DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection

Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 69.25B

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

Location: Changxing Island, Shanghai, China **Report No:** NCR-000811
Prime Contractor: American Bridge/Fluor Enterprises, a JV **Date:** 23-Jul-2010
Submitting Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0773

Type of problem:

Welding	☑	**Concrete**	☐	**Other**	☐	
Welding	☐	**Curing**	☐	**Procedural**	☐	**Bridge No:** 34-0006
Joint fit-up	☐	**Coating**	☐	**Other**	☐	**Component:** Lift 13, EP3019A, SP3083A
Procedural	☑	**Procedural**	☐	**Description:**		

Reference Description: Welded cope holes on EP3019A, and SP3083A

Description of Non-Conformance:

During the Caltrans Quality Assurance in-process observations of the fabrication of Edge Plate EP3019A, and SP3083A, this Quality Assurance Inspector (QA) discovered the following issue:

-ZPMC personnel done welding on Cope Hole area of Edge plate and Side plate, non Seismic Performance Critical Material (NON SPCM).

-The effected Edge plate identified as EP3019A (PL3213C) and stiffeners (RS3157B, RS3757D, RS3167A, RS3167B,)

- The effected Side plate identified as SP3083A (PL3264A) and stiffeners (RS3192A, RS3192D, RS3192C, RS3192N,)

-The welding has been done at all Cope Hole area in both plates, but as per drawing no welding on cope hole area.

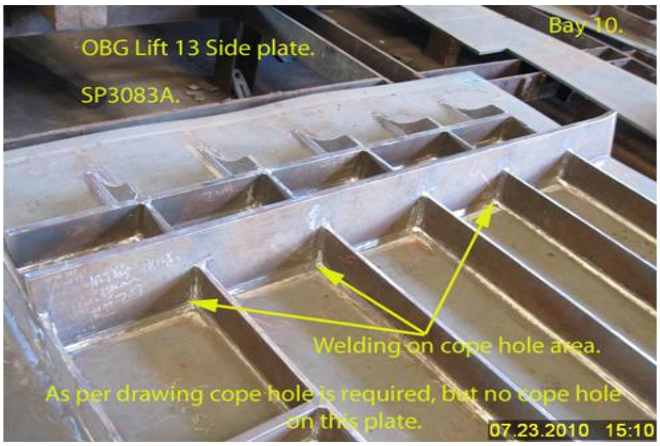
-The Material thickness is 12 mm.

-This Edge Plate and Side plate are located in Sub assembly Bay#10.

For further information, please see the attached pictures below.

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 2)



Applicable reference:
Drawing No- Sheet No- EP3019 and SP3083

AWS D1.5-2002 Section 3.1.5; "Welds shall be prohibited on the work except as follows:

(2) All welds detailed on approved shop drawings
(3) Repair welds authorized by this code
(4) Other welds approved by the Engineer

AWS D1.5-2002 Section 6.5.1; "The Inspector shall make certain that the size, length, and location of all welds conform to the requirements of this code and to the detail drawings and that no unspecified welds have been added without approval".

Who discovered the problem: Shailesh Gaikwad.
Name of individual from Contractor notified: Sen Jian
Time and method of notification: 15:00 hours, 07-23-2010, Verbal
Name of Caltrans Engineer notified: Laraine Woo
Time and method of notification: 8:30_7-24-10_Email
QC Inspector's Name: Sun Tian Liang
Was QC Inspector aware of the problem: ☐ **Yes** ☑ **No**
Contractor's proposal to correct the problem:
NA
Comments:
This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh,(818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Devey,Jim	SMR
Reviewed By:	Wahbeh,Mazen	SMR

DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge
333 Burma Road
Oakland CA 94607
Tel: Fax:

NON-CONFORMANCE REPORT TRANSMITTAL

To:	AMERICAN BRIDGE/FLUOR, A JV 375 BURMA ROAD OAKLAND CA 95607	**Date:**	27-Jul-2010
		Contract No:	04-0120F4 04-SF-80-13.2 / 13.9
Dear:	Mr. Charles Kanapicki	**Job Name:**	SAS Superstructure
Attention:	Mr. Thomas Nilsson Project/Fabrication Manager	**Document No:**	05.03.06-000768
Subject:	NCR No. ZPMC-0773		

Reference Description: Welded cope holes on EP3019A, and SP3083A

The attached Non-Conformance Report describes an occurrence where the contractor did not comply with a requirement of the contract document as indicated below:

- ☑ Material or Workmanship not in conformance with contract documents.
- ☑ Quality Control (QC) not performed in conformance with contract documents.
- ☐ Recurring QC issue that constitutes a systematic problem in quality control.
- ☐ Non-Conformance Resolved.

Material Location: OBG **Lift:** 13

Remarks:

During the Caltrans Quality Assurance in-process observations of the fabrication of edge plate ,EP3019A, and side plate, SP3083A, this Quality Assurance Inspector (QA) discovered the following issue:

-ZPMC personnel welded on cope hole area of edge plate and side plate, non seismic performance critical material (NON SPCM).

-The affected Edge plate identified as EP3019A (PL3213C) and stiffeners (RS3157B, RS3757D, RS3167A, RS3167B)

- The affected side plate identified as SP3083A (PL3264A) and stiffeners (RS3192A, RS3192D, RS3192C, RS3192N,)

-The welding has been done at all cope hole area in both plates, but as per the Shop Drawings, no welding shall be done on cope hole area.

-The Material thickness is 12 mm.

-This edge plate and side plate are located in Bay No. 10.

Action Required and/or Action Taken:

Propose a resolution for the identified non-conformance with revised procedures to prevent future occurrences. A response for the resolution of this issue is expected within 7 days.

Transmitted by: Laraine Woo Transportation Engineer

Attachments: ZPMC-0773

cc: Rick Morrow, Gary Pursell, Peter Siegenthaler, Stanley Ku, Brian Boal, Jason Tom, Contract Files, Ching Chao, Bill Casey

File: 05.03.06

AMERICAN BRIDGE/FLUOR ENTERPRISES, a JV
P.O. BOX 23223 Oakland, CA 94623
Phone (510) 419-0120 / Fax (510) 839-0666

NCR PROPOSED RESOLUTION

To: CALTRANS - SAS Superstructure
333 Burma Road
Oakland CA 94607

Attention: Siegenthaler, Peter
Resident Engineer

Ref: 05.03.06-000768

Subject: NCR No. ZPMC-0773

Dated: **21-Sep-2010**

Contract No.: 04-0120F4
04-SF-80-13.2 / 13.9

Job Name: SAS Superstructure

Document No.: **ABF-NPR-000786 Rev: 00**

Contractor's Proposed Resolution:

Reference Resolution: ZPMC is providing NDT of the welded over areas to show they are free of defect.

Per the RFI approved in China, snipes and copes welded on these sub assemblies are accepted "as is". ZPMC is providing NDT of the welded over areas to show they are free of defect. ZPMC production is aware that welded copes and snipes are not allowed unless with approval from the Engineer. To prevent future occurrences the ABFJV QCM has met with all lead inspectors on the projects for all areas and it is clear that welded snipes and copes are not acceptable conditions. Based on this, ZPMC requests closure of this NCR.

Submitted by: Ishibashi, Joshua

Attachment(s): ABF-NPR-000786R00;

Caltrans' comments:

Status: AAP

Date: 26-Sep-2010

TC-RFI 126 does not allow the unspecified welds on SP3083A, another RFI needs to be issued or the unspecified welds shall be removed.

Submitted by: Woo, Laraine

Date: 26-Sep-2010

Attachment(s):

ZPMC

No. B-885

LETTER OF RESPONSE

TO: American Bridge/Flour
DATE: 2010-9-18
REGARDING: NCR-000811(ZPMC-0773) NCR-000813(ZPMC-0775)

During the welding, the snipes on stiffeners were welded. As talked with ABF QCM, he agreed to leave these access holes as they were. And an RFI will be sent to department. Based on this and the attached NDT records, ZPMC is requesting closure of these NCRs.

ATTACHMENT:
NCR-000811(ZPMC-0773)
B787-MT-25163
B787-MT-25640
NCR-000813(ZPMC-0775)
B787-MT-25395
B787-MT-25767
B787-MT-25189
B787-MT-25161
B787-MT-26146
B787-MT-26147
B787-MT-26148
B787-MT-26149
B787-MT-26149 R1
B787-MT-26150
B787-MT-26154
B787-MT-26156
B787-MT-26158
B787-MT-25396

9/18/10

Caltrans
DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge
333 Burma Road
Oakland CA 94607
Tel: Fax:

NON-CONFORMANCE REPORT TRANSMITTAL

To: AMERICAN BRIDGE/FLUOR, A JV
375 BURMA ROAD
OAKLAND CA 95607

Date: 27-Jul-2010

Contract No: 04-0120F4
04-SF-80-13.2 / 13.9

Dear: Mr. Charles Kanapicki
Attention: Mr. Thomas Nilsson Project/Fabrication Manager
Subject: NCR No. ZPMC-0773

Job Name: SAS Superstructure
Document No: 05.03.06-000768

Reference Description: Welded cope holes on EP3019A, and SP3083A

The attached Non-Conformance Report describes an occurrence where the contractor did not comply with a requirement of the contract document as indicated below:

- ☑ Material or Workmanship not in conformance with contract documents.
- ☑ Quality Control (QC) not performed in conformance with contract documents.
- ☐ Recurring QC issue that constitutes a systematic problem in quality control.
- ☐ Non-Conformance Resolved.

Material Location: OBG

Remarks: Lift: 13

During the Caltrans Quality Assurance in-process observations of the fabrication of edge plate ,EP3019A, and side plate, SP3083A, this Quality Assurance Inspector (QA) discovered the following issue:

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-The Material thickness is 12 mm.

-This edge plate and side plate are located in Bay No. 10.

Action Required and/or Action Taken:

Propose a resolution for the identified non-conformance with revised procedures to prevent future occurrences. A response for the resolution of this issue is expected within 7 days.

Transmitted by: Lauraine Woo Transportation Engineer
Attachments: ZPMC-0773

cc: Rick Morrow, Gary Pursell, Peter Siegenthaler, Stanley Ku, Brian Boal, Jason Tom, Contract Files, Ching Chao, Bill Casey
File: 05.03.06

02.02;15.04
12 05.03.06-000768.NCT

Received
NCT-000768 27 Jul 10

STATE OF CALIFORNIA--BUSINESS,TRANSPORTACTION AND HOUSING AGENCY

Arnold Schwarzenegger, Governor

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection

Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 69.25B

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

Location: Changxing Island, Shanghai, China
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Submitting Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island

Report No: NCR-000811
Date: 23-Jul-2010
NCR #: ZPMC-0773

Type of problem:

Welding	☑	Concrete	☐	Other	☐
Welding	☐	Curing	☐	Procedural	☐
Joint fit-up	☐	Coating	☐	Other	☐
Procedural	☑	Procedural	☐	Description:	

Bridge No: 34-0006
Component: Lift 13, EP3019A, SP3083A

Reference Description: Welded cope holes on EP3019A, and SP3083A

Description of Non-Conformance:

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-The Material thickness is 12 mm.

-This Edge Plate and Side plate are located in Sub assembly Bay#10.

For further information, please see the attached pictures below.

QUALITY ASSURANCE – NON-CONFORMANCE REPORT

(Continued Page 2 of 2)

Applicable reference:
Drawing No- Sheet No- EP3019 and SP3083

AWS D1.5-2002 Section 3.1.5; "Welds shall be prohibited on the work except as follows:

(2) All welds detailed on approved shop drawings
(3) Repair welds authorized by this code
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AWS D1.5-2002 Section 6.5.1; "The Inspector shall make certain that the size, length, and location of all welds conform to the requirements of this code and to the detail drawings and that no unspecified welds have been added without approval".

Who discovered the problem: Shailesh Gaikwad.
Name of individual from Contractor notified: Sen Jian
Time and method of notification: 15:00 hours, 07-23-2010, Verbal
Name of Caltrans Engineer notified: Laraine Woo
Time and method of notification: 8:30_7-24-10_Email
QC Inspector's Name: Sun Tian Liang
Was QC Inspector aware of the problem: ☐ Yes ☑ No
Contractor's proposal to correct the problem:
NA
Comments:
This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh,(818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Devey,Jim	
Reviewed By:	Wahbeh,Mazen	SMR
		SMR

ZPMC-0773.

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-25163	DATE日期 2010.07.22	PAGE OF页码 1/3	Revision No:-0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	EP3019-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25/14mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
EP3019-001-019				ACC.		100%MT
EP3019-001-020				ACC.		100%MT
EP3019-001-029				ACC.		100%MT
EP3019-001-030				ACC.		100%MT
EP3019-001-023				ACC.		100%MT
EP3019-001-024				ACC.		100%MT
EP3019-001-033				ACC.		100%MT
EP3019-001-034				ACC.		100%MT
EP3019-001-027				ACC.		100%MT
EP3019-001-028				ACC.		100%MT
EP3019-001-037				ACC.		100%MT
EP3019-001-038				ACC.		100%MT
EP3019-001-005				ACC.		100%MT
EP3019-001-006				ACC.		100%MT

EXAMINED BY主探 Cai Xinxin 10.07.22 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 10.07.22 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-25163	DATE日期 2010.07.22	PAGE OF页码 2/3	Revision No:-0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	EP3019-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码 AWS D1.5-2002	ACCEPTANCE STANDARD 接受标准 AWS D1.5-2002	PROCEDURE NO. 程序编号 ZPQC-MT-01	CALIBRATION DUE DATE 仪器校正有效期 Dec. 28ST ,2010
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 PARKER	MODEL NO. 样式编号 B310S	SERIAL NO. 连续编号 5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25/14mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
EP3019-001-007				ACC.		100%MT
EP3019-001-008				ACC.		100%MT
EP3019-001-009				ACC.		100%MT
EP3019-001-010				ACC.		100%MT
EP3019-001-001				ACC.		100%MT
EP3019-001-002				ACC.		100%MT
EP3019-001-003				ACC.		100%MT
EP3019-001-004				ACC.		100%MT
EP3019-001-021				ACC.		100%MT
EP3019-001-022				ACC.		100%MT
EP3019-001-031				ACC.		100%MT
EP3019-001-032				ACC.		100%MT
EP3019-001-025				ACC.		100%MT
EP3019-001-026				ACC.		100%MT

EXAMINED BY主探 Cai Xinxin Cai Xinxin 10.07.22 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Lu Bing 10.07.22 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-25163	DATE日期 2010.07.22	PAGE OF页码 3/3	Revision No:-0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	EP3019-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MANUFACTURER 制造商	PARKER
MODEL NO. 样式编号	B310S	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25/14mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性			ACCEPT 接受	REJECT 拒收	REMARKS 备注
	INDICATION 指示	TYPE 类型	LENGTH IN mm 长度			
EP3019-001-035				ACC.		100%MT
EP3019-001-036				ACC.		100%MT
EP3019-001-039				ACC.		100%MT
AFTER HSR1(B)-8785						
BLANK						

EXAMINED BY主探 Cal Xinxin 10.07.22 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 10.07.22 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC-0773.

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-25640	DATE日期 2010.08.03	PAGE OF页码 1/10	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3083-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70~150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 25/16/12mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3083-001-001				ACC.		100%MT
SP3083-001-002				ACC.		100%MT
SP3083-001-003				ACC.		100%MT
SP3083-001-004				ACC.		100%MT
SP3083-001-005				ACC.		100%MT
SP3083-001-006				ACC.		100%MT
SP3083-001-007				ACC.		100%MT
SP3083-001-008				ACC.		100%MT
SP3083-001-009				ACC.		100%MT
SP3083-001-010				ACC.		100%MT
SP3083-001-011				ACC.		100%MT
SP3083-001-012				ACC.		100%MT
SP3083-001-013				ACC.		100%MT
SP3083-001-014				ACC.		100%MT

EXAMINED BY主探 Cai Xinxin 8.3 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 8.3 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-25640	DATE日期 2010.08.03	PAGE OF页码 2/10	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3083-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 25/16/12mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3083-001-015				ACC.		100%MT
SP3083-001-016				ACC.		100%MT
SP3083-001-017				ACC.		100%MT
SP3083-001-018				ACC.		100%MT
SP3083-001-019				ACC.		100%MT
SP3083-001-020				ACC.		100%MT
SP3083-001-021				ACC.		100%MT
SP3083-001-022				ACC.		100%MT
SP3083-001-023				ACC.		100%MT
SP3083-001-024				ACC.		100%MT
SP3083-001-025				ACC.		100%MT
SP3083-001-026				ACC.		100%MT
SP3083-001-027				ACC.		100%MT
SP3083-001-028				ACC.		100%MT

EXAMINED BY主探 Cai Xinxin Cai Xinxin 8.3 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Xu Bing 8.3 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-25640	DATE日期 2010.08.03	PAGE OF页码 3/10	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3083-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MANUFACTURER 制造商	PARKER
MODEL NO. 样式编号	B310S	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 25/16/12mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3083-001-029				ACC.		100%MT
SP3083-001-030				ACC.		100%MT
SP3083-001-031				ACC.		100%MT
SP3083-001-032				ACC.		100%MT
SP3083-001-033				ACC.		100%MT
SP3083-001-034				ACC.		100%MT
SP3083-001-035				ACC.		100%MT
SP3083-001-036				ACC.		100%MT
SP3083-001-037				ACC.		100%MT
SP3083-001-038				ACC.		100%MT
SP3083-001-039				ACC.		100%MT
SP3083-001-040				ACC.		100%MT
SP3083-001-041				ACC.		100%MT
SP3083-001-042				ACC.		100%MT

EXAMINED BY主探 Cai Xinxin (Cai Xinxin 8.) LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Xu Bing 8.) LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-25640	DATE日期 2010.08.03	PAGE OF页码 4/10	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3083-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 25/16/12mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3083-001-043				ACC.		100%MT
SP3083-001-044				ACC.		100%MT
SP3083-001-045				ACC.		100%MT
SP3083-001-046				ACC.		100%MT
SP3083-001-047				ACC.		100%MT
SP3083-001-048				ACC.		100%MT
SP3083-001-049				ACC.		100%MT
SP3083-001-050				ACC.		100%MT
SP3083-001-051				ACC.		100%MT
SP3083-001-052				ACC.		100%MT
SP3083-001-053				ACC.		100%MT
SP3083-001-054				ACC.		100%MT
SP3083-001-055				ACC.		100%MT
SP3083-001-056				ACC.		100%MT

EXAMINED BY主探 Cai Xinxin 8.03 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 8.3 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-25640	DATE日期 2010.08.03	PAGE OF页码 5/10	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3083-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	ACCEPTANCE STANDARD 接受标准	PROCEDURE NO. 程序编号	CALIBRATION DUE DATE 仪器校正有效期
AWS D1.5-2002	AWS D1.5-2002	ZPQC-MT-01	Dec. 28ST ,2010
EQUIPMENT 设备	MANUFACTURER 制造商	MODEL NO. 样式编号	SERIAL NO. 连续编号
MT YOKE	PARKER	B310S	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 25/16/12mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3083-001-057				ACC.		100%MT
SP3083-001-058				ACC.		100%MT
SP3083-001-059				ACC.		100%MT
SP3083-001-060				ACC.		100%MT
SP3083-001-061				ACC.		100%MT
SP3083-001-062				ACC.		100%MT
SP3083-001-063				ACC.		100%MT
SP3083-001-064				ACC.		100%MT
SP3083-001-065				ACC.		100%MT
SP3083-001-066				ACC.		100%MT
SP3083-001-067				ACC.		100%MT
SP3083-001-068				ACC.		100%MT
SP3083-001-069				ACC.		100%MT
SP3083-001-070				ACC.		100%MT

EXAMINED BY主探 Cai Xinxin 蔡新新 08.03 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Lu Bing 8.3 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

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REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-25640	DATE日期 2010.08.03	PAGE OF页码 6/10	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3083-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 25/16/12mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3083-001-071				ACC.		100%MT
SP3083-001-072				ACC.		100%MT
SP3083-001-073				ACC.		100%MT
SP3083-001-074				ACC.		100%MT
SP3083-001-075				ACC.		100%MT
SP3083-001-076				ACC.		100%MT
SP3083-001-077				ACC.		100%MT
SP3083-001-078				ACC.		100%MT
SP3083-001-079				ACC.		100%MT
SP3083-001-080				ACC.		100%MT
SP3083-001-081				ACC.		100%MT
SP3083-001-082				ACC.		100%MT
SP3083-001-083				ACC.		100%MT
SP3083-001-084				ACC.		100%MT

EXAMINED BY主探 Cai Xinxin 8.03 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 8.03 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-25640	DATE日期 2010.08.03	PAGE OF页码 7/10	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3083-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码 AWS D1.5-2002	ACCEPTANCE STANDARD 接受标准 AWS D1.5-2002	PROCEDURE NO. 程序编号 ZPQC-MT-01	CALIBRATION DUE DATE 仪器校正有效期 Dec. 28ST ,2010
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 PARKER	MODEL NO. 样式编号 B310S	SERIAL NO. 连续编号 5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70~150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 25/16/12mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3083-001-085				ACC.		100%MT
SP3083-001-086				ACC.		100%MT
SP3083-001-087				ACC.		100%MT
SP3083-001-088				ACC.		100%MT
SP3083-001-089				ACC.		100%MT
SP3083-001-090				ACC.		100%MT
SP3083-001-091				ACC.		100%MT
SP3083-001-092				ACC.		100%MT
SP3083-001-093				ACC.		100%MT
SP3083-001-094				ACC.		100%MT
SP3083-001-095				ACC.		100%MT
SP3083-001-096				ACC.		100%MT
SP3083-001-097				ACC.		100%MT
SP3083-001-098				ACC.		100%MT

EXAMINED BY主探 Cai Xinxin LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-25640	DATE日期 2010.08.03	PAGE OF页码 8/10	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3083-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 25/16/12mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3083-001-099				ACC.		100%MT
SP3083-001-100				ACC.		100%MT
SP3083-001-101				ACC.		100%MT
SP3083-001-102				ACC.		100%MT
SP3083-001-103				ACC.		100%MT
SP3083-001-104				ACC.		100%MT
SP3083-001-105				ACC.		100%MT
SP3083-001-106				ACC.		100%MT
SP3083-001-107				ACC.		100%MT
SP3083-001-108				ACC.		100%MT
SP3083-001-109				ACC.		100%MT
SP3083-001-110				ACC.		100%MT
SP3083-001-111				ACC.		100%MT
SP3083-001-112				ACC.		100%MT

EXAMINED BY主探 Cai Xinxin 08.03 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Lu Bing 08.3 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-25640	DATE日期 2010.08.03	PAGE OF页码 9/10	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3083-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码 AWS D1.5-2002	ACCEPTANCE STANDARD 接受标准 AWS D1.5-2002	PROCEDURE NO. 程序编号 ZPQC-MT-01	CALIBRATION DUE DATE 仪器校正有效期 Dec. 28ST ,2010
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 PARKER	MODEL NO. 样式编号 B310S	SERIAL NO. 连续编号 5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 25/16/12mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3083-001-113				ACC.		100%MT
SP3083-001-114				ACC.		100%MT
SP3083-001-115				ACC.		100%MT
SP3083-001-116				ACC.		100%MT
SP3083-001-117				ACC.		100%MT
SP3083-001-118				ACC.		100%MT
SP3083-001-119				ACC.		100%MT
SP3083-001-120				ACC.		100%MT
SP3083-001-121				ACC.		100%MT
SP3083-001-122				ACC.		100%MT
SP3083-001-123				ACC.		100%MT
SP3083-001-124				ACC.		100%MT
SP3083-001-125				ACC.		100%MT
SP3083-001-126				ACC.		100%MT

EXAMINED BY主探 Cai Xinxin Cai Xinxin 8.03 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Xu Bing 8.3 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-25640	DATE日期 2010.08.03	PAGE OF页码 10/10	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用户:	CALTRANS
DRAWING NO. 图号:	SP3083-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码 AWS D1.5-2002	ACCEPTANCE STANDARD 接受标准 AWS D1.5-2002	PROCEDURE NO. 程序编号 ZPQC-MT-01	CALIBRATION DUE DATE 仪器校正有效期 Dec. 28ST ,2010
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 PARKER	MODEL NO. 样式编号 B310S	SERIAL NO. 连续编号 5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 25/16/12mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3083-001-127				ACC.		100%MT
SP3083-001-128				ACC.		100%MT
SP3083-001-129				ACC.		100%MT
SP3083-001-130				ACC.		100%MT
SP3083-001-131				ACC.		100%MT
SP3083-001-132				ACC.		100%MT
SP3083-001-133				ACC.		100%MT
SP3083-001-134				ACC.		100%MT
SP3083-001-135				ACC.		100%MT
SP3083-001-136				ACC.		100%MT
SP3083-001-137				ACC.		100%MT
AFTER HSR1(B)-8858						
BLANK						

EXAMINED BY主探 Cai Xinxin Cai Xinxin 8.3 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Lu Bing 8.3. LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge
333 Burma Road
Oakland CA 94607
Tel: Fax:

NON-CONFORMANCE REPORT TRANSMITTAL

To:	AMERICAN BRIDGE/FLUOR, A JV 375 BURMA ROAD OAKLAND CA 95607	Date:	27-Jul-2010
		Contract No:	04-0120F4 04-SF-80-13.2 / 13.9
Dear:	Mr. Charles Kanapicki	Job Name:	SAS Superstructure
Attention:	Mr. Thomas Nilsson Project/Fabrication Manager	Document No:	05.03.06-000769
Subject:	NCR No. ZPMC-0775		

Reference Description: Cope Access Holes welded over on Lift 13 Sub Assembly Components

The attached Non-Conformance Report describes an occurrence where the contractor did not comply with a requirement of the contract document as indicated below:

- ☑ Material or Workmanship not in conformance with contract documents.
- ☑ Quality Control (QC) not performed in conformance with contract documents.
- ☐ Recurring QC issue that constitutes a systematic problem in quality control.
- ☐ Non-Conformance Resolved.

Material Location: OBG **Lift:** 13

Remarks:

Quality Assurance in-process observations of the fabrication of edge plates and side plates in Bay No. 10 discovered the following issue:

-ZPMC personnel have welded over cope hole and snipe areas on various Lift 13 edge and side plates.

-Edge Plates identified are as follows: EP3018C, EP3025A and ~~EP3026A.~~

-Side Plates identified are as follows: SP3081, ~~SP3115A, SP3113A, SP3109A, SP3078A~~ and ~~SP3110A.~~

-According to the approved shop drawings, cope hole and/or snipes are required in the areas where the panel stiffeners intersect the panel diaphragms.

-All above mentioned panels are located in Bay No. 10.

Action Required and/or Action Taken:

Propose a resolution for the identified non-conformance with revised procedures to prevent future occurrences. A response for the resolution of this issue is expected within 7 days.

Transmitted by: Laraine Woo Transportation Engineer

Attachments: ZPMC-0775

cc: Rick Morrow, Gary Pursell, Peter Siegenthaler, Stanley Ku, Brian Boal, Jason Tom, Contract Files, Ching Chao, Bill Casey

File: 05.03.06

STATE OF CALIFORNIA--BUSINESS,TRANSPORTACTION AND HOUSING AGENCY

Arnold Schwarzenegger, Governor

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection

Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: 69.25B

QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

Location: Changxing Island, Shanghai, China
Prime Contractor: American Bridge/Fluor Enterprises, a JV
Submitting Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC),.Changxing Island

Report No: NCR-000813
Date: 26-Jul-2010
NCR #: ZPMC-0775

Type of problem:

Welding	☑	**Concrete**	☐	**Other**	☐
Welding	☐	**Curing**	☐	**Procedural**	☐
Joint fit-up	☐	**Coating**	☐	**Other**	☐
Procedural	☑	**Procedural**	☐	**Description:**	

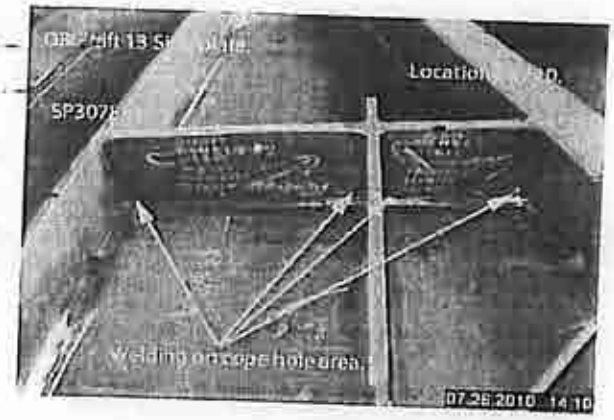
Bridge No: 34-0006
Component: Lift 13 Various Edge /Side Plates

Reference Description: Cope Access Holes welded over on Lift 13 Sub Assembly Components

Description of Non-Conformance:

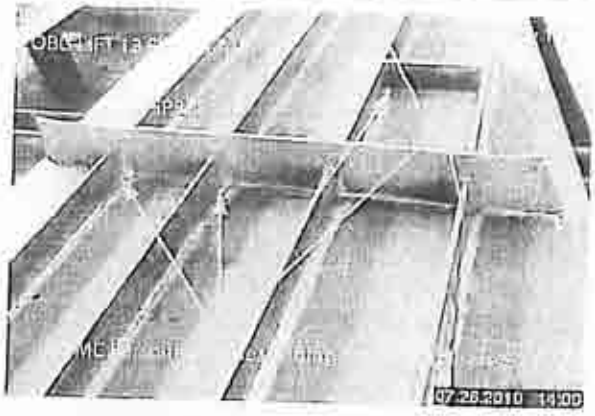
Quality Assurance in-process observations of the fabrication of Edge Plates and Side Plates in Tower Bay 10 discovered the following issue:

-ZPMC personnel have welded over cope hole and snipe areas on various Lift 13 Edge and Side Plates.
-Edge Plates identified are as follows: EP3018C, EP3025A and EP3026A.
-Side Plates identified are as follows: SP3081, SP3115A, SP3113A, SP3109A, SP3078A and SP3110A.
-According to the approved shop drawings, cope hole and/or snipes are required in the areas where the panel stiffeners intersect the panel diaphragms.
-All above mentioned panels are located in Tower Bay#10.
For further information, please see the attached pictures below.



QUALITY ASSURANCE – NON-CONFORMANCE REPORT

(Continued Page 2 of 2)



Applicable reference:

Drawing No- Sheet No- EP3018C, EP3025A, EP3026A, SP3081, SP3115A, SP3113A, SP3109A, SP3078A and SP3110A.

AWS D1.5-2002 Section 3.1.5; "Welds shall be prohibited on the work except as follows:

(2) All welds detailed on approved shop drawings
(3) Repair welds authorized by this code
(4) Other welds approved by the Engineer

AWS D1.5-2002 Section 6.5.1; "The Inspector shall make certain that the size, length, and location of all welds conform to the requirements of this code and to the detail drawings and that no unspecified welds have been added without approval".

Who discovered the problem: Shailesh Gaikwad / Robin Sharma
Name of individual from Contractor notified: Shen Jian
Time and method of notification: 14:00 hours_07/26/2010_Verbal
Name of Caltrans Engineer notified: Laraine Woo
Time and method of notification: 13:30 hours_7/27/10_Email
QC Inspector's Name: Sun Tian Liang
Was QC Inspector aware of the problem: ☐ Yes ☑ No
Contractor's proposal to correct the problem:
NA
Comments:
This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh,(818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Devey,Jim	SMR
Reviewed By:	Wahbeh,Mazen	SMR

PMC-0775

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-25395	DATE日期 2010.07.26	PAGE OF页码 1/2	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	EP3018-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
EP3018-001-003				ACC.		100%MT
EP3018-001-004				ACC.		100%MT
EP3018-001-009				ACC.		100%MT
EP3018-001-010				ACC.		100%MT
EP3018-001-013				ACC.		100%MT
EP3018-001-014				ACC.		100%MT
EP3018-001-015				ACC.		100%MT
EP3018-001-016				ACC.		100%MT
EP3018-001-021				ACC.		100%MT
EP3018-001-022				ACC.		100%MT
EP3018-001-025				ACC.		100%MT
EP3018-001-026				ACC.		100%MT
EP3018-001-027				ACC.		100%MT
EP3018-001-028				ACC.		100%MT

EXAMINED BY主探 Cai Xinxin 10.07.26 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Lu Bing 07 26 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-25395	DATE日期 2010.07.26	PAGE OF页码 2/2	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	EP3018-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
EP3018-001-029				ACC.		100%MT
EP3018-001-030				ACC.		100%MT
EP3018-001-031				ACC.		100%MT
EP3018-001-032				ACC.		100%MT
AFTER HSR1(B)-8788						
BLANK						

EXAMINED BY主探 Cai Xinxin Cai Xinxin 2010.07.26 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Lu Bing 2010.07.26 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

zpmc-0775

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-25767	DATE日期 2010.08.05	PAGE OF页码 1/3	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	EP3016-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码 AWS D1.5-2002	ACCEPTANCE STANDARD 接受标准 AWS D1.5-2002	PROCEDURE NO. 程序编号 ZPQC-MT-01	CALIBRATION DUE DATE 仪器校正有效期 Dec. 28ST ,2010
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 PARKER	MODEL NO. 样式编号 B310S	SERIAL NO. 连续编号 5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 22/18mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
EP3016-001-001				ACC.		100%MT
EP3016-001-002				ACC.		100%MT
EP3016-001-003				ACC.		100%MT
EP3016-001-004				ACC.		100%MT
EP3016-001-005				ACC.		100%MT
EP3016-001-006				ACC.		100%MT
EP3016-001-007				ACC.		100%MT
EP3016-001-008				ACC.		100%MT
EP3016-001-009				ACC.		100%MT
EP3016-001-010				ACC.		100%MT
EP3016-001-011				ACC.		100%MT
EP3016-001-012				ACC.		100%MT
EP3016-001-013				ACC.		100%MT
EP3016-001-014				ACC.		100%MT

EXAMINED BY主探 Xu Bing Cai Xin Xin 10-8-05 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Xu Bing 10.8.05 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC-075

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-25189	DATE日期 2010.07.24	PAGE OF页码 1/1	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	EP3026 THE 13 LIFTING EDGE PLATE	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
EP3026-001-023				ACC.		100%MT
EP3026-001-024				ACC.		100%MT
AFTER HSR1(B)-8830						
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EXAMINED BY主探 Cai xin xin 07.24 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 07.24 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC-0175

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-25161	DATE日期 2010.07.22	PAGE OF页码 1/1	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3078C-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	ACCEPTANCE STANDARD 接受标准	PROCEDURE NO. 程序编号	CALIBRATION DUE DATE 仪器校正有效期
AWS D1.5-2002	AWS D1.5-2002	ZPQC-MT-01	Dec. 28ST ,2010
EQUIPMENT 设备	MANUFACTURER 制造商	MODEL NO. 样式编号	SERIAL NO. 连续编号
MT YOKE	PARKER	B310S	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70~150mm
MATERIAL TO BE EXAMINED 检测材料	√WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3078C-001-001				ACC.		100%MT
SP3078C-001-002				ACC.		100%MT
SP3078C-001-004				ACC.		100%MT
SP3078C-001-005				ACC.		100%MT
SP3078C-001-006				ACC.		100%MT
SP3078C-001-007				ACC.		100%MT
SP3078C-001-008				ACC.		100%MT
SP3078C-001-009				ACC.		100%MT
SP3078C-001-010				ACC.		100%MT
SP3078C-001-011				ACC.		100%MT
SP3078C-001-003				ACC.		100%MT
AFTER HSR1(B)-8850						
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EXAMINED BY主探 Cai Xinxin Cai Xinxin 07.22 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Lu Bing 07.22 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC-0133

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26146	DATE日期 2010.08.15	PAGE OF页码 1/2	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3113-001 OBG-13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3113-001-001				ACC.		100%MT
SP3113-001-002				ACC.		100%MT
SP3113-001-003				ACC.		100%MT
SP3113-001-004				ACC.		100%MT
SP3113-001-005				ACC.		100%MT
SP3113-001-006				ACC.		100%MT
SP3113-001-007				ACC.		100%MT
SP3113-001-008				ACC.		100%MT
SP3113-001-009				ACC.		100%MT
SP3113-001-010				ACC.		100%MT
SP3113-001-011				ACC.		100%MT
SP3113-001-012				ACC.		100%MT
SP3113-001-013				ACC.		100%MT
SP3113-001-014				ACC.		100%MT

EXAMINED BY主探 Xu Bing 08.15 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 08.15 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26146	DATE日期 2010.08.15	PAGE OF页码 2/2	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3113-001 OBG-13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3113-001-015				ACC.		100%MT
SP3113-001-016				ACC.		100%MT
SP3113-001-017				ACC.		100%MT
SP3113-001-018				ACC.		100%MT
AFTER HSR1(B)-8861						
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EXAMINED BY主探 Xu Bing LEVEL - II SIGN 签名 / DATE日期 Xu Bing 8.15	REVIEWED BY 审核 LEVEL-II SIGN / DATE日期 8.15
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26147	DATE日期 2010.08.15	PAGE OF页码 1/2	Revision No.: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3113-001- OBG-13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MANUFACTURER 制造商	PARKER
MODEL NO. 样式编号	B310S	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70~150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3113-001-019				ACC.		100%MT
SP3113-001-020				ACC.		100%MT
SP3113-001-021				ACC.		100%MT
SP3113-001-022				ACC.		100%MT
SP3113-001-023				ACC.		100%MT
SP3113-001-024				ACC.		100%MT
SP3113-001-025				ACC.		100%MT
SP3113-001-026				ACC.		100%MT
SP3113-001-027				ACC.		100%MT
SP3113-001-028				ACC.		100%MT
SP3113-001-029				ACC.		100%MT
SP3113-001-030				ACC.		100%MT
SP3113-001-031				ACC.		100%MT
SP3113-001-032				ACC.		100%MT

EXAMINED BY主探 Xu BING Xu Bing 8.15 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Cai Zhuan 08.15 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26147	DATE日期 2010.08.15	PAGE OF页码 2/2	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3113-001- OBG-13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3113-001-033				ACC.		100%MT
SP3113-001-034				ACC.		100%MT
SP3113-001-035				ACC.		100%MT
SP3113-001-036				ACC.		100%MT
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EXAMINED BY主探 Xu Bing LEVEL - II SIGN 签名 / DATE日期 8.15	REVIEWED BY 审核 LEVEL-II SIGN / DATE日期 8.15
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26148	DATE日期 2010.08.15	PAGE OF页码 1/2	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3113-001 OBG-13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3113-001-037				ACC.		100%MT
SP3113-001-038				ACC.		100%MT
SP3113-001-110				ACC.		100%MT
SP3113-001-111				ACC.		100%MT
SP3113-001-113				ACC.		100%MT
SP3113-001-114				ACC.		100%MT
SP3113-001-116				ACC.		100%MT
SP3113-001-117				ACC.		100%MT
SP3113-001-055				ACC.		100%MT
SP3113-001-056				ACC.		100%MT
SP3113-001-057				ACC.		100%MT
SP3113-001-058				ACC.		100%MT
SP3113-001-059				ACC.		100%MT
SP3113-001-060				ACC.		100%MT

EXAMINED BY主探 Xu Bing Lu Bing 8.15 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Lei Linda 8.15 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26148	DATE日期 2010.08.15	PAGE OF页码 2/2	Revision No: 0-

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3113-001 OBG-13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3113-001-061				ACC.		100%MT
SP3113-001-062				ACC.		100%MT
SP3113-001-067				ACC.		100%MT
SP3113-001-068				ACC.		100%MT
AFTER HSR1(B)-8861						
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EXAMINED BY主探 Xu Bing Xu Bing 8.13 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Cai Xinlin 8.13 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26149	DATE日期 2010.08.15	PAGE OF页码 1/2	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3113 THE 13 LIFTING SIDE PLATE	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3113-001-096				ACC.		100%MT
SP3113-001-097				ACC.		100%MT
SP3113-001-108				ACC.		100%MT
SP3113-001-109				ACC.		100%MT
SP3113-001-074				ACC.		100%MT
SP3113-001-075				ACC.		100%MT
SP3113-001-039				ACC.		100%MT
SP3113-001-040				ACC.		100%MT
SP3113-001-041				ACC.		100%MT
SP3113-001-042				ACC.		100%MT
SP3113-001-043				ACC.		100%MT
SP3113-001-044				ACC.		100%MT
SP3113-001-045				ACC.		100%MT
SP3113-001-046				ACC.		100%MT

EXAMINED BY主探 Xu Bing 8.15 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 8.15 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26149	DATE日期 2010.08.15	PAGE OF页码 2/2	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3113 THE 13 LIFTING SIDE PLATE	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3113-001-047				ACC.		100%MT
SP3113-001-048				ACC.		100%MT
SP3113-001-049				ACC.		100%MT
SP3113-001-050	1	LONGITUDINAL CRACK	60		REJ.	Y=40
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EXAMINED BY主探 Xu Bing Xu Bing 8.15 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Lin Lin 8.15 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26149R1	DATE日期 2010.08.27	PAGE OF页码 1/1	Revision No: 0-

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3113 THE 13 LIFTING SIDE PLATE	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70~150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3113-001-50	1R1			ACC.		100%MT
AFTER B-CWR1800REV0						
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EXAMINED BY主探 Xu Bing Xu Bing 08.27 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Cai Lin Lin 8.27 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26150	DATE日期 2010.08.15	PAGE OF页码 1/2	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3113-001 OBG-13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 25/16mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3113-001-051				ACC.		100%MT
SP3113-001-052				ACC.		100%MT
SP3113-001-053				ACC.		100%MT
SP3113-001-054				ACC.		100%MT
SP3113-001-063				ACC.		100%MT
SP3113-001-064				ACC.		100%MT
SP3113-001-065				ACC.		100%MT
SP3113-001-066				ACC.		100%MT
SP3113-001-092				ACC.		100%MT
SP3113-001-093				ACC.		100%MT
SP3113-001-094				ACC.		100%MT
SP3113-001-095				ACC.		100%MT
SP3113-001-101				ACC.		100%MT
SP3113-001-102				ACC.		100%MT

