MetalTek INTERNATIONAL
BECAUSE YOU DEMAND MORE THAN METAL

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January 27, 2016

United States Nuclear Regulatory Commission
Attn: Document Control Desk
Mechanical Vendor Inspection Branch
Division of Construction Inspection and Operational Programs
Office of New Reactors
Washington, DC 20555-001

Subject: Follow-up Response to Notice of Nonconformance
NRC Inspection Report No. 99901439/2015-201

Reference: Letter from Richard P. McIntyre (NRC) to Dan Grannan (MetalTek International), U.S. Nuclear Regulatory Commission Inspection Report No. 99901439/2015-201 and Notice of Nonconformance, dated January 8, 2016.

Dear Mr. McIntyre,

In reply to the NRC Response Letter associated with Notice of Nonconformances (NON), MetalTek International SMCI Division (SMCI) provides the enclosed follow-up response. This Response addresses questions and comments made by the NRC in the NRC letter referenced above. This response is revised to include a copy of revision 9 of QP-9.0 and provide Objective Evidence of training associated with the procedure revision.

Verbal communication with the Quality Control inspectors ensured the wording change was understood. The inspectors were not confused by the original wording, the change only further clarified the weld wire return expectations. Training is attached providing evidence of the reading of the revised procedure but was not mandated prior to the release of the revision.

SMCI understands the feedback received from the NRC in response to our previous submittal and we take the feedback very seriously. We recognize the importance of our attention to this situation and provide the additional requested information.

Sincerely,

IE09
NRD

MetalTek INTERNATIONAL

BECAUSE YOU DEMAND MORE THAN METAL

Dan Grannan
Quality Director
MetalTek International, SMCI Division

Enclosure:
SMCI QP-9.0 revision 9
Objective Evidence of Training for QP-9.0 revision 9

MetalTek INTERNATIONAL DELIVERING MORE THAN METAL	SMCI DIVISION PROCEDURE	QP-9.0 Rev: 9
Quality Fabrication & Machining Services **SUBJECT:** **Weld Filler Metal And Consumables Control**	PREPARED BY / DATE Dave Bosell 11/18/15 APPROVED BY / DATE Gamal Handal 11/18/15 Engineering Manager Date Dan Grannan 11/18/15 Director of Quality Date	

Effective Date	11/20/15

Revision Summary

Previous Revision Numbers	Date Approved
0	4/22/13
1	7/30/13
2	8/16/13
3	9/10/13
4	6/16/14
5	10/3/14
6	3/13/15
7	3/20/15
8	7/8/15

Change	Reason for Change
Step 5.7.2 – Reworded step.	Reworded step to clarify that weld wire is returned to storage no later than the end of shift.
Step 7.1 – Added Notice of Nonconformance (NON) from the NRC.	This is the NON that is driving the change to Step 5.7.2.

TABLE OF CONTENTS

1. PURPOSE

1.1 This procedure defines the responsibilities and methods necessary to maintain positive control over weld filler metal as required in Section 9 of the Quality Assurance Manual.

2. SCOPE

2.1 This procedure provides the requirements for controlling weld filler metals from receipt inspection through consumption in the welding process.

3. TERMS, DEFINITIONS, ABBREVIATIONS, AND ACRONYMS

3.1 FCAW – Flux Core Arc Welding

3.2 GMAW – Gas Metal Arc Welding

3.3 GTAW – Gas Tungsten Arc Welding

3.4 SAW – Submerged Arc Welding

3.5 Weld Filler Metal – Consumable electrode or filler used to form a weld pass

3.6 Weld Filler Metal Control Box – (Hereafter referred to as Control Box). A temperature and humidity monitored storage container, in accordance with NQA-1 – 1994, Level B storage, used for storing weld filler metal to provide protection from detrimental environmental elements and to provide a controlled location that weld filler metal is distributed from for work on the floor.

4. RESPONSIBILITIES

4.1 Leadman or Foreman - Is responsible for withdrawing weld filler metal for non-Nuclear, non-ASME Section III, or non-ASME Section VIII jobs from the Control Boxes for their jobs.

4.2 Project Manager (PM) – The PM shall be responsible for generating procurement documents for all weld filler metals that will be used in their job and shall supply the Welding Engineer with all necessary specifications and code information pertaining to welding on their job.

4.3 Quality Manager (QM) – The QM shall be responsible for assigning keys to personnel for the locked Control Boxes.

4.4 Quality Personnel – The Quality Personnel, hereafter referred to as Quality, shall be responsible for signing weld filler metal in and out of the Control Boxes for Nuclear, ASME Section III, or ASME Section VIII work.

4.5 Receiving Inspector – The Receiving Inspector shall be responsible for receiving in the weld filler wire in accordance with QP-7.1, Receiving Inspections.

4.6 Welding Engineer (WE) – The WE shall have control over all weld filler metal. The WE shall be responsible for reviewing weld filler metal procurement documents to ensure that they meet the requirements of the job.

5. MAIN BODY

5.1 Procurement

5.1.1 Generate the procurement documents for the weld filler metal associated with their job in accordance with QP-4.0, Control of Purchasing. **[Project Manager]**

5.2 Receiving

5.2.1 Receiving Inspector shall inspect weld filler metal in accordance with QP-7.1, Receiving Inspections. **[Receipt Inspector]**

5.2.2 Weld filler metal, prior to or while being checked in, shall be held in the shipping and receiving building or in a location controlled by the Receiving Inspector.

5.2.3 IF the shipment is acceptable, THEN notify Quality for Nuclear or ASME related work OR the leadman/foreman for non-Nuclear or non-ASME related work individuals listed in the following steps.

a. IF the weld filler metal had been ordered for a non-Nuclear, non-ASME Section III, OR non-ASME Section VIII job, THEN the Receipt Inspector shall alert the foreman or leadman on the job to have the wire placed into the Control Box in that area.

b. IF the weld filler metal had been ordered for a Nuclear, ASME Section III, OR ASME Section VIII job, THEN the Receipt Inspector shall alert Quality to have the wire placed into the appropriate Control Box in the nuclear job area.

5.2.4 IF the shipment is not acceptable, THEN it shall be dispositioned in accordance with QP-7.1, Receiving Inspections

5.3 Storage Requirements

5.3.1 All weld filler metal shall be stored in Control Boxes. **[Quality]**

a. Setup Control Boxes in accordance with NQA-1 – 1994, Level B storage requirements.

5.3.2 Place weld filler metal, in its original packaging, in the Control Box.

a. Do NOT open the original packaging until the weld filler metal is released for use on a job.

5.3.3 Control Boxes shall be kept clean and orderly.

a. Shelving may be utilized to separate different lots/heats/materials of weld wire.

5.3.4 Control Boxes used for Nuclear, ASME Section III or ASME Section VIII jobs shall:

- Be locked at all times.
- Show a list or the location of a list of people who are authorized to access the Control Boxes
- An identifier on the Control Box indicating carbon weld filler metal or stainless weld filler metal storage.
- Be monitored by the Quality department in accordance with Step 5.3.6a.

5.3.5 The Quality Manager shall issue keys to the Control Boxes to authorized personnel only. (Refer to Step 5.3.4).

5.3.6 Control Boxes temperature and humidity monitored.

a. Check and record the temperature of Control Boxes used for Nuclear, ASME Section III or ASME Section VIII on QP-9.0-F-1, Wire Cabinet Temp/Humidity Log on a daily basis.

1) Record the temperature on QP-9.0-F-1

2) IF the temperature is less than 40°F OR greater than 140°F, THEN contact the Weld Engineer (WE) for resolution.

b. Check and record the humidity of Control Boxes used for Nuclear, ASME Section III or ASME Section VIII on QP-9.0-F-1, Wire Cabinet Temp/Humidity Log on a daily basis.

1) Record the humidity reading on QP-9.0-F-1.

5.3.7 Quality will record weld filler metal in the Control Box on QP-9.0-F-2, Wire Inventory Log. This log shall be checked and updated every week by Quality to ensure an accurate count of the amount of weld filler metal available for each job. The Inventory Log shall have places to record the type, amount, diameter, Heat/Lot #, N # / MI #, and Job # (if assigned) and date and initials of the person completing the inventory.

5.3.8 SAW flux used shall be dry and free of contamination from dirt, mill scale, or other foreign material.

a. IF the seal on the SAW flux bag has been broken, THEN the SAW flux shall be stored in the Control Boxes.

b. WHEN the seal has been broken on the SAW flux bag, THEN ensure the bag is marked with the job number it is currently being used on AND the date it was opened.

c. Discard SAW flux if any of the following conditions exist:

- The flux is exposed to moisture
- Exceeding exposure limits in accordance with the manufacturer's recommendations or project specifications.

d. IF the flux bag has been previously opened, THEN the top one inch of flux shall be discarded and not used.

5.4 Marking of Weld Filler Metal

5.4.1 Weld filler metal ordered for Nuclear, ASME Section III, or ASME Section VIII work shall have the N # and Job # on each container.

5.4.2 Weld filler metal ordered for Non-Nuclear or non-ASME Section III or non-ASME Section VIII work shall have the MI# and customer on each container.

a. WHEN the weld filler metal has been assigned a specific job, THEN the Job # shall be added to the container.

5.4.3 Weld filler metal that is not marked with the Heat or Lot # from the supplier will be identified by one of the following methods:

- For GTAW – The N# or MI# shall be written on tags, stamped, or embossed at both ends of the wire.
- For GMAW/FCAW/SAW – The N# or MI# shall be written on a tag attached to the spool
- A unique marking (numbers or letters) on the spool or wire ends that is identified on QP-9.0-F-3, Wire Consumable Issuance Log.

5.4.4 IF the traceability of the weld filler metal is lost (e.g., the markings are illegible or the tags have been lost), THEN Quality shall inform the WE or QM of any weld filler metal traceability issues.

5.5 Withdrawal and Issuance of Weld Filler Metal

NOTE:

- The Traveler identifies the WPSs that are to be used for a job.
- The WPS identifies the type of weld filler metal to be used.
- To receive weld filler metal the welder must have a traveler for the job they are working on.
- SMCI does not issue coated electrodes for any jobs.

5.5.1 The WE is responsible for verifying that all welders put on a job are qualified for the process they are assigned to perform.

a. The Welder Performance Qualification Report will be hung in the Control Boxes and updated by the WE as new qualifications are added.

NOTE:

The welder shall not be in possession of more than one weld filler metal classification for the same welding process at one time.

5.5.2 IF weld filler metal is needed for a Nuclear, ASME Section III or ASME Section VIII job, THEN the welder shall inform Quality of the need for weld filler metal.

a. Quality will review the Traveler with the welder to determine the correct weld filler metal that is needed for the job.

b. Quality shall verify that the welder is listed on the Welder Performance Qualification Report as qualified to make that weld.

5.5.3 Quality shall record the date, welder's name, welder's stamp, N # or MI #, Job #, the time the weld filler metal is released and the amount issued on QP-9.0-F-3, Wire Consumable Issuance Log when checking out weld filler metal.

5.5.4 IF issuing weld filler metal for GTAW process, THEN the weld filler metal shall be marked in accordance with Step 5.4.3 and given to the welder in a wire tube.

5.5.5 IF issuing spools of weld filler metal, THEN the spool shall be marked in accordance with Step 5.4.3.

5.5.6 Flux is issued in conjunction with the weld filler metal with which it is qualified.

5.5.7 The leadman or foreman for non-Nuclear, non-ASME Section III or non-ASME Section VIII jobs is responsible for withdrawing weld filler metal from the Control Boxes for their jobs.

5.6 Usage in Production

5.6.1 The welder shall control their weld filler metal to prevent contamination or misuse by other welders.

a. Welders shall not exchange weld filler metal.

b. Welders shall only weld with the weld filler metal issued to them.

5.6.2 GTAW weld filler metal shall be kept in wire tubes when not in use to keep clean and segregated from detrimental materials.

5.6.3 Spooled weld filler metal shall be covered when not in use for an extended period of time to keep it clean.

5.6.4 The welder shall:

a. Record the N # or MI # of the weld filler metal on the Traveler.

b. Sign for any welds indicated on the Traveler that were made.

5.7 Return of Weld Filler Metal

5.7.1 Weld filler metal not consumed shall be returned to the appropriate weld filler metal Control Box by Quality.

5.7.2 Unused weld filler metal is checked in prior to storage at the end of each shift, or earlier. (7.1)

NOTE:

Weld filler metal is not be discarded into regular trash containers.

5.7.3 Used or damaged weld filler metal (i.e. GTAW rod ends or spooled cut lengths) shall be discarded into containers marked to indicate it as controlled weld filler metal.

5.7.4 Unused flux issued in conjunction with the weld filler metal shall be discarded.

5.7.5 Quality shall complete QP-9.0-F-3, Wire Consumable Issuance Log by indicating unused weld filler metal was returned or that all the weld filler metal was consumed during that shift.

6. DOCUMENTATION AND RECORDS

6.1 Weld Inventory Log and the Weld Consumable Issuance Log that are fully filled out shall be kept for a minimum of 15 days for inventory purposes.

6.2 The Traveler is routed in accordance with QP-WI-6.3, Traveler Issuance and Control and QP-WI-17.3, Traveler Closeout and QA Record Archiving.

7. COMMITMENTS & REQUIREMENTS

7.1 NON 99901439/2015-201-01 - Clarify and explain how long a welder can keep weld filler metal once issued, since the response is not clear whether filler metal can be kept out past a welders shift.

8. REFERENCES

8.1 Use References

8.1.1 QP-4.0, Control of Purchasing

8.1.2 QP-7.1, Receiving Inspections

8.1.3 QP-WI-6.3, Traveler Issuance and Control

8.1.4 QP-WI-17.3, Traveler Closeout and QA Record Archiving

8.2 Source References

8.2.1 NQA-1 – 1994

Cabinet Area		M&TE # Used and Cal Due Date:	Temperature Inst	Hygrometer

Date	Temperature (°F)	Humidity (%)	Initial

Cabinet Area						
Type	Sealed Boxes	Diameter	Heat/Lot #	N # / MI #	Job #	Date Checked/Initial

Title: _____

Stamp # / Name	Type	Manufacturer	N # / MI # Quantity		Date Out	Time Out	QC Initial	Quantity IN	Date IN	Time IN	QC Initial	Job # / Document #

WORK GROUP: Quality

NAME: Chris Gates

Procedure	Revision	Signature	Date
QP-9.0	9	Chris Gates	1/11/16
		N/A	

QP-2.0-F-3 **SMCI Procedure Training/Review**	Page 1 of 1

WORK GROUP: Quality Control

NAME: Dustin Hammond

Procedure	Revision	Signature	Date
QP-WI-5.1	1		12-2-15
QP-WI-10.5	1		12-2-15
QP-9.0	9		12-2-15
QP-7.1	7		12-2-15
QP-2.3	4		12-2-15
		N	
		A	

REFERENCE ONLY

QP-2.0-F-3 **SMCI Procedure Training/Review**	

WORK GROUP: Quality Control

NAME: Ryan Hite

Procedure	Revision	Signature	Date
QP-WI-5.1	1	Ryan Hite	12/01/15
QP-WI-10.5	1	[illegible]	12/01/15
QP-9.0	9	[illegible]	12/01/15
QP-7.1	7	[illegible]	12/01/15
QP-2.3	4	[illegible]	12/01/15

N/A

REFERENCE ONLY

QP-2.0-F-3 **SMCI Procedure Training/Review**	

WORK GROUP: Quality Control

NAME: Justin Lynn

Procedure	Revision	Signature	Date
QP-WI-5.1	1		12-1-15
QP-WI-10.5	1		12-1-15
QP-9.0	9		12-1-15
QP-7.1	7		12-1-15
QP-2.3	4		12-1-15
		N	
		A	

QP-2.0-F-3 **SMCI Procedure Training/Review**	

WORK GROUP: Quality Control

NAME: Timothy Lechmann

Procedure	Revision	Signature	Date
QP-WI-5.1	1		12/1/15
QP-WI-10.5	1		12/1/15
QP-9.0	9		12/1/15
QP-7.1	7		12/1/15
QP-2.3	4		12/1/15
		N	
		A	

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WORK GROUP: Quality Control

NAME: BEN FOX

Procedure	Revision	Signature	Date
QP-WI-5.1	1	Ben Fox	12-1-15
QP-WI-10.5	1	Ben Fox	12-1-15
QP-9.0	9	Ben Fox	12-1-15
QP-7.1	7	Ben Fox	12-1-15
QP-2.3	4	Ben Fox	12-1-15
		N/A	

REFERENCE ONLY

QP-2.0-F-3 **SMCI Procedure Training/Review**	

WORK GROUP: Quality Control

NAME: ANTHONY OSAGIE

Procedure	Revision	Signature	Date
QP-WI-5.1	1	[signature]	12/1/15
QP-WI-10.5	1	[signature]	12/1/15
QP-9.0	9	[signature]	12/1/15
QP-7.1	7	[signature]	12/1/15
QP-2.3	4	[signature]	12/1/15
		N	
		A	

REFERENCE ONLY

QP-2.0-F-3 **SMCI Procedure Training/Review**	Page 1 of 1

WORK GROUP: Quality Control

NAME: Yuva Dachevang

Procedure	Revision	Signature	Date
QP-WI-5.1	1		12-1-15
QP-WI-10.5	1		12-1-15
QP-9.0	9		12-1-15
QP-7.1	7		12-1-15
QP-2.3	4		12-1-15
		N	
		A	

REFERENCE ONLY

QP-2.0-F-3 **SMCI Procedure Training/Review**	

WORK GROUP: Quality Control

NAME: Ronald W Rawlerson

Procedure	Revision	Signature	Date
QP-WI-5.1	1	Ronald W Rawlerson	12-1-15
QP-WI-10.5	1	Ronald W Rawlerson	12-1-15
QP-9.0	9	Ronald W Rawlerson	12-1-15
QP-7.1	7	Ronald W Rawlerson	12-1-15
QP-2.3	4	Ronald W Rawlerson	12-1-15
		N	
		A	

REFERENCE ONLY

QP-2.0-F-3 **SMCI Procedure Training/Review**	

WORK GROUP: QC NDE

NAME: Susan Pierce

Procedure	Revision	Signature	Date
QP-2.3	4	SP	12-1-15
QP-7.1	7	SP	12-1-15
QP-9.0	9	SP	12-1-15
QP-WI-5.1	1	SP	12-1-15
QP-WI-10.5	1	SP	12-1-15
		N	
		A	

REFERENCE ONLY

WORK GROUP: QC

NAME: Anthony Sgro

Procedure	Revision	Signature	Date
QP-2.3 ~~ke~~	4		11/25/15
QP-7.1	7		11/25/15
QP-9.0	9		11/25/15
QP-W1-5.1	1		11/25/15
QP-W1-10.5	1		11/25/15
		N	
		A	

REFERENCE ONLY

SMCI Procedure Training/Review

WORK GROUP: Quality

NAME: Jeff Blanton

Procedure	Revision	Signature *	Date
QP-WI-51	1	JB	11.24.15
QP-WI-10.5	1	JB	11.24.15
QP-9.0	9	JB	11.24.15
QP-7.1	7	JB	11.24.15
QP-2.3	4	JB	11.24.15
		N	
		A	

REFERENCE ONLY

*By signing this block I acknowledge that I have read and understand the intent of the procedure

SMCI Procedure Training/Review

WORK GROUP: Quality

NAME: Mark Miller

Procedure	Revision	Signature *	Date
QP-WI-5.1	1	Mark Miller	11-25-15
QP-WI-10.5	1	Mark Miller	11-25-15
QP-9.0	9	Mark Miller	11-25-15
QP-7.1	7	Mark Miller	11-25-15
QP-2.3	4	Mark Miller	11-25-15
		N	
		A	

REFERENCE ONLY

*By signing this block I acknowledge that I have read and understand the intent of the procedure

QP-2.0-F-3 **SMCI Procedure Training/Review**	

WORK GROUP: Quality control

NAME: Brandon Rossi

Procedure	Revision	Signature	Date
QP-9.0	9		11-24-15
QP-7.1	7		11-24-15
QP-2.3	4		11-24-15
QP-WI-10.5	1		11-24-15
QP-WI-5.1	1		11-24-15
		N	
		A	

REFERENCE ONLY

QP-2.0-F-3 **SMCI Procedure Training/Review**	

WORK GROUP: TEAM / Quality Control

NAME: STEVEN LATINKA

Procedure	Revision	Signature	Date
QP-9.0	9		11/24/15
QP-7.1	7		11/24/15
QP-2.3	4		11/24/15
QP-WI-10.5 QP-10.5L	1		11/24/15
QP-WI-5.1	1		11/24/15
		N	
		A	

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WORK GROUP: Quality Control

NAME: Nelson Guerrero

Procedure	Revision	Signature	Date
QP-WI-5.1	1		11/25/15
QP-WI-10.5	1		
QP-9.0	9		
QP-7.1	7		
QP-2.3	4		
		N/A	

REFERENCE ONLY

QP-2.0-F-3 **SMCI Procedure Training/Review**	

WORK GROUP: Quality Control

NAME: Chris Whitlock

Procedure	Revision	Signature	Date
QP-WI-5.1	1		11-24-15
QP-WI-10.5	1		11-24-15
QP-9.0	9		11-24-15
QP-7.1	7		11-24-15
QP-2.3	4		11-24-15
		N	
		A	

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WORK GROUP: Management

NAME: Juan J Garza

Procedure	Revision	Signature	Date
QP - 2.2	3	Juan J Garza	1/13/16
QP - 3.1	4	Juan J Garza	1/13/16
QP - 3.1	5	Juan J Garza	1/13/16
QP - 5.5	1	Juan J Garza	1/13/16
QP - WI - 9.7	3	Juan J Garza	1/13/16
QP - 7.6	6	Juan J Garza	1/13/16
QP - 7.1	7	Juan J Garza	1/13/16
QP - 7.1	8	Juan J Garza	1/13/16
QP - 7.3	8	Juan J Garza	1/13/16
QP - 7.6	3	Juan J Garza	1/13/16
QP - WI - 4.1	1	Juan J Garza	1/13/16
QP - WI - 10.0	2	Juan J Garza	1/13/16
QP - WI - 16.4	1	Juan J Garza	1/13/16
QP - WI - 16.6	0	Juan J Garza	1/13/16

N/A	N/A	N/A	N/A	N/A	X	X
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N/A	N/A	N/A	N/A	N/A	Complete	X
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QP-2.0-F-3 **SMCI Procedure Training/Review**	

