

 		PROJECT	Standby SRU & Additional Tanks	
			IOCL Paradip Refinery	
		CLIENT	INDIAN OIL CORPORATION LIMITED	
QCP-WELDERS MANAGEMENT	Project No. 080557C001	Document No. 080557C-000-QCP-1399-001	Rev. No. A	Page 1 of 2
<b>QUALITY CONTROL PLAN</b> <b>WELDERS MANAGEMENT</b>				

TYPE OF QUALITY CONTROL REPORT	CERTIFICATION EXTENT
W 07	SINGLE LIST PER EACH WORK SHOP / SITE
W 19	SUMMARY
W 21	SINGLE REPORT PER EACH WELDER
W 22	WEEKLY REPORT



#### REFERENCE DOCUMENTS:

- 080557C-000-PP-805 Site Coordination & Communicaiton Procedure.
- 080557C-000-PP-814 Welding Specification for Fabrication of Piping
- 080557C-000-PP-807 Material Receiving Handling & Storage procedure
- 080557C-000-PP-804 Specification for Positive Material Identification at Construction Site
- QCP 1399.002 Piping Welding Activities Management (NDE / PWHT / HT / PMI Included)
- 080557C-000-JSC-1300-001 Standard Specification for Fabrication and Erection of Piping
- 080557C-000-PP-821 Job Construction Specification for Welders Management
- DRAWINGS

#### LEGENDA

- H = HOLD (RFI required - Work stop for inspection)  
 W = WITNESS (RFI required)  
 WC = 100 % SUPERVISION AND EXAMINATION BY CONTRACTOR.  
 S = SURVEILLANCE (No RFI)  
 R = REVIEW OF REPORTS  
 N.A. = NOT APPLICABLE  
 A = AUTHORIZATION / APPROVAL  
 IFA = ISSUED FOR AUTHORIZATION/APPROVAL  
 INFO = FOR INFORMATION  
 RFI = REQUEST FOR INSPECTION  
 ! = WARNING (control of document revision status)

A	19/10/2019	ISSUED FOR INFROMATION	SMP	PKP	LA/ANJ	JMC
REV.	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED	AUTHORIZED

 <b>TechnipFMC</b> 	<b>PROJECT</b>		<b>Standby SRU &amp; Additional Tanks</b>	
	<b>CLIENT</b>		<b>IOCL Paradip Refinery</b>	
<b>QCP-WELDERS MANAGEMENT</b>	<b>Project No.</b> 080557C001	<b>Document No.</b> 080557C-000-QCP-1399-001	<b>Rev. No.</b> A	Page 2 of 2



S.No	CHECK AND INSPECTION ITEM	QUALITY CONTROL REPORT	ACTION		NOTES
			CONTR.	TECHNIP	
<b>A) PRELIMINARY ACTIVITIES</b>					
A.1	CONTRACTOR DRAWINGS CHECK REVISION STATUS	N.A.	!	!	
A.2	CONTRACTOR TECHNICAL SPECIFICATIONS AND PROCEDURES	N.A.	!	!	
A.3	SITE SHOP FOR WELDER'S TESTING IS INSPECTED AND APPROVED	N.A.	WC	A	
<b>B) WELDER'S QUALIFICATION AT PREFABRIC. SHOP</b>					
B.1	WELDERS' QUALIFICATION BY INDEPENDENT RECOGNIZED THIRD PARTY ORGANIZATION	ASME or Equiv.	R	R	
B.2	WELDER QUALIFICATION WITH "TEST COUPON" & APPROVAL	W 19	WC	W/A	(1)
B.3	WELDERS IDENTIFICATION (STAMP) AND CARDS ASSIGNMENT	W 07	WC	A	
B.4	SHOP WELDERS LIST UP-TO-DATE	W 07	WC	R	
B.5	"PERIODICAL EVALUATION" (WEEKLY REPORT - AT SHOP)	W 22	WC	R	(1)
<b>C) TRANSFER OF WELDERS FROM "PREFABR. SHOP" TO "SITE"</b>					
C.1	SITE WELDERS LIST UP-TO-DATE	W 07	WC	R	
C.2	"CONTROL EVALUATION" AT SITE WORK STARTING	First 2 joints	WC	R/S	
C.3	"PERIODICAL EVALUATION" (WEEKLY REPORT - AT SITE)	W 22	WC	R	(1)
<b>D) WELDER'S QUALIFICATION AT SITE</b>					
D.1	WELDERS' QUALIFICATION BY INDEPENDENT RECOGNIZED THIRD PARTY ORGANIZATION	ASME or Equiv.	R	R	
D.2	WELDER QUALIFICATION WITH "TEST COUPON"	W 19	WC	W	(1)
D.3	WELDERS IDENTIFICATION (STAMP) AND CARDS ASSIGNMENT	W 07	WC	A R	
D.4	SITE WELDERS LIST UP-TO-DATE	W 07	WC	R/S	
D.5	"CONTROL EVALUATION" AT SITE WORK STARTING	First 2 joints	WC	R	
D.6	"PERIODICAL EVALUATION" (WEEKLY REPORT - AT SITE)	W 22	WC	R	(1)
<b>E) WELDERS HISTORY</b>		W 21	WC	W	(1)
<b>F) TACK WELDERS QUALIFICATION (AT SHOP &amp; AT SITE)</b>		Subc. Form	WC		