EXAMINED BY主探 Xu Bing LEVEL - II SIGN 签名 / DATE日期 08.15	REVIEWED BY 审核 Cai Lan Lan 08.15 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26150	DATE日期 2010.08.15	PAGE OF页码 2/2	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3113-001 OBG-13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 25/16mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3113-001-103				ACC.		100%MT
SP3113-001-104				ACC.		100%MT
SP3113-001-070				ACC.		100%MT
SP3113-001-071				ACC.		100%MT
AFTER HSR1(B)-8881						
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EXAMINED BY主探 Xu Bing 8.15 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 8.15 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-26154	DATE日期 2010.08.26	PAGE OF页码 1/5	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3110-001 13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70~150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3110-001-001				ACC		100%MT
SP3110-001-002				ACC		100%MT
SP3110-001-003				ACC		100%MT
SP3110-001-004				ACC		100%MT
SP3110-001-005				ACC		100%MT
SP3110-001-006				ACC		100%MT
SP3110-001-007				ACC		100%MT
SP3110-001-008				ACC		100%MT
SP3110-001-009				ACC		100%MT
SP3110-001-010				ACC		100%MT
SP3110-001-011				ACC		100%MT
SP3110-001-012				ACC		100%MT
SP3110-001-013				ACC		100%MT
SP3110-001-014				ACC		100%MT

EXAMINED BY主探 CaiXinxin 8-26 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 8-26 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26154	DATE日期 2010.08.26	PAGE OF页码 2/5	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3110-001 13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MANUFACTURER 制造商	PARKER
MODEL NO. 样式编号	B310S	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3110-001-015				ACC		100%MT
SP3110-001-016				ACC		100%MT
SP3110-001-017				ACC		100%MT
SP3110-001-018				ACC		100%MT
SP3110-001-019				ACC		100%MT
SP3110-001-020				ACC		100%MT
SP3110-001-021				ACC		100%MT
SP3110-001-022				ACC		100%MT
SP3110-001-023				ACC		100%MT
SP3110-001-024				ACC		100%MT
SP3110-001-025				ACC		100%MT
SP3110-001-026				ACC		100%MT
SP3110-001-027				ACC		100%MT
SP3110-001-028				ACC		100%MT

EXAMINED BY主探 CaiXinxin LEVEL - II SIGN 签名 / DATE日期 08.26	REVIEWED BY 审核 LEVEL-II SIGN / DATE日期 08.26
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26154	DATE日期 2010.08.26	PAGE OF页码 3/5	Revision No: 0-

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3110-001 13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码 AWS D1.5-2002	ACCEPTANCE STANDARD 接受标准 AWS D1.5-2002	PROCEDURE NO. 程序编号 ZPQC-MT-01	CALIBRATION DUE DATE 仪器校正有效期 Dec. 28ST ,2010
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 PARKER	MODEL NO. 样式编号 B310S	SERIAL NO. 连续编号 5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3110-001-029				ACC		100%MT
SP3110-001-030				ACC		100%MT
SP3110-001-031				ACC		100%MT
SP3110-001-032				ACC		100%MT
SP3110-001-033				ACC		100%MT
SP3110-001-034				ACC		100%MT
SP3110-001-035				ACC		100%MT
SP3110-001-036				ACC		100%MT
SP3110-001-037				ACC		100%MT
SP3110-001-038				ACC		100%MT
SP3110-001-039				ACC		100%MT
SP3110-001-040				ACC		100%MT
SP3110-001-041				ACC		100%MT
SP3110-001-042				ACC		100%MT

EXAMINED BY主探 CaiXinxin LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

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REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26154	DATE日期 2010.08.26	PAGE OF页码 4/5	Revision No: 0-

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3110-001 13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70~150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3110-001-047				ACC		100%MT
SP3110-001-048				ACC		100%MT
SP3110-001-053				ACC		100%MT
SP3110-001-054				ACC		100%MT
SP3110-001-059				ACC		100%MT
SP3110-001-060				ACC		100%MT
SP3110-001-043				ACC		100%MT
SP3110-001-044				ACC		100%MT
SP3110-001-045				ACC		100%MT
SP3110-001-046				ACC		100%MT
SP3110-001-049				ACC		100%MT
SP3110-001-050				ACC		100%MT
SP3110-001-051				ACC		100%MT
SP3110-001-052				ACC		100%MT

EXAMINED BY主探 CaiXinxin 08.26 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 08.26 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

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REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26154	DATE日期 2010.08.26	PAGE OF页码 5/5	Revision No: 0.

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3110-001 13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码 AWS D1.5-2002	ACCEPTANCE STANDARD 接受标准 AWS D1.5-2002	PROCEDURE NO. 程序编号 ZPQC-MT-01	CALIBRATION DUE DATE 仪器校正有效期 Dec. 28ST ,2010
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 PARKER	MODEL NO. 样式编号 B310S	SERIAL NO. 连续编号 5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3110-001-056				ACC		100%MT
SP3110-001-057				ACC		100%MT
SP3110-001-058				ACC		100%MT
SP3110-001-060				ACC		100%MT
SP3110-001-061				ACC		100%MT
SP3110-001-062				ACC		100%MT
SP3110-001-063				ACC		100%MT
SP3110-001-064				ACC		100%MT
AFTER HSR1(B)-8860						
BLANK						

EXAMINED BY主探 CaiXinxin LEVEL - II SIGN 签名 / DATE日期 8.26	REVIEWED BY 审核 LEVEL-II SIGN / DATE日期 8.26
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

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REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26156	DATE日期 2010.08.26	PAGE OF页码 1/7	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3109-001 13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25/14mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3109-001-001				ACC		100%MT
SP3109-001-002				ACC		100%MT
SP3109-001-003				ACC		100%MT
SP3109-001-004				ACC		100%MT
SP3109-001-005				ACC		100%MT
SP3109-001-006				ACC		100%MT
SP3109-001-007				ACC		100%MT
SP3109-001-008				ACC		100%MT
SP3109-001-009				ACC		100%MT
SP3109-001-010				ACC		100%MT
SP3109-001-011				ACC		100%MT
SP3109-001-012				ACC		100%MT
SP3109-001-013				ACC		100%MT
SP3109-001-014				ACC		100%MT

EXAMINED BY主探 CaiXinxin 8.26 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 8 26 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26156	DATE日期 2010.08.26	PAGE OF页码 2/7	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3109-001 13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25/14mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3109-001-070				ACC		100%MT
SP3109-001-071				ACC		100%MT
SP3109-001-072				ACC		100%MT
SP3109-001-073				ACC		100%MT
SP3109-001-074				ACC		100%MT
SP3109-001-075				ACC		100%MT
SP3109-001-076				ACC		100%MT
SP3109-001-077				ACC		100%MT
SP3109-001-078				ACC		100%MT
SP3109-001-079				ACC		100%MT
SP3109-001-080				ACC		100%MT
SP3109-001-081				ACC		100%MT
SP3109-001-082				ACC		100%MT
SP3109-001-083				ACC		100%MT

EXAMINED BY主探 CaiXinxin Cai Xinxin 08.26 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Liu Bing 08.26 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

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REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26156	DATE日期 2010.08.26	PAGE OF页码 3/7	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3109-001 13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MANUFACTURER 制造商	PARKER
MODEL NO. 样式编号	B310S	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25/14mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3109-001-084				ACC		100%MT
SP3109-001-085				ACC		100%MT
SP3109-001-086				ACC		100%MT
SP3109-001-087				ACC		100%MT
SP3109-001-088				ACC		100%MT
SP3109-001-089				ACC		100%MT
SP3109-001-090				ACC		100%MT
SP3109-001-091				ACC		100%MT
SP3109-001-092				ACC		100%MT
SP3109-001-093				ACC		100%MT
SP3109-001-094				ACC		100%MT
SP3109-001-095				ACC		100%MT
SP3109-001-096				ACC		100%MT
SP3109-001-097				ACC		100%MT

EXAMINED BY主探 CaiXinxin LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26156	DATE日期 2010.08.26	PAGE OF页码 4/7	Revision No: 0.

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3109-001 13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25/14mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3109-001-098				ACC		100%MT
SP3109-001-099				ACC		100%MT
SP3109-001-100				ACC		100%MT
SP3109-001-101				ACC		100%MT
SP3109-001-102				ACC		100%MT
SP3109-001-103				ACC		100%MT
SP3109-001-104				ACC		100%MT
SP3109-001-105				ACC		100%MT
SP3109-001-106				ACC		100%MT
SP3109-001-107				ACC		100%MT
SP3109-001-108				ACC		100%MT
SP3109-001-109				ACC		100%MT
SP3109-001-110				ACC		100%MT
SP3109-001-111				ACC		100%MT

EXAMINED BY主探 CaiXinxin 8.26 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 8.26 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26156	DATE日期 2010.08.26	PAGE OF页码 5/7	Revision No: 0.

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3109-001 13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MANUFACTURER 制造商	PARKER
MODEL NO. 样式编号	B310S	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25/14mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3109-001-112				ACC		100%MT
SP3109-001-113				ACC		100%MT
SP3109-001-114				ACC		100%MT
SP3109-001-115				ACC		100%MT
SP3109-001-030				ACC		100%MT
SP3109-001-031				ACC		100%MT
SP3109-001-034				ACC		100%MT
SP3109-001-035				ACC		100%MT
SP3109-001-044				ACC		100%MT
SP3109-001-045				ACC		100%MT
SP3109-001-046				ACC		100%MT
SP3109-001-047				ACC		100%MT
SP3109-001-048				ACC		100%MT
SP3109-001-049				ACC		100%MT

EXAMINED BY主探 CaiXinxin LEVEL - II SIGN 签名 / DATE日期 8-26	REVIEWED BY 审核 LEVEL-II SIGN / DATE日期 8 26
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26156	DATE日期 2010.08.26	PAGE OF页码 6/7	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3109-001 13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码 AWS D1.5-2002	ACCEPTANCE STANDARD 接受标准 AWS D1.5-2002	PROCEDURE NO. 程序编号 ZPQC-MT-01	CALIBRATION DUE DATE 仪器校正有效期 Dec. 28ST ,2010
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 PARKER	MODEL NO. 样式编号 B310S	SERIAL NO. 连续编号 5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70~150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25/14mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3109-001-050				ACC		100%MT
SP3109-001-051				ACC		100%MT
SP3109-001-052				ACC		100%MT
SP3109-001-053				ACC		100%MT
SP3109-001-054				ACC		100%MT
SP3109-001-055				ACC		100%MT
SP3109-001-056				ACC		100%MT
SP3109-001-057				ACC		100%MT
SP3109-001-058				ACC		100%MT
SP3109-001-059				ACC		100%MT
SP3109-001-060				ACC		100%MT
SP3109-001-061				ACC		100%MT
SP3109-001-062				ACC		100%MT
SP3109-001-063				ACC		100%MT

EXAMINED BY主探 CaiXinxin 8.26 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 8.26 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26156	DATE日期 2010.08.26	PAGE OF页码 7/7	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3109-001 13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25/14mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3109-001-064				ACC		100%MT
SP3109-001-065				ACC		100%MT
SP3109-001-066				ACC		100%MT
SP3109-001-067				ACC		100%MT
SP3109-001-068				ACC		100%MT
SP3109-001-069				ACC		100%MT
SP3109-001-019				ACC		100%MT
SP3109-001-043				ACC		100%MT
AFTER HSR1(B)-8859						
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EXAMINED BY主探 CaiXinxin 08.26 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 08.26 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26158	DATE日期 2010.08.26	PAGE OF页码 1/4	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3115-001 13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 25/16/12mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3115-001-023				ACC		100%MT
SP3115-001-024				ACC		100%MT
SP3115-001-028				ACC		100%MT
SP3115-001-029				ACC		100%MT
SP3115-001-030				ACC		100%MT
SP3115-001-031				ACC		100%MT
SP3115-001-035				ACC		100%MT
SP3115-001-036				ACC		100%MT
SP3115-001-037				ACC		100%MT
SP3115-001-038				ACC		100%MT
SP3115-001-001				ACC		100%MT
SP3115-001-018				ACC		100%MT
SP3115-001-025				ACC		100%MT
SP3115-001-032				ACC		100%MT
SP3115-001-039				ACC		100%MT

EXAMINED BY主探 CaiXinxin 8.26 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 8.26 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26158	DATE日期 2010.08.26	PAGE OF页码 2/4	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3115-001 13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	ACCEPTANCE STANDARD 接受标准	PROCEDURE NO. 程序编号	CALIBRATION DUE DATE 仪器校正有效期
AWS D1.5-2002	AWS D1.5-2002	ZPQC-MT-01	Dec. 28ST ,2010
EQUIPMENT 设备	MANUFACTURER 制造商	MODEL NO. 样式编号	SERIAL NO. 连续编号
MT YOKE	PARKER	B310S	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 25/16/12mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性			ACCEPT 接受	REJECT 拒收	REMARKS 备注
	INDICATION 指示	TYPE 类型	LENGTH IN mm 长度			
SP3115-001-040				ACC		100%MT
SP3115-001-041				ACC		100%MT
SP3115-001-042				ACC		100%MT
SP3115-001-043				ACC		100%MT
SP3115-001-044				ACC		100%MT
SP3115-001-045				ACC		100%MT
SP3115-001-046				ACC		100%MT
SP3115-001-047				ACC		100%MT
SP3115-001-048				ACC		100%MT
SP3115-001-049				ACC		100%MT
SP3115-001-050				ACC		100%MT
SP3115-001-051				ACC		100%MT
SP3115-001-052				ACC		100%MT
SP3115-001-053				ACC		100%MT

EXAMINED BY主探 CaiXinxin Cai Xin Xin 8.26 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Liu Bao 8.26 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26158	DATE日期 2010.08.26	PAGE OF页码 3/4	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3115-001 13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	AWS D1.5-2002	PROCEDURE NO. 程序编号	ZPQC-MT-01
ACCEPTANCE STANDARD 接受标准	AWS D1.5-2002	CALIBRATION DUE DATE 仪器校正有效期	Dec. 28ST ,2010
EQUIPMENT 设备	MT YOKE	MODEL NO. 样式编号	B310S
MANUFACTURER 制造商	PARKER	SERIAL NO. 连续编号	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 25/16/12mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3115-001-054				ACC		100%MT
SP3115-001-055				ACC		100%MT
SP3115-001-056				ACC		100%MT
SP3115-001-057				ACC		100%MT
SP3115-001-058				ACC		100%MT
SP3115-001-059				ACC		100%MT
SP3115-001-060				ACC		100%MT
SP3115-001-061				ACC		100%MT
SP3115-001-062				ACC		100%MT
SP3115-001-063				ACC		100%MT
SP3115-001-064				ACC		100%MT
SP3115-001-065				ACC		100%MT
SP3115-001-002				ACC		100%MT
SP3115-001-003				ACC		100%MT

EXAMINED BY主探 CaiXinxin Cai Xin Xin 08.26 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Lu Bing 08.26 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION
磁粉检测报告

REPORT NO. 报告编号 B787-MT-26158	DATE日期 2010.08.26	PAGE OF页码 4/4	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	SP3115-001 13 LIFTING	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码 AWS D1.5-2002	ACCEPTANCE STANDARD 接受标准 AWS D1.5-2002	PROCEDURE NO. 程序编号 ZPQC-MT-01	CALIBRATION DUE DATE 仪器校正有效期 Dec. 28ST ,2010
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 PARKER	MODEL NO. 样式编号 B310S	SERIAL NO. 连续编号 5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 25/16/12mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
SP3115-001-019				ACC		100%MT
SP3115-001-020				ACC		100%MT
SP3115-001-026				ACC		100%MT
SP3115-001-027				ACC		100%MT
SP3115-001-033				ACC		100%MT
SP3115-001-034				ACC		100%MT
SP3115-001-004				ACC		100%MT
SP3115-001-005				ACC		100%MT
SP3115-001-006				ACC		100%MT
SP3115-001-007				ACC		100%MT
SP3115-001-021				ACC		100%MT
SP3115-001-022				ACC		100%MT
AFTER HSR1(B)-8862						
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EXAMINED BY主探 CaiXinxin Cai Xin Xin 8.26 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Lu Rong 08.26 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

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ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-25396	DATE日期 2010.07.26	PAGE OF页码 1/2	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	EP3025-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码 AWS D1.5-2002	ACCEPTANCE STANDARD 接受标准 AWS D1.5-2002	PROCEDURE NO. 程序编号 ZPQC-MT-01	CALIBRATION DUE DATE 仪器校正有效期 Dec. 28ST ,2010
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 PARKER	MODEL NO. 样式编号 B310S	SERIAL NO. 连续编号 5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70～150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性 INDICATION 指示	TYPE 类型	LENGTH IN mm 长度	ACCEPT 接受	REJECT 拒收	REMARKS 备注
EP3025-001-001				ACC.		100%MT
EP3025-001-002				ACC.		100%MT
EP3025-001-007				ACC.		100%MT
EP3025-001-008				ACC.		100%MT
EP3025-001-009				ACC.		100%MT
EP3025-001-010				ACC.		100%MT
EP3025-001-011				ACC.		100%MT
EP3025-001-012				ACC.		100%MT
EP3025-001-017				ACC.		100%MT
EP3025-001-018				ACC.		100%MT
EP3025-001-019				ACC.		100%MT
EP3025-001-020				ACC.		100%MT
EP3025-001-029				ACC.		100%MT
EP3025-001-030				ACC.		100%MT

EXAMINED BY主探 Cai Xinxin 10.07.26 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 10.07.26 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

ZPMC

REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-25396	DATE日期 2010.07.26	PAGE OF页码 2/2	Revision No: 0

PROJECT NO. 工程编号:	ZP06-787	CONTRACTOR: 用 户:	CALTRANS
DRAWING NO. 图号:	EP3025-001 13th lifting edge plate	CALTRANS CONTRACT NO.: 加州工程编号	04-0120F4
REFERENCING CODE 参考规范编码	ACCEPTANCE STANDARD 接受标准	PROCEDURE NO. 程序编号	CALIBRATION DUE DATE 仪器校正有效期
AWS D1.5-2002	AWS D1.5-2002	ZPQC-MT-01	Dec. 28ST ,2010
EQUIPMENT 设备	MANUFACTURER 制造商	MODEL NO. 样式编号	SERIAL NO. 连续编号
MT YOKE	PARKER	B310S	5395 5617 5620
MAGNETIZING METHOD 磁化方法	Continuous magnetic yoke 磁轭式连续法	CURRENT 电流	AC
PARTICLE TYPE 磁粉类型	Dry magnet powder 干磁粉	YOKE SPACING 磁轭间距	70~150mm
MATERIAL TO BE EXAMINED 检测材料	√ WELDING 焊接件 ☐ CASTING 铸件 ☐ FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/16/25mm
WELDING PROCESS 焊接方法	FCAW	TYPE OF JOINT 焊缝类型	T-JOINT

WELD I.D. 焊缝编号	DISCONTINUITY不连续性			ACCEPT 接受	REJECT 拒收	REMARKS 备注
	INDICATION 指示	TYPE 类型	LENGTH IN mm 长度			
EP3025-001-027				ACC.		100%MT
EP3025-001-028				ACC.		100%MT
EP3025-001-025				ACC.		100%MT
EP3025-001-026				ACC.		100%MT
AFTER HSRT(B)-8829						
BLANK						

EXAMINED BY主探 Cai Xinxin Cai Xinxin 10.07.26 LEVEL - II SIGN 签名 / DATE日期	REVIEWED BY 审核 Liu Bing 10.07.26 LEVEL-II SIGN / DATE日期
质量经理 / QCM 签字 SIGN / 日期 DATE	用户CUSTOMER 签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

AMERICAN BRIDGE/FLUOR ENTERPRISES, a JV
P.O. BOX 23223 Oakland, CA 94623
Phone (510) 419-0120 / Fax (510) 839-0666

NCR PROPOSED RESOLUTION

To: CALTRANS - SAS Superstructure
333 Burma Road
Oakland CA 94607

Attention: Siegenthaler, Peter
Resident Engineer

Ref: 05.03.06-000768

Subject: NCR No. ZPMC-0773

Dated: **29-Sep-2010**

Contract No.: 04-0120F4
04-SF-80-13.2 / 13.9

Job Name: SAS Superstructure

Document No.: **ABF-NPR-000786 Rev: 01**

Contractor's Proposed Resolution:

Reference Resolution: See attached email approval to leave the welded snipes in SP3083A as is. Based on this, ZPMC requests closure of this NCR.

See attached email approval to leave the welded snipes in SP3083A as is. Based on this, ZPMC requests closure of this NCR.

Submitted by: Ishibashi, Joshua

Attachment(s): ABF-NPR-000786R01;

Caltrans' comments:

Status: CLO

Date: 12-Oct-2010

Per the latest discussion in TC-RFI126R0 as well as the provided documentation, this NCR is considered closed.

Submitted by: Woo, Laraine

Date: 12-Oct-2010

Attachment(s):

From:	Chris Havel [chris_havel@dot.ca.gov]
Sent:	Tuesday, September 21, 2010 2:48 PM
To:	Joshua Ishibashi
Cc:	Gang Jiao; Gene Rosamilia; Steve Lawton; roman_granados@dot.ca.gov; jsimonis@sasbridge.com; jdevey@sasbridge.com
Subject:	Re: TC-RFI: Snipes Closed by Welding

It is acceptable to leave the snipes as-is on a fit for purpose basis.
Chris

"I don't know, don't really care
Let there be songs to fill the air"
Robert Hunter

Chris Havel, PE
Contract 04-0120F4 - SAS
China Cell 158-2142-4572

"Joshua Ishibashi" <jishibashi@cn.abfjv.com> 09/15/2010 07:07 PM

To "Chris Havel" <chris_havel@dot.ca.gov>

cc "Gene Rosamilia" <grosamilia@cn.abfjv.com>, "Gang Jiao" <gjiao@cn.abfjv.com>, "Steve Lawton" <slawton@cn.abfjv.com>

Subject TC-RFI: Snipes Closed by Welding

Chris,

Snipes at the intersection of the panel stiffeners and panel diaphragms have been closed by over welding on the following panels:

SP3083A
SP3081
SP3115A
SP3113A
SP3109A
SP3078A
SP3110A

Requests that theses snipes be left "as-is" on a fit for purpose basis.

DEPARTMENT OF TRANSPORTATION
DIVISION OF ENGINEERING SERVICES
Office of Structural Materials
Quality Assurance and Source Inspection

Bay Area Branch
690 Walnut Ave.St. 150
Vallejo, CA 94592-1133
(707) 649-5453
(707) 649-5493

Contract #: 04-0120F4
Cty: SF/ALA Rte: 80 PM: 13.2/13.9
File #: xx.25A

QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION

Location: Changxing Island, Shanghai, China **Report No:** NCS-000804
Prime Contractor: American Bridge/Fluor Enterprises, a JV **Date:** 13-Oct-2010
Submitting Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0773

Type of problem:

Welding	☑	**Concrete**	☐	**Other**	☐	
Welding	☐	**Curing**	☐	**Procedural**	☐	**Bridge No:** 34-0006
Joint fit-up	☐	**Coating**	☐	**Other**	☐	**Component:**
Procedural	☑	**Procedural**	☐	**Descripton:**		

Date the Non-Conformance Report was written: 23-Jul-2010

Description of Non-Conformance:

During the Caltrans Quality Assurance in-process observations of the fabrication of Edge Plate EP3019A, and SP3083A, this Quality Assurance Inspector (QA) discovered the following issue:

-ZPMC personnel done welding on Cope Hole area of Edge plate and Side plate, non Seismic Performance Critical Material (NON SPCM).

-The effected Edge plate identified as EP3019A (PL3213C) and stiffeners (RS3157B, RS3757D, RS3167A, RS3167B,)

- The effected Side plate identified as SP3083A (PL3264A) and stiffeners (RS3192A, RS3192D, RS3192C, RS3192N,)

-The welding has been done at all Cope Hole area in both plates, but as per drawing no welding on cope hole area.

-The Material thickness is 12 mm.

-This Edge Plate and Side plate are located in Sub assembly Bay#10.

Contractor's proposal to correct the problem:

Per the latest discussion in TC-RFI126R0 as well as both the provided documentation in ZPMC-0773 and ZPMC-0775, the issue can be closed.

Corrective action taken:

The concern has been addressed and the fabricated member is fit-for-purpose.

Did corrective action require Engineer's approval? ☐ **Yes** ☑ **No**

If so, name of Engineer providing approval: **Date:**

Is Engineer's approval attached? ☐ **Yes** ☑ **No**

Comments:

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Jim Devey, (86) 150-0002-6784, who represents the

Office of Structural Materials for your project.

Inspected By:	Tsang,Eric	Quality Assurance Inspector
Reviewed By:	Wahbeh,Mazen	QA Reviewer