WORK GROUP: Management

NAME: Juan J Garza

Procedure	Revision	Signature	Date
QP-WI-16.7	0	Juan J Garza	1/14/16
QP-WI-16.8	0	Juan J Garza	1/14/16
QP-WI-16.2	1	Juan J Garza	1/14/16
QP-WI-13.1	2	Juan J Garza	1/13/16
QP-WI 16.0	4	Juan J Garza	1/13/16
QP-1.0	3	Juan J Garza	1/13/16
QP-2.3	3	Juan J Garza	1/13/16
QP-2.3	4	Juan J Garza	1/13/16
QP-2.0	4	Juan J Garza	1/13/16
QP-2.0	5	Juan J Garza	1/13/16
QP-16.3	1	Juan J Garza	1/13/16
QP-17.0	4	Juan J Garza	1/13/16
QP-2.1	3	Juan J Garza	1/13/16
QP-3.2	3	Juan J Garza	1/13/16

N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
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N/A	N/A	N/A	N/A	N/A	X	X
N/A	N/A	N/A	N/A	N/A	Complete	X
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N/A	N/A	N/A	N/A	N/A	Complete	X
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N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X

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NAME: Juan J Garza

Procedure	Revision	Signature	Date
QP-6.0	5	Juan J Garza	1/13/16
QP-WI 15.1	2	Juan J Garza	1/13/16
QP-WI 15.2	2	Juan J Garza	1/13/16
QP-WI 15.3	2	Juan J Garza	1/13/16
QP-WI 16.3	2	Juan J Garza	1/13/16
QP-WI-17.3	1	Juan J Garza	1/13/16
QP-WI-VWI-01	1	Juan J Garza	1/13/16
QP-7.4	3	Juan J Garza	1/13/16
QP-1.2	2	Juan J Garza	1/13/16
QP-WI-6.3	1	Juan J Garza	1/13/16
QP-WI-2.0	1	Juan J Garza	1/13/16
QP-WI-12.1	1	Juan J Garza	1/13/16
QP-WI-12.2	1	Juan J Garza	1/13/16
QP-9.2	2	Juan J Garza	1/13/16

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X	X	X	X	X	X	X
X	X	X	X	X	Complete	X
X	X	X	X	X	Complete	X
x	x	x	x	x	Complete	x
X	X	X	X	X	Complete	X
X	X	X	X	X	Complete	X
X	X	X	X	X	X	X
X	X	X	X	X	Complete	X
X	X	X	X	X	Complete	X
X	X	X	X	X	Complete	X
X	X	X	X	X	Complete	X
X	X	X	X	X	X	X
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X	X	X	X	X	Complete	X
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X	X	X	X	X	Complete	X
X	X	X	X	X	X	X
X	X	X	X	X	Complete	X
X	X	X	X	X	Complete	X
X	X	X	X	X	Complete	X
X	X	X	X	X	X	X
X	X	X	X	X	Complete	X
X	X	X	X	X	Complete	X
X	N/A	N/A	N/A	N/A	Complete	X
X	N/A	N/A	N/A	N/A	Complete	X
X	N/A	N/A	N/A	N/A	X	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
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N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X

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NAME: Juan J Garza

Procedure	Revision	Signature	Date
QP-12.1	2	Juan J Garza	1/13/16
QP-WI 3.3	2	Juan J Garza	1/13/16
SMCI QAM	8	Juan J Garza	1/13/16
QP-3.3	0	Juan J Garza	1/14/16
QP-2.3	4	Juan J Garza	1/14/16
QP-7.6	4	Juan J Garza	1/14/16
QP-9.0	9	Juan J Garza	1/13/16
QP-WI-5.1	1	Juan J Garza	1/13/16
QP-WI-10.5	1	Juan J Garza	1/13/16
QP-9.4	4	Juan J Garza	1/13/16
QP-WI-3.2	4	Juan J Garza	1/14/16
QP-WI-5.1	2	Juan J Garza	1/13/16
QP-2.0	5	Juan J Garza	1/13/16
QP-7.2	1	Juan J Garza	1/14/16