**REMARKS:** (\*) FOR THIS QCP "WELDER" HAS THE MEANING OF **WELDER & WELDING OPERATOR**

**NOTES:** (1) THESE REPORTS WILL BE ALWAYS AVAILABLE DURING PREFABRICATION/ERECTION BUT NOT INCLUDED IN THE SHOP/CONSTRUCTION QUALITY DOSSIER.

#### GENERAL NOTES

- THE ENCLOSED ITP'S ARE INDICATIVE AND SHALL BE FOLLOWED FOR DEVELOPING THE JOB SPECIFIC ITP'S FOR THE WORKS TO BE PERFORMED BY THE CONTRACTOR. THE PROVISIONS INDICATED FOR STAGE WISE INSPECTION BY TECHNIP AND OWNER (FOR SPECIFIC ACTIVITIES) ARE THE MINIMUM AND THE ENGINEER-IN- CHARGE MAY DECIDE TO INCREASE HOLD POINTS/ WITNESS POINTS, WHILE APPROVING THE JOB SPECIFIC ITP'S. ACTIVITIES FOR WHICH ITP'S ARE NOT PROVIDED IN THIS SPECIFICATION. CONTRACTOR TO DEVELOP AND GET THE SAME APPROVED BY TECHNIP/OWNER BEFORE START OF THE WORK. IN GENERAL ROLE OF TECHNIP HAS BEEN SPECIFIED IN THE DOCUMENT THE ROLE OF OWNER TO BE SPECIFIED DURING PREPARATION OF SITE SPECIFIC ITP'S.
- CONTRACTOR TO SUBMIT JOB SPECIFIC REPORTING FORMATS AND JOB PROCEDURES FOR THE JOBS FOR EACH ACTIVITY LISTED IN THE ITP'S AND SUBMIT TO TECHNIP/OWNER FOR APPROVAL. BEFORE COMMENCEMENT OF THE ACTIVITY. IF THE CONTRACTOR HAS TO DEVIATE FROM THE GIVEN ITP FOR A VALID REASON, HE SHALL OBTAIN PRIOR WRITTEN APPROVAL OF TECHNIP/OWNER. CONTRACTOR TO CARRY OUT 100% EXAMINATION OF ALL ACTIVITIES.

 				PROJECT:								
				COMPANY:								
QUALITY CONTROL FORM				W 07		PROJ. No :		QCF REV. A		SH. ____ OF ____		
WELDERS LIST				SUBCONTRACTOR:					W 07 N° _____			
WELDERS DATA						QUALIFICATION DATA						
NAME		WELDER STAMP No.	WORK CATEGORY			WQR		PROCESS	MTL (PN)	POS.	DIA Inch	THK mm
FAMILY	FIRST		PIPING	PRESS. VESSEL	STRUCT.	No.	DATE					
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
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			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>							
INSPECTORS		CONTRACTOR				PMC			OWNER			
NAME												
SIGNATURE												
DATE												



COMPANY:

W 19

SH. \_ OF \_

W 19 N°

[illegible]

**NOTE:** (1) YES MEANS APPROVAL FOR RADIOGRAPHIC EXAMINATION





COMPANY:

**W 22**

SH. \_\_\_\_ OF \_\_\_\_

## W 22 N°

MATERIAL : \_\_\_\_\_ PIPING CLASSES: \_\_\_\_\_ RT% \_\_\_\_\_

## CUMULATIVE DATA

[illegible]

Date: