From: Simon Sorsher
Date: 1/17/2008 9:04:40 AM
To: Simon Sorsher
Subject: Fw: Re: FW: Argonne Exploded View

-------Original Message-------

From: Emil Trakhtenberg
Date: 1/17/2008 8:52:44 AM
To: Simon Sorsher; Marion M. White
Subject: Re: FW: Argonne Exploded View

Simon,
Design of the crate for the SMS pedestal is approved.
Thank you,
Emil

Hi-Tech Manufacturing, Inc.
CNC Milling & Turning
Prototypes & Special Machinery
General Machining & Heliarc Welding Facilities
ISO 9002 Registered
4637 N. 25th Ave., Schiller Park, IL 60176
Phone (847) 678-1616, Fax (847) 678-1617

Visual Weld Inspection Report.

Per Statement of Work # L143-00093 Section 4.1.4.2, Motion System Assembly ## L1430401-100396 and L1430802-200000, contract # 7A-08189, for all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1 M:2004.

Part Print L1430802-200030 sheet 1 of 2. **Quantity: 76 pcs**

Fabrication Stage #1

Features: # 1, 4, 2, 3

Acceptable (Y/N) Y **Initials:** S. S. **Date:** 11-16-07

Verification of completeon of weld visual inspection:

Completed by: Sangen Sorg **Date:** 11-17-07

Weld Certificate

HI-TECH
Manufacturing, Inc.
ISO 9001:2000 certified

This certificate is presented to

Argonne National Laboratory

*Per PO # 7A-08189, part #**L1430802-200030** quantity of **76**pcs*

Procedure: #PQR101
Customer Specification: #AWS D1.1
Weld wire Spec: #AWS A5.28, Type: ER80S-D2, Heat: 83479, Dia: .045
Welder: Tadeusz Sutowski

Have been welded in accordance with the referenced welding specification.

Q.C. Supervisor Mustafa A. Farooqi 11-17-07
Date

Bodycote Taussig Inc.
Metallurgical & Materials Engineers

ISO 9002 ACCREDITED NADCAP

AWS WELDER AND WELDING OPERATOR QUALIFICATION TEST RECORD

WELDER OR WELDING OPERATOR'S NAME: Tadeusz Sutowski I.D. #39
WELDING PROCESS: GMAW MANUAL SEMIAUTO XXX MACHINE
POSITION: 4G - Overhead PROGRESSION: N/A
WPS NO.: AWS Prequalified TYPE OF JOINT TESTED: Single V Groove
BASE METAL SPECIFICATION: ASTM A36, Qualifies All Groups
PIPE DIAMETER: N/A JOINT THICKNESS: 3/8"
QUALIFICATION RANGES: 3/4" Max. Groove/Unlimited Fillet, Flat, Horiz., Overhead

FILLER METAL

SPECIFICATION NO.: AWS A5.18 CLASSIFICATION: ER80S-D2 F NO.: N/A
DIAMETER: .035" FLUX/SHIELDING GAS: AR/O_2 - 92/8 FLOW RATE: 25 cfh
BACKING OR BACK GOUGING METHOD: None

VISUAL INSPECTION RESULTS

APPEARANCE: Satisfactory UNDERCUT: None POROSITY: None

GUIDED BEND TEST RESULTS

TYPE	RESULTS	TYPE	RESULTS
FACE	PASS	ROOT	PASS

FILLET TEST RESULTS

SIZE: N/A FRACTURE TEST: N/A MACROETCH: N/A
LOCATION, NATURE, SIZE OF DISCONTINUITIES NOTED: N/A

TEST CONDUCTED BY: **BODYCOTE TAUSSIG, INC.** LABORATORY NO.: 134477

AWS QC1 LAWRENCE E. SMETANA 79080061 CWI

PER: **Lawrence E. Smetana, CWI** TEST DATE: March 20, 1997

WE, THE UNDERSIGNED, CERTIFY THAT THIS RECORD IS CORRECT AND THAT THE WELDS WERE PREPARED AND TESTED IN ACCORDANCE WITH AWS D1.1- 1996

MANUFACTURER OR CONTRACTOR: Hi-Tech Manufacturing
AUTHORIZED BY/DATE:

THIS CERTIFICATE OR REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL WITHOUT THE WRITTEN APPROVAL OF BODYCOTE TAUSSIG, INC.

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number: 7A-08198- (01)**

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) YES Initial: B.H. MTX QC 16 Date: 6/5/07

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y)N) YES Initial: B.H. MTX QC 16 Date: 6/8/07

B.H. 6/18/07

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) YES Initial: B.H. MTX QC 16 Date: 6/9/07

Verification of completion of weld visual inspection:

Completed By: [signature] MTX QC 16 **Date:** 6/9/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number: 7A-08198- (02)**

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) YES Initial: B.H. MTX QC 16 Date: 6/5/07

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) YES Initial: B.H. MTX QC 16 Date: 6/7/07

Fabrication Stage#3 6/7/07

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) YES Initial: B.H. MTX QC 16 Date: 6/8/07

Verification of completion of weld visual inspection:

Completed By: [signature] MTX QC 16 **Date:** 6/8/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number: 7A-08198- (03)**

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) YES Initial: B.H. MTX QC 16 Date: 6/20/07

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) YES Initial: B.H. MTX QC 16 Date: 6/21/07

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) YES Initial: B.H. MTX QC 16 Date: 6/22/07

Verification of completion of weld visual inspection:

Completed By: [signature] MTX QC 16 **Date:** 6/22/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 Serial Number: 7A-08198- (04)

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y)N) YES Initial: B.H. MTX QC 16 Date: 6/22/07

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y)N) YES Initial: B.H. MTX QC 16 Date: 6/23/07

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y)N) YES Initial: B.H. MTX QC 16 Date: 6/25/07

Verification of completion of weld visual inspection:

Completed By: MTX QC 16 Date: 6/25/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number: 7A-08198- (05)**

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) YES Initial: B.H. (MTX QC 16) Date: 6/27/07

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) YES Initial: B.H. (MTX QC 16) Date: 6/28/07

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) YES Initial: B.H. (MTX QC 16) Date: 7/2/07

Verification of completion of weld visual inspection:

Completed By: [signature] (MTX QC 16) Date: 7/2/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number: 7A-08198- (06)**

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) YES Initial: B.H. MTX QC 16 Date: 6/27/07 .

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) YES Initial: B.H. MTX QC 16 Date: 6/28/07 .

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) YES Initial: B.H. MTX QC 16 Date: 7/2/07 .

Verification of completion of weld visual inspection:

Completed By: MTX QC 16 **Date:** 7/2/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number: 7A-08198- (07)**

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) YES Initial: B.H. Date: 6/27/07.

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) YES Initial: B.H. Date: 7/2/07.

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) YES Initial: B.H. Date: 7/3/07.

Verification of completion of weld visual inspection:

Completed By: [signature] MTX QC 16 **Date:** 7/3/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number: 7A-08198- (08)**

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) YES Initial: B.H. Date: 6/28/07.

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) YES Initial: B.H. Date: 7/2/07.

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) YES Initial: B.H. Date: 7/3/07.

Verification of completion of weld visual inspection:

Completed By: MTX QC 16 Date: 7/3/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number: 7A-08198-(09)**

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) CONFORMS Initial: MTX QC 16 B.H. Date: 7/19/07.

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) CONFORMS Initial: MTX QC 16 B.H. Date: 7/20/07.

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) CONFORMS Initial: MTX QC 16 B.H Date: 7/23/07.

Verification of completion of weld visual inspection:

Completed By: [signature] MTX QC 16 **Date:** 7/23/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex
Manufacturing
Inc.

Metalex
Customized Machinery and Parts
CERTIFIED ISO 9001 QUALITY MANAGEMENT

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number: 7A-08198- (10)**

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) CONFORMS Initial: MTX QC 16 BH. Date: 7/19/07.

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) CONFORMS Initial: MTX QC 16 BH. Date: 7/20/07.

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) CONFORMS Initial: MTX QC 16 BH. Date: 7/23/07.

Verification of completion of weld visual inspection:

Completed By: _____ MTX QC 16 **Date:** 7/23/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex
Manufacturing
Inc.

Metalex
Customized Machinery and Parts
CERTIFIED ISO 9001 QUALITY MANAGEMENT

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number: 7A-08198- (11)**

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) CONFORMS **Initial:** MTX QC 16 B.H. **Date:** 7/19/07 .

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) CONFORMS **Initial:** MTX QC 16 B.H. **Date:** 7/20/07 .

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) CONFORMS **Initial:** MTX QC 16 B.H. **Date:** 7/23/07 .

Verification of completion of weld visual inspection:

Completed By: [signature] MTX QC 16 **Date:** 7/23/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex
Manufacturing
Inc.

Metalex
Customized Machinery and Parts
CERTIFIED ISO 9001 QUALITY MANAGEMENT

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number: 7A-08198-(12)**

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) B.H. **Initial:** MTX QC 16 **Date:** 7/19/07.

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) B.H. **Initial:** MTX QC 16 **Date:** 7/20/07.

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) B.H. **Initial:** MTX QC 16 **Date:** 7/23/07.

Verification of completion of weld visual inspection:

Completed By: [signature] MTX QC 16 **Date:** 7/23/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex
Manufacturing
Inc.

Metalex
Customized Machinery and Parts
CERTIFIED ISO 9001 QUALITY MANAGEMENT

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number: 7A-08198-(13)**

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 7/19/07 .

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 7/24/07 .

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 7/26/07.

Verification of completion of weld visual inspection:

Completed By: [signature] MTX QC 16 **Date:** 7/26/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex
Manufacturing
Inc.

Metalex
Customized Machinery and Parts
CERTIFIED ISO 9001 QUALITY MANAGEMENT

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number: 7A-08198- (14)**

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 7/20/07.

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 7/24/07.

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 7/26/07.

Verification of completion of weld visual inspection:

Completed By: [signature] MTX QC 16 **Date:** 7/26/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex
Manufacturing
Inc.

Metalex
Customized Machinery and Parts
CERTIFIED ISO 9001 QUALITY MANAGEMENT

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number: 7A-08198-(15)**

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 7/23/07.

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 7/24/07.

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 7/26/07.

Verification of completion of weld visual inspection:

Completed By: [signature] MTX QC 16 **Date:** 7/26/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex
Manufacturing
Inc.

Metalex
Customized Machinery and Parts
CERTIFIED ISO 9001 QUALITY MANAGEMENT

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number: 7A-08198-(16)**

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) CONFORMS Initial: B.H. MTX QC 16 Date: 7/20/07.

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) CONFORMS Initial: B.H. MTX QC 16 Date: 7/24/07.

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) CONFORMS Initial: B.H. MTX QC 16 Date: 7/26/07.

Verification of completion of weld visual inspection:

Completed By: [signature] MTX QC 16 **Date:** 7/26/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex
Manufacturing
Inc.

Metalex
Customized Machinery and Parts
CERTIFIED ISO 9001 QUALITY MANAGEMENT

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number: 7A-08198-(17)**

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 7/24/07 .

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 7/26/07 .

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 8/3/07 .

Verification of completion of weld visual inspection:

Completed By: [signature] MTX QC 16 **Date:** 8/3/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex
Manufacturing
Inc.

Metalex
Customized Machinery and Parts
CERTIFIED ISO 9001 QUALITY MANAGEMENT

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number: 7A-08198- (18)**

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 7/24/07.

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 7/26/07.

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 8/3/07.

Verification of completion of weld visual inspection:

Completed By: [signature] MTX QC 16 **Date:** 8/3/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex
Manufacturing
Inc.

Metalex
Customized Machinery and Parts
CERTIFIED ISO 9001 QUALITY MANAGEMENT

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number:** 7A-08198-(19)

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y)N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 7/23/07

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y)N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 7/25/07

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y)N) CONFORMS **Initial:** B.H. MTX QC 16 **Date:** 8/3/07

Verification of completion of weld visual inspection:

Completed By: [signature] MTX QC 16 **Date:** 8/3/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex
Manufacturing
Inc.

Metalex
Customized Machinery and Parts
CERTIFIED ISO 9001 QUALITY MANAGEMENT

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 **Serial Number:** 7A-08198-(20)

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y)N) CONFORMS Initial: B.H. MTX QC 16 Date: 7/24/07

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y)N) CONFORMS Initial: B.H. MTX QC 16 Date: 7/25/07

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y)N) CONFORMS Initial: B.H. MTX QC 16 Date: 8/3/07

Verification of completion of weld visual inspection:

Completed By: [signature] MTX QC 16 **Date:** 8/3/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex
Manufacturing
Inc.

Metalex
Customized Machinery and Parts
CERTIFIED ISO 9001 QUALITY MANAGEMENT

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 Serial Number: 7A-08198-(21)

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) ACCEPT Initial: B.H Date: 8/17/07

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) ACCEPT Initial: B.H Date: 8/17/07

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) ACCEPT Initial: B.H. Date: 9/6/07

Verification of completion of weld visual inspection:

Completed By: [signature] Date: 9/6/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex
Manufacturing
Inc.

Metalex
Customized Machinery and Parts
CERTIFIED ISO 9001 QUALITY MANAGEMENT

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 Serial Number: 7A-08198-(22)

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y)N) ACCEPT Initial: B.H Date: 8/20/07

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y)N) ACCEPT Initial: B.H Date: 8/20/07

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y)N) ACCEPT Initial: B.H Date: 9/5/07

Verification of completion of weld visual inspection:

Completed By: [signature] Date: 9/6/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020

Metalex
Manufacturing
Inc.

Metalex
Customized Machinery and Parts
CERTIFIED ISO 9001 QUALITY MANAGEMENT

Metalex Manufacturing
L1430401-100400 Girder Support
Hi-Tech Purchase Order No. 16185

Visual Weld Inspection Report

Metalex Job: 2007-7558 Serial Number: 7A-08198-(23)

Welding and Visual Welding Inspection Requirements:

Per SOW L143-00093 Section 4.1.4.2: For all welded parts, the welding practice shall conform to the Structural Welding Code, ANSI/AWS D1.1-D1.1M:2004..

Per SOW L143-00093 Section 4.1.4.2.2: All structural welds shall be visually inspected as defined in section 6.9 of the Structural Welding Code. The contractor shall certify that the welds were inspected and were acceptable.

Part Print L1430401-100400 sheet 1 of 3.

Fabrication Stage#1

Features: W1 and W2

Acceptable (Y/N) ACCEPT Initial: B.H. Date: 8/22/07

Fabrication Stage#2

Features: W3, W4 and W5

Acceptable (Y/N) ACCEPT Initial: B.H. Date: 8/22/07

Fabrication Stage#3

Features: W6, W7, W8, W9, W10, W11 and W12

Acceptable (Y/N) ACCEPT Initial: B.H. Date: 9/4/07

Verification of completion of weld visual inspection:

Completed By: _____ Date: 9/4/07

5750 Cornell Road • Blue Ash Industrial Park • Cincinnati, OH 45242
Phone (513) 489-0507 • Fax (513) 489-1020