N/A	X	X	X	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	Complete
N/A	N/A	N/A	N/A	N/A	Complete	Complete
N/A	N/A	N/A	N/A	N/A	Complete	Complete
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	Complete
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	Complete
N/A	N/A	N/A	N/A	N/A	X	Complete
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	Complete
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
X	N/A	N/A	N/A	X	X	X
X	N/A	N/A	N/A	X	Complete	Complete
Complete	N/A	N/A	N/A	X	Complete	Complete
X	N/A	N/A	N/A	X	Complete	Complete
X	N/A	N/A	N/A	X	Complete	Complete
X	N/A	N/A	N/A	X	Complete	X
X	N/A	N/A	N/A	X	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
X	N/A	N/A	N/A	X	Complete	Complete
X	N/A	N/A	N/A	X	Complete	X
X	N/A	N/A	N/A	X	Complete	Complete
X	N/A	N/A	N/A	X	X	X
X	N/A	N/A	N/A	X	Complete	X
x	N/A	N/A	N/A	x	Complete	x
X	N/A	N/A	N/A	X	X	X
X	X	X	X	X	Complete	X
X	X	X	X	X	Complete	X

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NAME: Juan J Garza

Procedure	Revision	Signature	Date
QP-WI-7.0	1	Juan J Garza	1/14/16
QP-4.0	7	Juan J Garza	1/14/16
QP-13.0	7	Juan J Garza	1/13/16
QP-18.1	2	Juan J Garza	1/14/16
QP-WI-10.2	1	Juan J Garza	1/14/16
QP-WI-10.3	1	Juan J Garza	1/14/16
QP-WI-10.4	1	Juan J Garza	1/14/16
QP-WI-10.8	0	Juan J Garza	1/14/16
QP-WI-16.6	1	Juan J Garza	1/14/16
QP-16.0	5	Juan J Garza	1/13/16
QP-WI-16.6	0	Juan J Garza	1/14/16
QP-WI-16.7	0	Juan J Garza	1/14/16
QP-WI-16.7	1	Juan J Garza	1/14/16
QP-WI-16.8	0	Juan J Garza	1/14/16

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N/A	N/A	N/A	N/A	N/A	Complete	X
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N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	X	X
N/A	N/A	N/A	N/A	N/A	Complete	X
X	X	X	X	X	Complete	X
X	X	X	X	X	Complete	X
X	X	X	X	X	Complete	X
X	X	X	X	X	Complete	X
X	X	X	X	X	Complete	Complete
X	X	X	X	X	Complete	X
Complete	Complete	Complete	Complete	Complete	Complete	Complete
X	X	X	X	X	Complete	X
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X	X	X	X	X	Complete	X
Complete	Complete	Complete	Complete	Complete	Complete	X
X	X	X	X	X	Complete	X
Complete	Complete	Complete	Complete	Complete	Complete	Complete
Complete	Complete	Complete	Complete	Complete	Complete	Complete
X	X	X	X	X	Complete	X
Complete	Complete	Complete	Complete	Complete	Complete	Complete
X	X	X	X	X	Complete	X
X	X	X	X	X	Complete	X
X	X	X	X	X	Complete	X
X	X	X	X	X	Complete	X
X	X	X	X	X	Complete	X
X	X	X	X	X	X	X
N/A	X	X	X	N/A	Complete	X
N/A	X	X	X	N/A	Complete	X
N/A	X	X	X	N/A	Complete	X
N/A	X	X	X	N/A	Complete	X

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WORK GROUP: Management

NAME: Juan J Garza

Procedure	Revision	Signature	Date
QP-WI-16.8	1	Juan J Garza	1/14/16

N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	X	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
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N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	X	X
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N/A	N/A	N/A	N/A	N/A	Complete	X
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N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	X	X
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N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X
N/A	N/A	N/A	N/A	N/A	Complete	X