

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

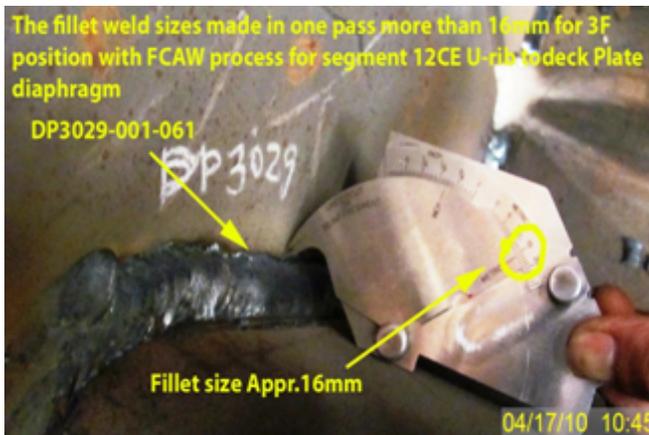
Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.25B**QUALITY ASSURANCE -- NON-CONFORMANCE REPORT****Location:** Changxing Island, Shanghai, P.R. China**Report No:** NCR-000711**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 18-Apr-2010**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island**NCR #:** ZPMC-0678**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component: Segment 12CE U-Rib to Deck Diaphragm
Procedural	Procedural	Description:	

Reference Description: ZPMC welded single pass FCAW weld bead exceeding the max allowable size**Description of Non-Conformance:**

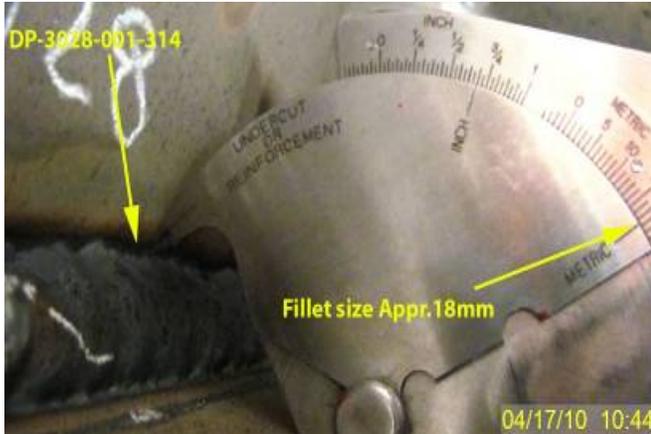
During Quality Assurance (QA) random in-process observations of the fabrication of Segment 12CE, this QA Inspector discovered the following issue:

- ZPMC welded oversize fillet welds in a single pass at a U-rib to Deck Plate Diaphragm connection.
- The QA inspector measured the fillet weld size of the U-rib to Deck Plate Diaphragm and found these welds to be approximately 15mm to 18mm.
- The Deck Plates affected are identified as DP3027-001, DP3028-001 and DP3029-001.
- The Deck Plate Diaphragm piece marks are identified as: X3032B
- The U-Rib piece mark is identified as: RS3013C
- The Deck Plate Diaphragm panel points (PP) are PP115 to PP117.
- The steel plate material is designated as non-Seismic Performance Critical Member (non SPCM).
- According to the approved WPS the fillet weld size should be no more than 9mm in a single pass utilizing the 3F position.



QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 2)



Applicable reference:

AWS D1.5-2002 section 4.14.1.3: The maximum size of a fillet weld made in one pass shall be 12 mm [1/2 in.] for the flat and vertical positions.

Welding Procedure Specification: WPS B-T-2133

Who discovered the problem: Subhasis Bera

Name of individual from Contractor notified: Wang Wai Nan

Time and method of notification: 1030 hours, 04-17-10, Verbal

Name of Caltrans Engineer notified: Stanley Ku

Time and method of notification: 2015 hours, 04-17-10, Verbal

QC Inspector's Name: Gang Wai

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

N/A

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, +(86) 134.7247.7571, who represents the Office of Structural Materials for your project.

Inspected By:	Tsang, Eric	SMR
Reviewed By:	Wahbeh, Mazen	SMR



DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge
666 Feng Bin Road Room 708, Changxing Island
Shanghai 201913 PR China
Tel: 510-376-8234 Fax:

NON-CONFORMANCE REPORT TRANSMITTAL

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

Date: 19-Apr-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: 05.03.06-000668

Subject: NCR No. ZPMC-0678

Reference Description: ZPMC welded single pass FCAW weld bead exceeding the max allowable size

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:** 12

Remarks:

- During Quality Assurance (QA) random in-process observations of the fabrication of Segment 12CE, QA Inspector discovered the following issue:
- ZPMC welded oversize fillet welds in a single pass at a U-rib to Deck Plate Diaphragm connection.
 - The QA inspector measured the fillet weld size of the U-rib to Deck Plate Diaphragm and found these welds to be approximately 15mm to 18mm.
 - The Deck Plates affected are identified as DP3027-001, DP3028-001 and DP3029-001.
 - The Deck Plate Diaphragm piece marks are identified as: X3032B
 - The U-Rib piece mark is identified as: RS3013C
 - The Deck Plate Diaphragm panel points (PP) are PP115 to PP117.
 - The steel plate material is designated as non-Seismic Performance Critical Member (non SPCM).
 - According to the approved WPS the fillet weld size should be no more than 9mm in a single pass utilizing the 3F position.

Action Required and/or Action Taken:

- Propose a resolution for the identified non-conformance with revised procedures to prevent future occurrences.

Transmitted by: Stanley Ku Sr. Bridge Engineer

Attachments: ZPMC-0678

cc: Gary Pursell, Peter Siegenthaler, Jason Tom, Bill Casey

File: 05.03.06

NCR PROPOSED RESOLUTION

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

Attention: Pursell, Gary
Resident Engineer

Ref: 05.03.06-000668

Subject: NCR No. ZPMC-0678

Dated: 17-May-2010

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

Job Name: SAS Superstructure

Document No.: ABF-NPR-000663 **Rev:** 00

Contractor's Proposed Resolution:

Reference Resolution: ZPMC has issued an internal NCR and has conducted training with the welders on the fillet weld size requirements. The welds in question have been ground so that they the appropriate size now.

ZPMC has issued an internal NCR and has conducted training with the welders on the fillet weld size requirements. The welds in question have been ground so that they the appropriate size now. NDT will be performed during the segment assembly phase. As the original reason for the NCR has been corrected, ZPMC requests closure of this NCR.

Submitted by: Ishibashi, Joshua

Attachment(s): ABF-NPR-000663R00;

Caltrans' comments:

Status: AAP

Date: 23-May-2010

The proposed resolution for NCR ZPMC-0678 is accepted, action pending. NDT results shall be submitted after testing is performed.

Submitted by: Eagen, Sean

Attachment(s):

Date: 23-May-2010



No. B-759

LETTER OF RESPONSE

TO: American Bridge/Flour

DATE: 2010-5-17

REGARDING: NCR-000711(ZPMC-0678)

ZPMC acknowledge this issue and has written an internal NCR. ZPMC CWI has performed an internal training to the welders to instruct the requirement of weld's size for fillet weld. These exceeding fillet welds have been repaired by utilizing grinding. After then these welds' size were found to be acceptable. The NDT inspection will be performed during the final repair of segment at outside yard. ZPMC will provide notification to department to check the NDT state of these welds. Based on this ZPMC is requesting closure of this NCR.

ATTACHMENT:

NCR-000711(ZPMC-0678)

NCR-B-463(ZPMC-0678)

A handwritten signature in black ink, appearing to be 'J. W.', is written over the attachment list.

5/17/10



DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge
 666 Feng Bin Road Room 708, Changxing Island
 Shanghai 201913 PR China
 Tel: 510-376-8234 Fax:

NON-CONFORMANCE REPORT TRANSMITTAL

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

Date: 19-Apr-2010

Contract No: 04-0120F4

Dear: Mr. Charles Kanapicki
 Attention: Mr. Thomas Nilsson Project/Fabrication Manager
 Subject: NCR No. ZPMC-0678

Job Name: 04-SF-80-13.2 / 13.9
 Document No: SAS Superstructure
 05.03.06-000668

Reference Description: ZPMC welded single pass FCAW weld bead exceeding the max allowable size

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: 12

Remarks:

During Quality Assurance (QA) random in-process observations of the fabrication of Segment 12CE, QA Inspector discovered the following issue:
 -ZPMC welded oversize fillet welds in a single pass at a U-rib to Deck Plate Diaphragm connection.
 -The QA inspector measured the fillet weld size of the U-rib to Deck Plate Diaphragm and found these welds to be approximately 15mm to 18mm.
 -The Deck Plates affected are identified as DP3027-001, DP3028-001 and DP3029-001.
 -The Deck Plate Diaphragm piece marks are identified as: X3032B
 -The U-Rib piece mark is identified as: RS3013C
 -The Deck Plate Diaphragm panel points (PP) are PP115 to PP117.
 -The steel plate material is designated as non-Seismic Performance Critical Member (non SPCM).
 -According to the approved WPS the fillet weld size should be no more than 9mm in a single pass utilizing the 3F position.

Action Required and/or Action Taken:
 Propose a resolution for the identified non-conformance with revised procedures to prevent future occurrences.

Transmitted by: Stanley Ku Sr. Bridge Engineer
 Attachments: ZPMC-0678

cc: Gary Pursell, Peter Siegenthaler, Jason Tom, Bill Casey
 File: 05.03.06

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

Bay Area Branch
690 Walnut Ave. SL 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, P.R. China

Prime Contractor: American Bridge/Fluor Enterprises, a JV

Submitting Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island

Report No: NCR-000711

Date: 18-Apr-2010

NCR #: ZPMC-0678

Type of problem:

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

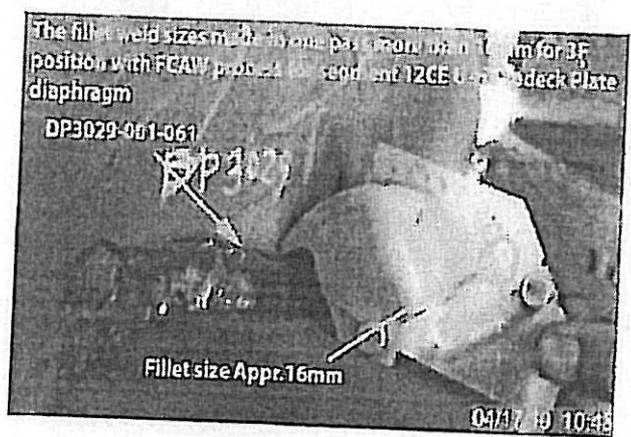
Bridge No: 34-0006

Component: Segment 12CE U-Rib to Deck Diaphragm

Reference Description: ZPMC welded single pass FCAW weld bead exceeding the max allowable size

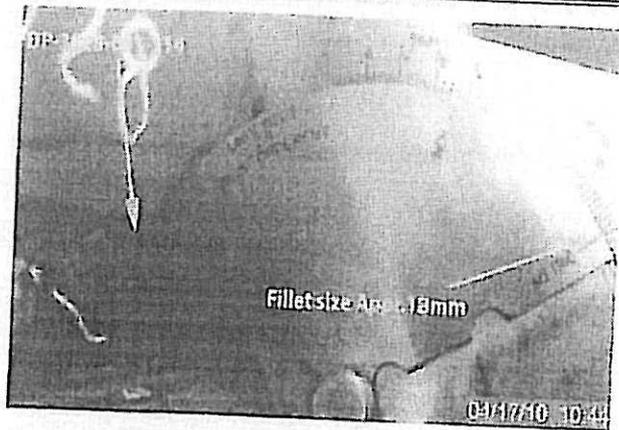
Description of Non-Conformance:

- During Quality Assurance (QA) random in-process observations of the fabrication of Segment 12CE, this QA Inspector discovered the following issue:
- ZPMC welded oversize fillet welds in a single pass at a U-rib to Deck Plate Diaphragm connection.
- The QA inspector measured the fillet weld size of the U-rib to Deck Plate Diaphragm and found these welds to be approximately 15mm to 18mm.
- The Deck Plates affected are identified as DP3027-001, DP3028-001 and DP3029-001.
- The Deck Plate Diaphragm piece marks are identified as: X3032B
- The U-Rib piece mark is identified as: RS3013C
- The Deck Plate Diaphragm panel points (PP) are PP115 to PP117.
- The steel plate material is designated as non-Seismic Performance Critical Member (non SPCM).
- According to the approved WPS the fillet weld size should be no more than 9mm in a single pass utilizing the 3F position.



QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 2)



Applicable reference:

AWS D1.5-2002 section 4.14.1.3: The maximum size of a fillet weld made in one pass shall be 12 mm [1/2 in.] for the flat and vertical positions.

Welding Procedure Specification: WPS B-T-2133

Who discovered the problem: Subhasis Bera

Name of individual from Contractor notified: Wang Wai Nan

Time and method of notification: 1030 hours, 04-17-10, Verbal

Name of Caltrans Engineer notified: Stanley Ku

Time and method of notification: 2015 hours, 04-17-10, Verbal

QC Inspector's Name: Gang Wai

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

N/A

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, +(86) 134.7247.7571, who represents the Office of Structural Materials for your project.

Inspected By: Tsang, Eric

Reviewed By: Wahbeh, Mazen

SMR

SMR



Nonconformance Report

不符合项报告

Project Name: S.F.O.B.B 项目名称: 美国加州海湾大桥		NCR Number: NCR 编号: NCR-B-463(ZPMC-0678)
Item: Oversize fillet weld 名称描述: 角焊缝尺寸超标	Item Number: 件号:	Drawing: 图号: 12CE
Location: B AY 14 位置: 大通 1-2	Date: 日期: 2010-05-05	

Description of Nonconformance:

During random Quality Assurance random in-process observations of the fabrication of 12CE, this inspector discovered the following issue:

- ZPMC welded oversize fillet welds in a single pass at a U-rib to Deck Plate Diaphragm connection.
- The inspector measured the fillet weld size of the U-rib to Deck Plate Diaphragm and found these welds to be approximately 15mm to 18mm.
- The Deck Plates affected are identified as DP3027-001, DP3028-001, and DP3029-001.
- The Deck Plate Diaphragm PP are at PP115~PP117.
- The steel plate material is designated as non-seismic Performance Critical Member.
- According to the approved WPS the fillet weld size should be no more than 9mm in a singles pass utilizing the 3F position.

在加州的随机检查中, 在12CE的制作过程中发现如下问题:

- ZPMC在对U肋于顶板横隔板角焊缝进行焊接的过程中, 焊角尺寸超标。
- 超标的焊缝焊接尺寸经测量为15mm~18mm。
- 涉及到的板单元编号为DP3027-001, DP3028-001和DP3029-001。
- 这些涉及到的顶板横隔板位于PP115~PP117。
- 根据批准的WPS, 3F位置的单道焊接焊缝尺寸不得大于9mm。

Work By: 施工方:	Prepared by: 准备:	Reviewed by QCE: 质量工程师批准:
<input type="checkbox"/> Drawing Error 图纸错误	<input type="checkbox"/> Material Defect 材料缺陷	<input checked="" type="checkbox"/> Fabrication Error 制作错误
		<input type="checkbox"/> Other 其他原因

Disposition: 处理措施:	<input type="checkbox"/> Use as is 回用	<input type="checkbox"/> Repair 返修	<input type="checkbox"/> Reject 拒收
-----------------------	--	---------------------------------------	---------------------------------------

Recommendation:

建议:

通过打磨移除超标的焊缝

remove the exceeding weld size by grinding

Prepared by: 准备	Approved by QCA: 质量经理批准
--------------------	----------------------------

Reason for Nonconformance:

不符合原因:

1. 焊角尺寸超标. 1. Weld size exceeded requirement.
2. 加强对电焊工的培养. 2. Train welder.
3. 加强对现场焊接的质量控制. 3. Enhance control welding quality onsite.

Prevention of Re-occurrence:

预防措施:

Approved by/批准:

李友刚

Technical Justification for Use-As-Is/Repair:
回用或返修的技术依据:

Attachment
附件

Non-attachment
无附件

加强焊工操作水平, 加强现场监督严格按照图纸要求制作.
Improve weld skill and enhance supervision on-site and perform fabrication according to drawing requirement.

Reviewed /批准:

谭敬峰 10.5.6

Verification:
确认:

Acceptable
可接受

Unacceptable
不可接受

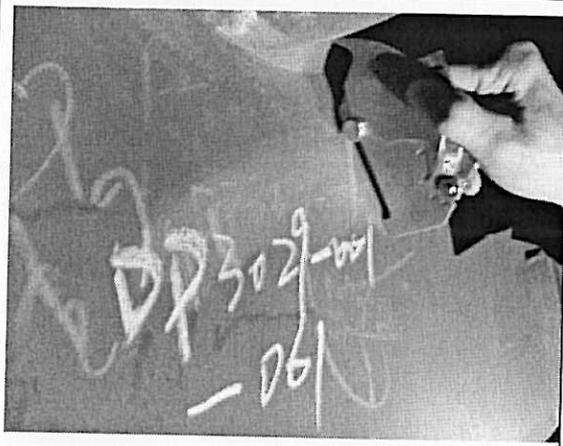
Verified by QCI/质检确认:

Gang Wei

2010.5.17

Reviewed by QCA/质检主任审核:

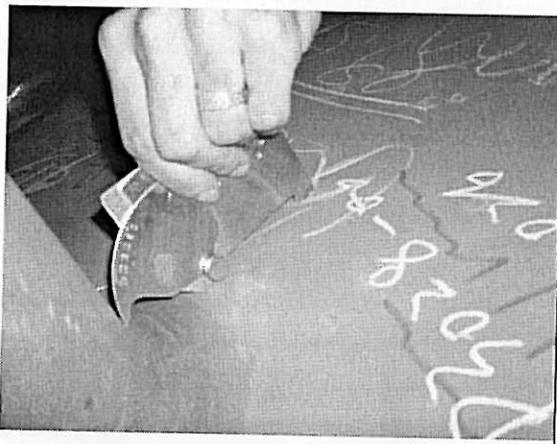
#R787-QCP-1300



1. Weld size is :12.5mm after grinding.
Weld ID: DP3029-001-061



2. Weld size is: 12mm after grinding.
Weld ID : DP3027-001-051



3. Weld size is: 11mm after grinding.
Weld ID : DP3028-001-026



4. Weld size is 12mm after grinding.
Weld ID: DP3028-001-119



5. Welder's training regarding to the weld size issue by ZPMC CWI Mr. Geng Wei

NCR PROPOSED RESOLUTION

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

Attention: Siegenthaler, Peter
Resident Engineer

Ref: 05.03.06-000668

Subject: NCR No. ZPMC-0678

Dated: 29-Nov-2010

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

Job Name: SAS Superstructure

Document No.: ABF-NPR-000663 **Rev:** 01

Contractor's Proposed Resolution:

Reference Resolution: ZPMC is providing the NDT of the welds in question. Based on previous responses to this NCR and the NDT ZPMC requests closure of this NCR.

ZPMC is providing the NDT of the welds in question. Based on previous responses to this NCR and the NDT ZPMC requests closure of this NCR.

Submitted by: Ishibashi, Joshua

Attachment(s): ABF-NPR-000663R01;

Caltrans' comments:

Status: AAP

Date: 30-Nov-2010

The NCR has not been fully addressed. Similar incidents took place in the past and the "revised procedures to prevent future occurrence" shall be stated.

Submitted by: Woo, Laraine

Date: 30-Nov-2010

Attachment(s):



No. B-935

LETTER OF RESPONSE

TO: American Bridge/Flour

DATE: 2010-11-25

REGARDING: NCR-000711(ZPMC-0678)

ZPMC is providing the NDT records to show the acceptance of these welds after grinding. Based on this, please consider closure of this NCR.

ATTACHMENT:

NCR-000711(ZPMC-0678)

B787-MT-33726

B787-MT-33727

B787-MT-33728

[Handwritten signature]
11/25/2010



DEPARTMENT OF TRANSPORTATION - District 4 Toll Bridge
666 Feng Bin Road Room 708, Changxing Island
Shanghai 201913 PR China
Tel: 510-376-8234 Fax:

NON-CONFORMANCE REPORT TRANSMITTAL

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

Date: 19-Apr-2010

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

Dear: Mr. Charles Kannpicki
Job Name: SAS Superstructure

Attention: Mr. Thomas Nilsson Project/Fabrication Manager
Document No: 05.03.06-000668

Subject: NCR No. ZPMC-0678

Reference Description: ZPMC welded single pass FCAW weld bead exceeding the max allowable size

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: 12

Remarks:

During Quality Assurance (QA) random in-process observations of the fabrication of Segment 12CE, QA Inspector discovered the following issue:

- ZPMC welded oversize fillet welds in a single pass at a U-rib to Deck Plate Diaphragm connection.
- The QA inspector measured the fillet weld size of the U-rib to Deck Plate Diaphragm and found these welds to be approximately 15mm to 18mm.
- The Deck Plates affected are identified as DP3027-001, DP3028-001 and DP3029-001.
- The Deck Plate Diaphragm piece marks are identified as: X3032B
- The U-Rib piece mark is identified as: RS3013C
- The Deck Plate Diaphragm panel points (PP) are PP115 to PP117.
- The steel plate material is designated as non-Seismic Performance Critical Member (non SPCM).
- According to the approved WPS the fillet weld size should be no more than 9mm in a single pass utilizing the 3F position.

Action Required and/or Action Taken:

Propose a resolution for the identified non-conformance with revised procedures to prevent future occurrences.

Transmitted by: Stanley Ku Sr. Bridge Engineer

Attachments: ZPMC-0678

cc: Gary Pursell, Peter Siegenthaler, Jason Tom, Bill Casey

File: 05.03.06

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, P.R. China

Report No: NCR-000711

Prime Contractor: American Bridge/Fluor Enterprises, a JV

Date: 18-Apr-2010

Submitting Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island

NCR #: ZPMC-0678

Type of problem:

Welding Concrete Other

Welding Curing Procedural

Joint fit-up Coating Other

Procedural Procedural Description:

Bridge No: 34-0006

Component: Segment 12CE U-Rib to Deck Diaphragm

Reference Description: ZPMC welded single pass FCAW weld bead exceeding the max allowable size

Description of Non-Conformance:

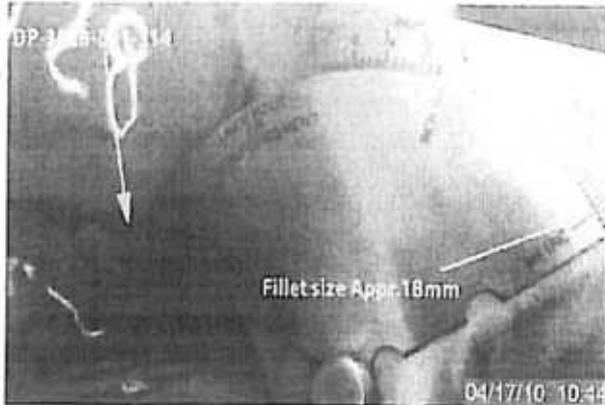
During Quality Assurance (QA) random in-process observations of the fabrication of Segment 12CE, this QA Inspector discovered the following issue:

- ZPMC welded oversize fillet welds in a single pass at a U-rib to Deck Plate Diaphragm connection.
- The QA inspector measured the fillet weld size of the U-rib to Deck Plate Diaphragm and found these welds to be approximately 15mm to 18mm.
- The Deck Plates affected are identified as DP3027-001, DP3028-001 and DP3029-001.
- The Deck Plate Diaphragm piece marks are identified as: X3032B
- The U-Rib piece mark is identified as: RS3013C
- The Deck Plate Diaphragm panel points (PP) are PP115 to PP117.
- The steel plate material is designated as non-Seismic Performance Critical Member (non SPCM).
- According to the approved WPS the fillet weld size should be no more than 9mm in a single pass utilizing the 3F position.



QUALITY ASSURANCE -- NON-CONFORMANCE REPORT

(Continued Page 2 of 2)



Applicable reference:

AWS D1.5-2002 section 4.14.1.3: The maximum size of a fillet weld made in one pass shall be 12 mm [1/2 in.] for the flat and vertical positions.

Welding Procedure Specification: WPS B-T-2133

Who discovered the problem: Subhasis Bera

Name of individual from Contractor notified: Wang Wai Nan

Time and method of notification: 1030 hours, 04-17-10, Verbal

Name of Caltrans Engineer notified: Stanley Ku

Time and method of notification: 2015 hours, 04-17-10, Verbal

QC Inspector's Name: Gang Wai

Was QC Inspector aware of the problem: Yes No

Contractor's proposal to correct the problem:

N/A

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, +(86) 134.7247.7571, who represents the Office of Structural Materials for your project.

Inspected By: Tsang, Eric

SMR

Reviewed By: Wahbeh, Mazen

SMR



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33726		DATE 日期 2010.11.24	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: DP3027 12CE DECK PLATE SPLICE		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. 28 th , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3027-001-030				ACC.		100%MT
DP3027-001-035				ACC.		100%MT
DP3027-001-040				ACC.		100%MT
DP3027-001-045				ACC.		100%MT
DP3027-001-050				ACC.		100%MT
DP3027-001-055				ACC.		100%MT
DP3027-001-060				ACC.		100%MT
DP3027-001-065				ACC.		100%MT
DP3027-001-072				ACC.		100%MT
DP3027-001-077				ACC.		100%MT
DP3027-001-082				ACC.		100%MT
DP3027-001-087				ACC.		100%MT
DP3027-001-090				ACC.		100%MT
DP3027-001-097				ACC.		100%MT
DP3027-001-102				ACC.		100%MT

EXAMINED BY 主探 Sun Gongchang <i>Sun Gongchang</i>	REVIEWED BY 审核 <i>Ding A Cheng</i>
LEVEL - II SIGN 签名 / DATE 日期 2010.11.24	LEVEL - II SIGN / DATE 日期 2010.11.24
质量经理 / QCM	用户 CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33726		DATE 日期 2010.11.24		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: DP3027 12CE DECK PLATE SPLICE				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. 28 th , 2010	
EQUIPMENT 设备 MT YOKE		MANUFACTURER 制造商 KOREA		MODEL NO. 样式编号 MP-A2L		SERIAL NO. 连续编号 MP1644	
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		<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造		Material & thickness 母材,厚度		A709M-345T2-X 12/14mm	
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			
DP3027-001-107				ACC.		100%MT
DP3027-001-114				ACC.		100%MT
DP3027-001-119				ACC.		100%MT
DP3027-001-124				ACC.		100%MT
DP3027-001-129				ACC.		100%MT
DP3027-001-134				ACC.		100%MT
DP3027-001-139				ACC.		100%MT
DP3027-001-144				ACC.		100%MT
DP3027-001-149				ACC.		100%MT
DP3027-001-156				ACC.		100%MT
DP3027-001-161				ACC.		100%MT
DP3027-001-166				ACC.		100%MT
DP3027-001-171				ACC.		100%MT
DP3027-001-176				ACC.		100%MT
DP3027-001-181				ACC.		100%MT

EXAMINED BY 主探 Sun Gongchang <i>Sun Gongchang</i>		REVIEWED BY 审核 <i>Ding A Cheng</i>	
LEVEL - II SIGN 签名 / DATE 日期 2010.11.24		LEVEL-II SIGN / DATE 日期 2010.11.24	
质量经理 / QCM		用户 CUSTOMER	
签字 SIGN / 日期 DATE		签字 SIGN / 日期 DATE	



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33726		DATE 日期 2010.11.24	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: DP3027 12CE DECK PLATE SPLICE		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. 28 th , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3027-001-186				ACC.		100%MT
DP3027-001-191				ACC.		100%MT
DP3027-001-201				ACC.		100%MT
DP3027-001-202				ACC.		100%MT
DP3027-001-211				ACC.		100%MT
DP3027-001-212				ACC.		100%MT
DP3027-001-220				ACC.		100%MT
DP3027-001-221				ACC.		100%MT
DP3027-001-230				ACC.		100%MT
DP3027-001-231				ACC.		100%MT
DP3027-001-242				ACC.		100%MT
DP3027-001-243				ACC.		100%MT
DP3027-001-252				ACC.		100%MT
DP3027-001-253				ACC.		100%MT
DP3027-001-262				ACC.		100%MT

EXAMINED BY 主探 Sun Gongchang <i>Sun Gongchang</i>	REVIEWED BY 审核 <i>Ding Aoheng</i>
LEVEL - II SIGN 签名 / DATE 日期 2010.11.24	LEVEL-II SIGN / DATE 日期 2010.11.24
质量经理 / QCM	用户 CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33726		DATE 日期 2010.11.24	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: DP3027 12CE DECK PLATE SPLICE		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. 28 ST , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3027-001-263				ACC.		100%MT
DP3027-001-272				ACC.		100%MT
DP3027-001-273				ACC.		100%MT
DP3027-001-033				ACC.		100%MT
DP3027-001-034				ACC.		100%MT
DP3027-001-043				ACC.		100%MT
DP3027-001-044				ACC.		100%MT
DP3027-001-053				ACC.		100%MT
DP3027-001-054				ACC.		100%MT
DP3027-001-063				ACC.		100%MT
DP3027-001-064				ACC.		100%MT
DP3027-001-075				ACC.		100%MT
DP3027-001-076				ACC.		100%MT
DP3027-001-085				ACC.		100%MT
DP3027-001-086				ACC.		100%MT

EXAMINED BY 主操 Sun Gongchang <i>Sun Gongchang</i> 2010.11.24	REVIEWED BY 审核 <i>Ding A cheng</i> 2010.11.24
LEVEL - II SIGN 签名 / DATE 日期	LEVEL-II SIGN / DATE 日期
质量经理 / QCM	用户 CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33726		DATE日期 2010.11.24	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: DP3027 12CE DECK PLATE SPLICE		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. 28 ^{DT} , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3027-001-095				ACC.		100%MT
DP3027-001-096				ACC.		100%MT
DP3027-001-105				ACC.		100%MT
DP3027-001-106				ACC.		100%MT
DP3027-001-117				ACC.		100%MT
DP3027-001-118				ACC.		100%MT
DP3027-001-127				ACC.		100%MT
DP3027-001-128				ACC.		100%MT
DP3027-001-137				ACC.		100%MT
DP3027-001-138				ACC.		100%MT
DP3027-001-147				ACC.		100%MT
DP3027-001-148				ACC.		100%MT
DP3027-001-159				ACC.		100%MT
DP3027-001-160				ACC.		100%MT
DP3027-001-169				ACC.		100%MT

EXAMINED BY 主探 Sun Gongchang <i>Sun Gongchang</i>	REVIEWED BY 审核 <i>Ding A cheng</i>
LEVEL - II SIGN 签名 / DATE日期 <i>2010-11-24</i>	LEVEL-II SIGN / DATE日期 <i>2010.11.24</i>
质量经理 / QCM	用户CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33726		DATE 日期 2010.11.24	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: DP3027 12CE DECK PLATE SPLICE		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. 28 ST , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3027-001-170				ACC.		100%MT
DP3027-001-179				ACC.		100%MT
DP3027-001-180				ACC.		100%MT
DP3027-001-189				ACC.		100%MT
DP3027-001-190				ACC.		100%MT
DP3027-001-164				ACC.		100%MT
DP3027-001-165				ACC.		100%MT
DP3027-001-174				ACC.		100%MT
DP3027-001-175				ACC.		100%MT
DP3027-001-184				ACC.		100%MT
DP3027-001-185				ACC.		100%MT
DP3027-001-194				ACC.		100%MT
DP3027-001-195				ACC.		100%MT
DP3027-001-196				ACC.		100%MT
DP3027-001-197				ACC.		100%MT

EXAMINED BY 主探 Sun Gongchang <i>Sun Gongchang</i>	REVIEWED BY 审核 <i>Ding A Chang</i>
LEVEL - II SIGN 签名 / DATE 日期 <i>2010.11.24</i>	LEVEL-II SIGN / DATE 日期 <i>2010.11.24</i>
质量经理 / QCM	用户 CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33726		DATE 日期 2010.11.24	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: DP3027 12CE DECK PLATE SPLICE		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. 28 th , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3027-001-206				ACC.		100%MT
DP3027-001-207				ACC.		100%MT
DP3027-001-287				ACC.		100%MT
DP3027-001-216				ACC.		100%MT
DP3027-001-225				ACC.		100%MT
DP3027-001-226				ACC.		100%MT
DP3027-001-235				ACC.		100%MT
DP3027-001-236				ACC.		100%MT
DP3027-001-237				ACC.		100%MT
DP3027-001-238				ACC.		100%MT
DP3027-001-247				ACC.		100%MT
DP3027-001-248				ACC.		100%MT
DP3027-001-257				ACC.		100%MT
DP3027-001-258				ACC.		100%MT
DP3027-001-267				ACC.		100%MT

EXAMINED BY 主探 Sun Gongchang <i>Sun Gongchang</i>	REVIEWED BY 审核 <i>Ding A Chang</i>
LEVEL - II SIGN 签名 / DATE 日期 2010.11.24	LEVEL - II SIGN 签名 / DATE 日期 2010.11.24
质量经理 / QCM	用户 CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33726		DATE 日期 2010.11.24	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: DP3027 12CE DECK PLATE SPLICE		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. 28 ST , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3027-001-268				ACC.		100%MT
DP3027-001-277				ACC.		100%MT
DP3027-001-278				ACC.		100%MT
DP3027-001-028				ACC.		100%MT
DP3027-001-029				ACC.		100%MT
DP3027-001-038				ACC.		100%MT
DP3027-001-039				ACC.		100%MT
DP3027-001-048				ACC.		100%MT
DP3027-001-049				ACC.		100%MT
DP3027-001-058				ACC.		100%MT
DP3027-001-059				ACC.		100%MT
DP3027-001-068				ACC.		100%MT
DP3027-001-069				ACC.		100%MT
DP3027-001-070				ACC.		100%MT
DP3027-001-071				ACC.		100%MT

EXAMINED BY 主探 Sun Gongchang <i>Sun Gongchang</i>	REVIEWED BY 审核 <i>Ding A cheong</i>
LEVEL - II SIGN 签名 / DATE 日期 2010.11.24	LEVEL-II SIGN / DATE 日期 2010.11.24
质量经理 / QCM	用户 CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33726		DATE 日期 2010.11.24	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: DP3027 12CE DECK PLATE SPLICE		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. 28 ST , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3027-001-080				ACC.		100%MT
DP3027-001-081				ACC.		100%MT
DP3027-001-090				ACC.		100%MT
DP3027-001-091				ACC.		100%MT
DP3027-001-100				ACC.		100%MT
DP3027-001-101				ACC.		100%MT
DP3027-001-110				ACC.		100%MT
DP3027-001-111				ACC.		100%MT
DP3027-001-112				ACC.		100%MT
DP3027-001-113				ACC.		100%MT
DP3027-001-122				ACC.		100%MT
DP3027-001-123				ACC.		100%MT
DP3027-001-132				ACC.		100%MT
DP3027-001-133				ACC.		100%MT
DP3027-001-142				ACC.		100%MT

EXAMINED BY 主操 Sun Gongchang <i>Sun Gongchang</i>	REVIEWED BY 审核 <i>Ding A Cheng</i>
LEVEL - II SIGN 签名 / DATE 日期 2010. 11. 24	LEVEL - II SIGN 签名 / DATE 日期 2010 11. 24
质量经理 / QCM	用户 CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33726 DATE日期 2010.11.24 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: DP3027 CALTRANS CONTRACT NO.: 加州工程编号: 04-0120F4
12CE DECK PLATE SPLICE

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: KOREA MODEL NO. 样式编号: MP-A2L SERIAL NO. 连续编号: MP1644

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 Material & thickness 母材, 厚度: A709M-345T2-X
 CASTING 铸件 12/14mm
 FORGING 锻造

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			
DP3027-001-143				ACC.		100%MT
DP3027-001-152				ACC.		100%MT
DP3027-001-153				ACC.		100%MT
DP3027-001-154				ACC.		100%MT
DP3027-001-155				ACC.		100%MT
BLANK						

EXAMINED BY 主探: Sun Gongchang <i>Sun Gongchang</i> LEVEL - II SIGN 签名 / DATE日期: 2010.11.24 质量经理 / QCM: _____ 签字 SIGN / 日期 DATE: _____	REVIEWED BY 审核: <i>Ding A cheng</i> LEVEL-II SIGN / DATE日期: 2010.11.24 用户CUSTOMER: _____ 签字 SIGN / 日期 DATE: _____
--	--



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33727 DATE日期 2010.11.24 PAGE OF页码 1/11 Revision No: 0

PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS	
DRAWING NO. 图号: DP3029 DECK PLATE SPLICE		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. 28 th , 2010
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm
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			
DP3029-001-030				ACC.		100%MT
DP3029-001-035				ACC.		100%MT
DP3029-001-040				ACC.		100%MT
DP3029-001-045				ACC.		100%MT
DP3029-001-050				ACC.		100%MT
DP3029-001-055				ACC.		100%MT
DP3029-001-060				ACC.		100%MT
DP3029-001-065				ACC.		100%MT
DP3029-001-072				ACC.		100%MT
DP3029-001-077				ACC.		100%MT
DP3029-001-082				ACC.		100%MT
DP3029-001-087				ACC.		100%MT
DP3029-001-090				ACC.		100%MT
DP3029-001-097				ACC.		100%MT
DP3029-001-102				ACC.		100%MT

EXAMINED BY 主探 Sun Gongchang <i>Sun Gongchang</i> LEVEL - II SIGN 签名 / DATE日期 2010.11.24 质量经理 / QCM	REVIEWED BY 审核 <i>Ding A Cheng</i> LEVEL-II SIGN / DATE日期 2010.11.24 用户 CUSTOMER
签字 SIGN / 日期 DATE (FORM# ZPQC-MT01)	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33727		DATE 日期 2010.11.24	PAGE OF 页码 2/11	Revision No: 0
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS		
DRAWING NO. 图号: DP3029 DECK PLATE SPLICE		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. 28 ST , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3029-001-107				ACC.		100%MT
DP3029-001-114				ACC.		100%MT
DP3029-001-119				ACC.		100%MT
DP3029-001-124				ACC.		100%MT
DP3029-001-129				ACC.		100%MT
DP3029-001-134				ACC.		100%MT
DP3029-001-139				ACC.		100%MT
DP3029-001-144				ACC.		100%MT
DP3029-001-149				ACC.		100%MT
DP3029-001-156				ACC.		100%MT
DP3029-001-161				ACC.		100%MT
DP3029-001-166				ACC.		100%MT
DP3029-001-171				ACC.		100%MT
DP3029-001-176				ACC.		100%MT
DP3029-001-181				ACC.		100%MT

EXAMINED BY 主操 Sun Gongchang <i>Sun Gongchang</i> 2010.11.24	REVIEWED BY 审核 <i>Ding A Chang</i> 2010.11.24
LEVEL-II SIGN 签名 / DATE 日期	LEVEL-II SIGN 签名 / DATE 日期
质量经理 / QCM	用户 CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33727		DATE日期 2010.11.24	PAGE OF页码 3/11	Revision No: 0
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS		
DRAWING NO. 图号: DP3029 DECK PLATE SPLICE		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. 28 th , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3029-001-186				ACC.		100%MT
DP3029-001-191				ACC.		100%MT
DP3029-001-198				ACC.		100%MT
DP3029-001-203				ACC.		100%MT
DP3029-001-208				ACC.		100%MT
DP3029-001-213				ACC.		100%MT
DP3029-001-218				ACC.		100%MT
DP3029-001-223				ACC.		100%MT
DP3029-001-228				ACC.		100%MT
DP3029-001-233				ACC.		100%MT
DP3029-001-240				ACC.		100%MT
DP3029-001-245				ACC.		100%MT
DP3029-001-250				ACC.		100%MT
DP3029-001-255				ACC.		100%MT
DP3029-001-260				ACC.		100%MT

EXAMINED BY 主探 Sun Gongchang <i>Sun Gongchang</i>	REVIEWED BY 审核 <i>Ding A Cheng</i>
LEVEL - II SIGN 签名 / DATE日期 质量经理 / QCM <i>2010.11.24</i>	LEVEL-II SIGN / DATE日期 用户 CUSTOMER <i>2010.11.24</i>
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33727		DATE 日期 2010.11.24	PAGE OF 页码 4/11	Revision No: 0
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS		
DRAWING NO. 图号: DP3029 DECK PLATE SPLICE		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. 28 ST , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3029-001-268				ACC.		100%MT
DP3029-001-271				ACC.		100%MT
DP3029-001-276				ACC.		100%MT
DP3029-001-199				ACC.		100%MT
DP3029-001-200				ACC.		100%MT
DP3029-001-209				ACC.		100%MT
DP3029-001-210				ACC.		100%MT
DP3029-001-219				ACC.		100%MT
DP3029-001-220				ACC.		100%MT
DP3029-001-229				ACC.		100%MT
DP3029-001-230				ACC.		100%MT
DP3029-001-241				ACC.		100%MT
DP3029-001-242				ACC.		100%MT
DP3029-001-251				ACC.		100%MT
DP3029-001-252				ACC.		100%MT

EXAMINED BY 主操 Sun Gongchang <i>Sun Gongchang</i> LEVEL - II SIGN 签名 / DATE 日期 2010.11.24 质量经理 / QCM	REVIEWED BY 审核 <i>Ding A Cheng</i> LEVEL-II SIGN / DATE 日期 2010.11.24 用户 CUSTOMER
签字 SIGN / 日期 DATE (FORM# ZPQC-MT01)	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33727		DATE 日期 2010.11.24	PAGE OF 页码 5/11	Revision No: 0
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS		
DRAWING NO. 图号: DP3029 DECK PLATE SPLICE		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. 28 th , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3029-001-261				ACC.		100%MT
DP3029-001-262				ACC.		100%MT
DP3029-001-272				ACC.		100%MT
DP3029-001-273				ACC.		100%MT
DP3029-001-031				ACC.		100%MT
DP3029-001-032				ACC.		100%MT
DP3029-001-041				ACC.		100%MT
DP3029-001-042				ACC.		100%MT
DP3029-001-051				ACC.		100%MT
DP3029-001-052				ACC.		100%MT
DP3029-001-061				ACC.		100%MT
DP3029-001-062				ACC.		100%MT
DP3029-001-073				ACC.		100%MT
DP3029-001-074				ACC.		100%MT
DP3029-001-083				ACC.		100%MT

EXAMINED BY 主探 Sun Gongchang <i>Sun Gongchang</i>	REVIEWED BY 审核 <i>Deng A cheng</i>
LEVEL - II SIGN 签名 / DATE 日期 2010.11.24	LEVEL-II SIGN / DATE 日期 2010.11.24
质量经理 / QCM	用户 CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33727		DATE 日期 2010.11.24	PAGE OF 页码 6/11	Revision No: 0
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS		
DRAWING NO. 图号: DP3029 DECK PLATE SPLICE		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. 28 ST , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3029-001-084				ACC.		100%MT
DP3029-001-093				ACC.		100%MT
DP3029-001-094				ACC.		100%MT
DP3029-001-103				ACC.		100%MT
DP3029-001-104				ACC.		100%MT
DP3029-001-115				ACC.		100%MT
DP3029-001-116				ACC.		100%MT
DP3029-001-125				ACC.		100%MT
DP3029-001-126				ACC.		100%MT
DP3029-001-135				ACC.		100%MT
DP3029-001-136				ACC.		100%MT
DP3029-001-145				ACC.		100%MT
DP3029-001-146				ACC.		100%MT
DP3029-001-157				ACC.		100%MT
DP3029-001-158				ACC.		100%MT

EXAMINED BY 主操 Sun Gongchang <i>Sun Gongchang</i> LEVEL - II SIGN 签名 / DATE 日期 2010.11.24	REVIEWED BY 审核 <i>Ding A chang</i> LEVEL-II SIGN / DATE 日期 2010-11-24
质量经理 / QCM	用户 CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33727		DATE日期 2010.11.24	PAGE OF页码 7/11	Revision No: 0
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS		
DRAWING NO. 图号: DP3029 DECK PLATE SPLICE		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. 28 ST , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/14mm	
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			
DP3029-001-167				ACC.		100%MT
DP3029-001-168				ACC.		100%MT
DP3029-001-177				ACC.		100%MT
DP3029-001-178				ACC.		100%MT
DP3029-001-187				ACC.		100%MT
DP3029-001-188				ACC.		100%MT
DP3029-001-164				ACC.		100%MT
DP3029-001-165				ACC.		100%MT
DP3029-001-174				ACC.		100%MT
DP3029-001-175				ACC.		100%MT
DP3029-001-184				ACC.		100%MT
DP3029-001-185				ACC.		100%MT
DP3029-001-194				ACC.		100%MT
DP3029-001-195				ACC.		100%MT
DP3029-001-196				ACC.		100%MT

EXAMINED BY主探 Sun Gongchang <i>Sun Gongchang</i> 2010.11.24	REVIEWED BY审核 <i>Ding A cheng</i> 2010.11.24
LEVEL - II SIGN 签名 / DATE日期	LEVEL-II SIGN / DATE日期
质量经理 / QCM	用户CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33727		DATE 日期 2010.11.24	PAGE OF 页码 8/11	Revision No: 0		
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS				
DRAWING NO. 图号: DP3029 DECK PLATE SPLICE		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. 28 th , 2010			
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644			
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 <input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度 A709M-345T2-X 12/14mm					
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			
DP3029-001-197				ACC.		100%MT
DP3029-001-206				ACC.		100%MT
DP3029-001-207				ACC.		100%MT
DP3029-001-216				ACC.		100%MT
DP3029-001-217				ACC.		100%MT
DP3029-001-226				ACC.		100%MT
DP3029-001-227				ACC.		100%MT
DP3029-001-236				ACC.		100%MT
DP3029-001-237				ACC.		100%MT
DP3029-001-238				ACC.		100%MT
DP3029-001-239				ACC.		100%MT
DP3029-001-248				ACC.		100%MT
DP3029-001-249				ACC.		100%MT
DP3029-001-258				ACC.		100%MT
DP3029-001-259				ACC.		100%MT
EXAMINED BY 主探 Sun Gongchang <i>Sun Gongchang</i>		REVIEWED BY 审核 <i>Ding A Cheng</i>				
LEVEL - II SIGN 签名 / DATE 日期 2010.11.24		LEVEL-II SIGN / DATE 日期 2010.11.24				
质量经理 / QCM		用户 CUSTOMER				
签字 SIGN / 日期 DATE		签字 SIGN / 日期 DATE				



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33727		DATE日期 2010.11.24	PAGE OF页码 9/11	Revision No: 0
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS		
DRAWING NO. 图号: DP3029 DECK PLATE SPLICE		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. 28 ST , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3029-001-269				ACC.		100%MT
DP3029-001-270				ACC.		100%MT
DP3029-001-279				ACC.		100%MT
DP3029-001-280				ACC.		100%MT
DP3029-001-028				ACC.		100%MT
DP3029-001-029				ACC.		100%MT
DP3029-001-038				ACC.		100%MT
DP3029-001-039				ACC.		100%MT
DP3029-001-048				ACC.		100%MT
DP3029-001-049				ACC.		100%MT
DP3029-001-058				ACC.		100%MT
DP3029-001-059				ACC.		100%MT
DP3029-001-068				ACC.		100%MT
DP3029-001-069				ACC.		100%MT
DP3029-001-070				ACC.		100%MT

EXAMINED BY 主探 Sun Gongchang <i>Sun Gongchang</i>	REVIEWED BY 审核 <i>Ding A Chang</i>
LEVEL - II SIGN 签名 / DATE日期 2010.11.24	LEVEL-II SIGN / DATE日期 2010.11.24
质量经理 / QCM	用户CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33727		DATE日期 2010.11.24	PAGE OF页码 10/11	Revision No: 0
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS		
DRAWING NO. 图号: DP3029 DECK PLATE SPLICE		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. 28 ST , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3029-001-071				ACC.		100%MT
DP3029-001-080				ACC.		100%MT
DP3029-001-081				ACC.		100%MT
DP3029-001-090				ACC.		100%MT
DP3029-001-091				ACC.		100%MT
DP3029-001-100				ACC.		100%MT
DP3029-001-101				ACC.		100%MT
DP3029-001-110				ACC.		100%MT
DP3029-001-111				ACC.		100%MT
DP3029-001-112				ACC.		100%MT
DP3029-001-113				ACC.		100%MT
DP3029-001-122				ACC.		100%MT
DP3029-001-123				ACC.		100%MT
DP3029-001-132				ACC.		100%MT
DP3029-001-133				ACC.		100%MT

EXAMINED BY 主探 Sun Gongchang <i>Sun Gongchang</i> LEVEL - II SIGN 签名 / DATE日期 2010. 11.24	REVIEWED BY 审核 <i>Ding Jin A Cheng</i> LEVEL-II SIGN / DATE日期 2010. 11.24
质量经理 / QCM	用户CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33727		DATE 日期 2010.11.24	PAGE OF 页码 11/11	Revision No: 0
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS		
DRAWING NO. 图号: DP3029 DECK PLATE SPLICE		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. 28 ST , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3029-001-142				ACC.		100%MT
DP3029-001-143				ACC.		100%MT
DP3029-001-152				ACC.		100%MT
DP3029-001-153				ACC.		100%MT
DP3029-001-154				ACC.		100%MT
DP3029-001-155				ACC.		100%MT
BLANK						

EXAMINED BY 主操 Sun Gongchang <i>Sun Gongchang</i> 2010.11.24	REVIEWED BY 审核 <i>Ding A cheng</i> 2010.11.24
LEVEL - II SIGN 签名 / DATE 日期	LEVEL - II SIGN / DATE 日期
质量经理 / QCM	用户 CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33728		DATE 日期 2010.11.24	PAGE OF 页码 1/13	Revision No: 0
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS		
DRAWING NO. 图号: DP3028 DECK PLATE SPLICE		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. 28 ST , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3028-001-179				ACC.		100%MT
DP3028-001-184				ACC.		100%MT
DP3028-001-189				ACC.		100%MT
DP3028-001-194				ACC.		100%MT
DP3028-001-199				ACC.		100%MT
DP3028-001-204				ACC.		100%MT
DP3028-001-209				ACC.		100%MT
DP3028-001-214				ACC.		100%MT
DP3028-001-221				ACC.		100%MT
DP3028-001-226				ACC.		100%MT
DP3028-001-231				ACC.		100%MT
DP3028-001-236				ACC.		100%MT
DP3028-001-241				ACC.		100%MT
DP3028-001-246				ACC.		100%MT
DP3028-001-251				ACC.		100%MT

EXAMINED BY 主探 Ding Acheng <i>Ding Acheng</i> 2010. 11. 24	REVIEWED BY 审核 <i>Sun Gang chong</i>
LEVEL - II SIGN 签名 <i>Ding Acheng</i> DATE 日期 2010. 11. 24	LEVEL - II SIGN 1 DATE 日期 2010. 11. 24
质量经理 / QCM	用户 CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33728		DATE日期 2010.11.24	PAGE OF页码 2/13	Revision No: 0
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS		
DRAWING NO. 图号: DP3028 DECK PLATE SPLICE		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. 28 ST , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3028-001-246				ACC.		100%MT
DP3028-001-261				ACC.		100%MT
DP3028-001-266				ACC.		100%MT
DP3028-001-273				ACC.		100%MT
DP3028-001-278				ACC.		100%MT
DP3028-001-283				ACC.		100%MT
DP3028-001-288				ACC.		100%MT
DP3028-001-293				ACC.		100%MT
DP3028-001-298				ACC.		100%MT
DP3028-001-303				ACC.		100%MT
DP3028-001-308				ACC.		100%MT
DP3028-001-313				ACC.		100%MT
DP3028-001-318				ACC.		100%MT
DP3028-001-013				ACC.		100%MT
DP3028-001-018				ACC.		100%MT

EXAMINED BY 主探 Ding Acheng <i>Ding Acheng</i>	REVIEWED BY 审核 <i>Sun Gang cheng</i>
LEVEL - II SIGN 签名 / DATE日期 <i>2010.11.24</i>	LEVEL-II SIGN / DATE日期 <i>2010.11.24</i>
质量经理 / QCM	用户 CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33728		DATE 日期 2010.11.24	PAGE OF 页码 3/13	Revision No: 0
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS		
DRAWING NO. 图号: DP3028 DECK PLATE SPLICE		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. 28 th , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3028-001-023				ACC.		100%MT
DP3028-001-028				ACC.		100%MT
DP3028-001-033				ACC.		100%MT
DP3028-001-038				ACC.		100%MT
DP3028-001-043				ACC.		100%MT
DP3028-001-048				ACC.		100%MT
DP3028-001-053				ACC.		100%MT
DP3028-001-058				ACC.		100%MT
DP3028-001-065				ACC.		100%MT
DP3028-001-070				ACC.		100%MT
DP3028-001-075				ACC.		100%MT
DP3028-001-080				ACC.		100%MT
DP3028-001-085				ACC.		100%MT
DP3028-001-090				ACC.		100%MT
DP3028-001-095				ACC.		100%MT

EXAMINED BY 主探 Ding Acheng <i>Ding Acheng</i> LEVEL-II SIGN 签名 / DATE 日期 2010.11.24	REVIEWED BY 审核 <i>Sun Gongchang</i> LEVEL-II SIGN 签字 / DATE 日期 2010.11.24
质量经理 / QCM 签字 SIGN / 日期 DATE	用户 CUSTOMER 签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33728 DATE日期 2010.11.24 PAGE OF页码 4/13 Revision No: 0

PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS	
DRAWING NO. 图号: DP3028 DECK PLATE SPLICE		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. 28 th , 2010
EQUIPMENT 设备: MT YOKE	MANUFACTURER 制造商: KOREA	MODEL NO. 样式编号: MP-A2L	SERIAL NO. 连续编号: MP1644
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: <input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造		Material & thickness 母材, 厚度: A709M-345T2-X 12/14mm	
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			
DP3028-001-100				ACC.		100%MT
DP3028-001-105				ACC.		100%MT
DP3028-001-110				ACC.		100%MT
DP3028-001-117				ACC.		100%MT
DP3028-001-122				ACC.		100%MT
DP3028-001-127				ACC.		100%MT
DP3028-001-132				ACC.		100%MT
DP3028-001-137				ACC.		100%MT
DP3028-001-142				ACC.		100%MT
DP3028-001-147				ACC.		100%MT
DP3028-001-152				ACC.		100%MT
DP3028-001-157				ACC.		100%MT
DP3028-001-162				ACC.		100%MT
DP3028-001-169				ACC.		100%MT
DP3028-001-174				ACC.		100%MT

EXAMINED BY 主探: <u>Ding Acheng</u> Ding Acheng DATE日期: 2010.11.24 LEVEL-II SIGN 签名: _____ 质量经理 / QCM: _____ 签字 SIGN / 日期 DATE: _____	REVIEWED BY 审核: <u>Sun Gang cheng</u> Sun Gang cheng DATE日期: 2010.11.24 LEVEL-II SIGN: _____ 用户 CUSTOMER: _____ 签字 SIGN / 日期 DATE: _____
---	---



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33728		DATE日期 2010.11.24	PAGE OF页码 5/13	Revision No: 0
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS		
DRAWING NO. 图号: DP3028 DECK PLATE SPLICE		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. 28 ST , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3028-001-180				ACC.		100%MT
DP3028-001-181				ACC.		100%MT
DP3028-001-190				ACC.		100%MT
DP3028-001-191				ACC.		100%MT
DP3028-001-200				ACC.		100%MT
DP3028-001-201				ACC.		100%MT
DP3028-001-210				ACC.		100%MT
DP3028-001-211				ACC.		100%MT
DP3028-001-222				ACC.		100%MT
DP3028-001-223				ACC.		100%MT
DP3028-001-232				ACC.		100%MT
DP3028-001-233				ACC.		100%MT
DP3028-001-242				ACC.		100%MT
DP3028-001-243				ACC.		100%MT
DP3028-001-252				ACC.		100%MT

EXAMINED BY 主操 Ding Acheng <i>Ding Acheng</i> LEVEL - II SIGN 签名 / DATE日期 2010.11.24	REVIEWED BY 审核 <i>Sun Gongchang</i> LEVEL-II SIGN / DATE日期 2010.11.24
质量经理 / QCM	用户 CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33728 DATE日期 2010.11.24 PAGE OF页码 6/13 Revision No: 0

PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS	
DRAWING NO. 图号: DP3028 DECK PLATE SPLICE		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. 28 th , 2010
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm
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			
DP3028-001-253				ACC.		100%MT
DP3028-001-262				ACC.		100%MT
DP3028-001-263				ACC.		100%MT
DP3028-001-274				ACC.		100%MT
DP3028-001-275				ACC.		100%MT
DP3028-001-284				ACC.		100%MT
DP3028-001-285				ACC.		100%MT
DP3028-001-294				ACC.		100%MT
DP3028-001-295				ACC.		100%MT
DP3028-001-304				ACC.		100%MT
DP3028-001-305				ACC.		100%MT
DP3028-001-314				ACC.		100%MT
DP3028-001-315				ACC.		100%MT
DP3028-001-014				ACC.		100%MT
DP3028-001-015				ACC.		100%MT

EXAMINED BY 主探 Ding Acheng <i>Ding Acheng</i> LEVEL - II SIGN 签名 / DATE日期 2010.11.24	REVIEWED BY 审核 Sun Gongchang <i>Sun Gongchang</i> LEVEL-II SIGN / DATE日期 2010.11.24
质量经理 / QCM _____ 签字 SIGN / 日期 DATE	用户 CUSTOMER _____ 签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33728		DATE日期 2010.11.24	PAGE OF页码 7/13	Revision No: 0
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS		
DRAWING NO. 图号: DP3028 DECK PLATE SPLICE		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. 28 ST , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3028-001-024				ACC.		100%MT
DP3028-001-025				ACC.		100%MT
DP3028-001-034				ACC.		100%MT
DP3028-001-035				ACC.		100%MT
DP3028-001-044				ACC.		100%MT
DP3028-001-045				ACC.		100%MT
DP3028-001-054				ACC.		100%MT
DP3028-001-055				ACC.		100%MT
DP3028-001-066				ACC.		100%MT
DP3028-001-067				ACC.		100%MT
DP3028-001-076				ACC.		100%MT
DP3028-001-077				ACC.		100%MT
DP3028-001-086				ACC.		100%MT
DP3028-001-087				ACC.		100%MT
DP3028-001-096				ACC.		100%MT

EXAMINED BY 主探 Ding Acheng <i>Ding Acheng</i> 2010.11.24	REVIEWED BY 审核 Sun Gong cheng <i>Sun Gong cheng</i> 2010.11.24
LEVEL - II SIGN 签名 DATE 日期	LEVEL - II SIGN 日期 DATE
质量经理 / QCM	用户 CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33728

DATE日期 2010.11.24

PAGE OF页码 8/13

Revision No: 0

PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS	
DRAWING NO. 图号: DP3028 DECK PLATE SPLICE		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. 28 ST , 2010
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm
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			
DP3028-001-097				ACC.		100%MT
DP3028-001-106				ACC.		100%MT
DP3028-001-107				ACC.		100%MT
DP3028-001-118				ACC.		100%MT
DP3028-001-119				ACC.		100%MT
DP3028-001-128				ACC.		100%MT
DP3028-001-129				ACC.		100%MT
DP3028-001-138				ACC.		100%MT
DP3028-001-139				ACC.		100%MT
DP3028-001-148				ACC.		100%MT
DP3028-001-149				ACC.		100%MT
DP3028-001-158				ACC.		100%MT
DP3028-001-159				ACC.		100%MT
DP3028-001-170				ACC.		100%MT
DP3028-001-171				ACC.		100%MT

EXAMINED BY主探
Ding Acheng *Ding Acheng*
LEVEL - II SIGN 签名 / DATE日期 2010.11.24

质量经理 / QCM

签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

REVIEWED BY审核
Sun Gong cheng
LEVEL-II SIGN / DATE日期 2010.11.24

用户CUSTOMER

签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33728		DATE日期 2010.11.24	PAGE OF页码 9/13	Revision No: 0
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS		
DRAWING NO. 图号: DP3028 DECK PLATE SPLICE		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. 28 th , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3028-001-155				ACC.		100%MT
DP3028-001-156				ACC.		100%MT
DP3028-001-165				ACC.		100%MT
DP3028-001-166				ACC.		100%MT
DP3028-001-167				ACC.		100%MT
DP3028-001-168				ACC.		100%MT
DP3028-001-177				ACC.		100%MT
DP3028-001-178				ACC.		100%MT
DP3028-001-187				ACC.		100%MT
DP3028-001-188				ACC.		100%MT
DP3028-001-197				ACC.		100%MT
DP3028-001-198				ACC.		100%MT
DP3028-001-207				ACC.		100%MT
DP3028-001-208				ACC.		100%MT
DP3028-001-217				ACC.		100%MT

EXAMINED BY 主探 Ding Acheng	REVIEWED BY 审核 Sun Dong cheng
LEVEL - II SIGN 签名 DATE日期 2010.11.24	LEVEL-II SIGN 日期 DATE日期 2010.11.24
质量经理 / QCM	用户CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33728		DATE日期 2010.11.24	PAGE OF页码 10/13	Revision No: 0
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS		
DRAWING NO. 图号: DP3028 DECK PLATE SPLICE		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. 28 ST , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材,厚度	A709M-345T2-X 12/14mm	
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			
DP3028-001-218				ACC.		100%MT
DP3028-001-219				ACC.		100%MT
DP3028-001-220				ACC.		100%MT
DP3028-001-229				ACC.		100%MT
DP3028-001-230				ACC.		100%MT
DP3028-001-239				ACC.		100%MT
DP3028-001-240				ACC.		100%MT
DP3028-001-249				ACC.		100%MT
DP3028-001-250				ACC.		100%MT
DP3028-001-259				ACC.		100%MT
DP3028-001-260				ACC.		100%MT
DP3028-001-269				ACC.		100%MT
DP3028-001-270				ACC.		100%MT
DP3028-001-271				ACC.		100%MT
DP3028-001-272				ACC.		100%MT

EXAMINED BY 主探 Ding Acheng <i>Ding Acheng</i> LEVEL - II SIGN 签名 <i>Ding Acheng</i> DATE日期 2010.11.24	REVIEWED BY 审核 <i>San Gang Chang</i> LEVEL-II SIGN <i>San Gang Chang</i> DATE日期 2010.11.24
质量经理 / QCM	用户CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33728		DATE日期 2010.11.24	PAGE OF页码 11/13	Revision No: 0
PROJECT NO. 工程编号: ZP06-787		CONTRACTOR: 用户: CALTRANS		
DRAWING NO. 图号: DP3028 DECK PLATE SPLICE		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. 28 th , 2010	
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644	
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm	
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			
DP3028-001-281				ACC.		100%MT
DP3028-001-282				ACC.		100%MT
DP3028-001-291				ACC.		100%MT
DP3028-001-292				ACC.		100%MT
DP3028-001-301				ACC.		100%MT
DP3028-001-302				ACC.		100%MT
DP3028-001-311				ACC.		100%MT
DP3028-001-312				ACC.		100%MT
DP3028-001-321				ACC.		100%MT
DP3028-001-322				ACC.		100%MT
DP3028-001-011				ACC.		100%MT
DP3028-001-012				ACC.		100%MT
DP3028-001-021				ACC.		100%MT
DP3028-001-022				ACC.		100%MT
DP3028-001-031				ACC.		100%MT

EXAMINED BY 主探 Ding Acheng <i>Ding A Cheng</i> LEVEL - II SIGN 签名 <i>N</i> DATE日期 2010.11.24	REVIEWED BY 审核 <i>Sun Gong Chang</i> LEVEL-II SIGN <i>T</i> DATE日期 2010.11.24
质量经理 / QCM	用户CUSTOMER
签字 SIGN / 日期 DATE	签字 SIGN / 日期 DATE



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33728		DATE 日期 2010.11.24		PAGE OF 页码 12/13	Revision No: 0	
PROJECT NO. 工程编号: ZP06-787			CONTRACTOR: 用户: CALTRANS			
DRAWING NO. 图号: DP3028 DECK PLATE SPLICE			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. 28 ST , 2010			
EQUIPMENT 设备 MT YOKE	MANUFACTURER 制造商 KOREA	MODEL NO. 样式编号 MP-A2L	SERIAL NO. 连续编号 MP1644			
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	<input checked="" type="checkbox"/> WELDING 焊接件 <input type="checkbox"/> CASTING 铸件 <input type="checkbox"/> FORGING 锻造	Material & thickness 母材, 厚度	A709M-345T2-X 12/14mm			
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			
DP3028-001-032				ACC.		100%MT
DP3028-001-041				ACC.		100%MT
DP3028-001-042				ACC.		100%MT
DP3028-001-051				ACC.		100%MT
DP3028-001-052				ACC.		100%MT
DP3028-001-061				ACC.		100%MT
DP3028-001-062				ACC.		100%MT
DP3028-001-063				ACC.		100%MT
DP3028-001-064				ACC.		100%MT
DP3028-001-073				ACC.		100%MT
DP3028-001-074				ACC.		100%MT
DP3028-001-083				ACC.		100%MT
DP3028-001-084				ACC.		100%MT
DP3028-001-093				ACC.		100%MT
DP3028-001-094				ACC.		100%MT
EXAMINED BY 主操 Ding Acheng <i>Ding A Cheng</i> 2010.11.24			REVIEWED BY 审核 Sun Gong Cheng <i>Sun Gong Cheng</i> 2010.11.24			
LEVEL - II SIGN 签名 <i>Ding A Cheng</i> DATE 日期 2010.11.24			LEVEL-II SIGN <i>Sun Gong Cheng</i> DATE 日期 2010.11.24			
质量经理 / QCM			用户 CUSTOMER			
签字 SIGN / 日期 DATE			签字 SIGN / 日期 DATE			



REPORT OF MAGNETIC PARTICLE EXAMINATION

磁粉检测报告

REPORT NO. 报告编号 B787-MT-33728

DATE 日期 2010.11.24

PAGE OF 页码 13/13

Revision No: 0

PROJECT NO.

ZP06-787

CONTRACTOR:

CALTRANS

工程编号:

用户:

DRAWING NO.

DP3028

CALTRANS CONTRACT NO.:

04-0120F4

图号:

DECK PLATE SPLICE

加州工程编号

REFERENCING CODE

ACCEPTANCE STANDARD

PROCEDURE NO.

CALIBRATION DUE DATE

参考规范编码

接受标准

程序编号

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

KOREA

MP-A2L

MP1644

MAGNETIZING METHOD

Continuous magnetic yoke

CURRENT

AC

磁化方法

磁轭式连续法

电流

PARTICLE TYPE

Dry magnet powder

YOKE SPACING

70~150mm

磁粉类型

干磁粉

磁轭间距

MATERIAL TO BE

 WELDING 焊接件

Material & thickness

A709M-345T2-X

EXAMINED

 CASTING 铸件

母材,厚度

检测材料

 FORGING 锻造

12/14mm

WELDING PROCESS

FCAW

TYPE OF JOINT

T-JOINT

焊接方法

焊缝类型

DISCONTINUITY 不连续性

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			
DP3028-001-103				ACC.		100%MT
DP3028-001-104				ACC.		100%MT
DP3028-001-113				ACC.		100%MT
DP3028-001-114				ACC.		100%MT
DP3028-001-115				ACC.		100%MT
DP3028-001-116				ACC.		100%MT
DP3028-001-125				ACC.		100%MT
DP3028-001-126				ACC.		100%MT
DP3028-001-135				ACC.		100%MT
DP3028-001-136				ACC.		100%MT
DP3028-001-145				ACC.		100%MT
DP3028-001-146				ACC.		100%MT

BLANK

EXAMINED BY 主探

Ding Acheng

Ding Acheng

2010.11.24

LEVEL - II SIGN 签名 DATE 日期

质量经理 / QCM

REVIEWED BY 审核

Sun Gang cheng

LEVEL-II SIGN / DATE 日期

2010.11.24

用户 CUSTOMER

签字 SIGN / 日期 DATE

签字 SIGN / 日期 DATE

(FORM# ZPQC-MT01)

NCR PROPOSED RESOLUTION

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

Attention: Siegenthaler, Peter
Resident Engineer

Ref: 05.03.06-000668

Subject: NCR No. ZPMC-0678

Dated: 06-Dec-2010

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

Job Name: SAS Superstructure

Document No.: ABF-NPR-000663 **Rev:** 02

Contractor's Proposed Resolution:

Reference Resolution: To prevent future occurrences, ZPMC will identify the inspector responsible for this and issue an internal NCR so that all inspectors continue to ensure welds meet the required size.

To prevent future occurrences, ZPMC will identify the inspector responsible for this and issue an internal NCR so that all inspectors continue to ensure welds meet the required size. Based on this and previously submitted documents ZPMC requests closure of this NCR.

Submitted by: Ishibashi, Joshua

Attachment(s): ABF-NPR-000663R02

Caltrans' comments:

Status: CLO

Date: 06-Dec-2010

The proposed resolution is acceptable. This NCR is considered closed.

Submitted by: Woo, Laraine

Attachment(s):

Date: 06-Dec-2010

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 #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: xx.25A**QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION****Location:** Changxing Island, Shanghai, P.R. China**Report No:** NCS-000841**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**Date:** 06-Dec-2010**Submitting Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **NCR #:** ZPMC-0678**Type of problem:**

Welding	Concrete	Other	
Welding	Curing	Procedural	Bridge No: 34-0006
Joint fit-up	Coating	Other	Component:
Procedural	Procedural	Descriptor:	

Date the Non-Conformance Report was written: 18-Apr-2010**Description of Non-Conformance:**

During Quality Assurance (QA) random in-process observations of the fabrication of Segment 12CE, this QA Inspector discovered the following issue:

- ZPMC welded oversize fillet welds in a single pass at a U-rib to Deck Plate Diaphragm connection.
- The QA inspector measured the fillet weld size of the U-rib to Deck Plate Diaphragm and found these welds to be approximately 15mm to 18mm.
- The Deck Plates affected are identified as DP3027-001, DP3028-001 and DP3029-001.
- The Deck Plate Diaphragm piece marks are identified as: X3032B
- The U-Rib piece mark is identified as: RS3013C
- The Deck Plate Diaphragm panel points (PP) are PP115 to PP117.
- The steel plate material is designated as non-Seismic Performance Critical Member (non SPCM).
- According to the approved WPS the fillet weld size should be no more than 9mm in a single pass utilizing the 3F position.

Contractor's proposal to correct the problem:

Contractor will identify, and issue an internal NCR to the inspector who responsible for the welds do not meet the required size. Contractor will educate the inspector to ensure the welds meet the required sizes.

Corrective action taken:

Contractor identified, and issued an internal NCR to the inspector who is responsible. Contractor educated him to ensure the size of the welds must meet the requirement. The welds in question have been ground to the appropriate size.

Did corrective action require Engineer's approval? Yes No**If so, name of Engineer providing approval:****Date:****Is Engineer's approval attached?**

QUALITY ASSURANCE -- NON-CONFORMANCE RESOLUTION

(*Continued Page 2 of 2*)

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 Wahbeh, Mazen 818-292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Ng,Michael	Quality Assurance Inspector
Reviewed By:	Wahbeh,Mazen	QA Reviewer
