality assurance testing plan shall be submitted to the Department for review and approval. The plan shall include a description of the testing procedures to be used, the personnel responsible for testing, and the inspection and testing equipment to be used.

7. QUALITY ASSURANCE DOCUMENTATION

7.1 General
Documentation shall be maintained for all work performed in accordance with the contract specifications and the Standard Plan. The documentation shall include all reports, drawings, and other records.

7.2 Quality Assurance Documentation Plan
A quality assurance documentation plan shall be submitted to the Department for review and approval. The plan shall include a description of the documentation to be maintained, the personnel responsible for documentation, and the procedures to be used for maintaining the documentation.

8. QUALITY ASSURANCE CERTIFICATION

8.1 General
Certification of quality assurance shall be performed at all stages of the work, including design, fabrication, and installation. The certification shall be performed in accordance with the contract specifications and the Standard Plan.

8.2 Quality Assurance Certification Plan
A quality assurance certification plan shall be submitted to the Department for review and approval. The plan shall include a description of the certification procedures to be used, the personnel responsible for certification, and the inspection and testing equipment to be used.

9. QUALITY ASSURANCE RECORDS

9.1 General
Records shall be maintained for all work performed in accordance with the contract specifications and the Standard Plan. The records shall include all reports, drawings, and other records.

9.2 Quality Assurance Records Plan
A quality assurance records plan shall be submitted to the Department for review and approval. The plan shall include a description of the records to be maintained, the personnel responsible for records, and the procedures to be used for maintaining the records.

10. QUALITY ASSURANCE TRAINING

10.1 General
Training shall be provided for all personnel involved in the quality assurance program. The training shall be performed in accordance with the contract specifications and the Standard Plan.

10.2 Quality Assurance Training Plan
A quality assurance training plan shall be submitted to the Department for review and approval. The plan shall include a description of the training to be provided, the personnel responsible for training, and the procedures to be used for providing the training.

11. QUALITY ASSURANCE AUDITS

11.1 General
Audits shall be performed at all stages of the work, including design, fabrication, and installation. The audits shall be performed in accordance with the contract specifications and the Standard Plan.

11.2 Quality Assurance Audit Plan
A quality assurance audit plan shall be submitted to the Department for review and approval. The plan shall include a description of the audits to be performed, the personnel responsible for audits, and the inspection and testing equipment to be used.

12. QUALITY ASSURANCE REPORTS

12.1 General
Reports shall be prepared for all work performed in accordance with the contract specifications and the Standard Plan. The reports shall include all reports, drawings, and other records.

12.2 Quality Assurance Report Plan
A quality assurance report plan shall be submitted to the Department for review and approval. The plan shall include a description of the reports to be prepared, the personnel responsible for reports, and the procedures to be used for preparing the reports.

13. QUALITY ASSURANCE RECORDS

13.1 General
Records shall be maintained for all work performed in accordance with the contract specifications and the Standard Plan. The records shall include all reports, drawings, and other records.

13.2 Quality Assurance Records Plan
A quality assurance records plan shall be submitted to the Department for review and approval. The plan shall include a description of the records to be maintained, the personnel responsible for records, and the procedures to be used for maintaining the records.