	PROJECT	Standby SRU & Additional Tanks IOCL Paradip Refinery		
	CLIENT	INDIAN OIL CORPORATION LIMITED		
QCP-EOT / BRIDGE CRANE INSTALLATION	Project No. 080557C001	Document No. 080557C-000-QCP-6882-001	Rev. No. 0	Page 1 of 4

QUALITY CONTROL PLAN

EOT / BRIDGE CRANE INSTALLATION



TYPE OF QUALITY CONTROL REPORT	CERTIFICATION EXTENT
BC 01	SINGLE REPORT FOR EACH ITEM

REFERENCE DOCUMENTS:

- 080557C-000-PP-805 Site Coordination & Communication Procedure.
- 080557C-000-PP-807 Material Receiving, Inspection, Handling, Storage & Preservation
- 080557C-000-PP-804 Specification for Positive Material Identification at Construction Site.
- 080557C-000-JSD-2200-001 Job Specification for Hot Insulation of Vessels, Piping and Equipment
- 080557C-000-JSD-2200-002 Job Specification for Cold Insulation of Vessels, Piping and Equipment
- 080557C-000-PP-820 Standard specification for inspection, flushing and testing of piping systems & Equipment
- 080557C-000-JSC-0000-003 Standard specification for Erection of Equipment & Machinery
- DRAWINGS



0	15.11.2019	ISSUED FOR IMPLEMENTATION	TB	PKP / LA	LA	JMC
REV.	DATE	STATUS	WRITTEN BY	CHECKED BY	APPROVED BY	AUTHOR. BY
DOCUMENT REVISIONS						

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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
!	=	WARNING (control of document revision status)

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S.NO	CHECK AND INSPECTION ITEM	APPLICABLE SPEC. & CODES	QUALITY CONTROL REPORT	ACTIONS		NOTES
				CONT.	TECHNIP	
A)	PRELIMINARY ACTIVITIES	See Reference Documents				
A.1	MFR DRAWINGS CHECK REVISION STATUS		N.A.	!	!	
A.2	MFR OPERATING AND MAINTENANCE MANUAL (OMM)		N.A.	R	INFO	(1)
A.3	CONTRACTOR METHOD STATEMENT & ENGINEERED LIFTING STUDY (IF REQUIRED)		N.A.	IFA	A	(1)
A.4	EQUIPMENT AND ACCESSORIES IDENTIFICATION AND CONSERVATION STATUS		N.A.	H	S	
A.5	CONCRETE FOUNDATION OR SUPPORT STRUCTURE ACCEPTANCE		BC 01	H	R	
A.6	STEEL STRUCTURE (IF ANY)	QCP 1812.01 MFR DWGs				(2)
A.7	WELDING ACTIVITIES MANAGEMENT (NDE / PWHT / HT / PMI INCLUDED)	QCP 1399.02 MFR DWGs				(2)
B)	BRIDGE CRANE MECHANICAL WORKS	MFR OMM MFR DWGs				
B.1	RAILS PRE-FIXING		BC 01	WC	W/R	
B.1a	• RAILS ALIGNMENT					
B.1b	• RAILS PARALLELISM					
B.1c	• RAILS LEVELLING					
B.2	RAILS FINAL FIXING		BC 01	WC	W/R	
B.3	PRE-ASSEMBLED END TRUCKS AND GIRDER		BC 01	WC	R	
B.4	BRIDGE CRANE LIFTING AND SETTING		BC 01	WC	R	
B.5	TROLLEY HOIST INSTALLATION AND NAMEPLATE CHECK (INCLUDING THE ALIGNMENT OF THE TROLLEY ON THE RUNWAY BEAM)		BC 01	WC	R	
B.6	SECONDARY EQUIPMENT INSTALLATION		BC 01	WC	R	
B.6a	• TRACTION ROPE (IF ANY)					
B.6b	• HANDRAIL (IF ANY)					
B.6c	• PLATFORM (IF ANY)					
B.6d	• STOPPERS					
B.7	FINAL INSPECTION FOR MECHANICAL WORKS		BC 01	WC	W/R	
C)	BRIDGE CRANE ELECTRICAL WORKS	MFR OMM MFR DWGs				(3)
C.1	CABLES AND FESTOON INSTALLATION		BC 01	WC	R	
C.2	SECONDARY ELECTRICAL INSTALLATION		BC 01	WC	R	
C.3	ELECTRICAL CONNECTIONS		BC 01	WC	R	
C.4	EQUIPMENT INSULATION TEST		BC 01	WC	W/R	

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S.NO	CHECK AND INSPECTION ITEM	APPLICABLE SPEC. & CODES	QUALITY CONTROL REPORT	ACTIONS		NOTES
				CONT.	TECHNIP	
C.5	CABLES INSULATION TEST	MFR OMM MFR DWGs	BC 01	WC	W/R	(4)
C.6	FINAL INSPECTION FOR ELECTRICAL WORKS		BC 01	WC	W/R	
D)	FINAL INSPECTION OF THE ASSEMBLY		BC 01	WC	R	
E)	FINAL DOCUMENTATION REVIEW		BC 01			

- NOTES: (1) A COPY OF THE DOCUMENT WILL BE DELIVERED TO COMPANY FOR INFORMATION.
- (2) FORMS, INSPECTIONS AND ATTENDANCE SHALL BE IN ACCORDANCE WITH REFERRED QCP.
- (3) FOR ELECTRICAL WORKS USE ADEQUATE ELECTRICAL QUALITY CONTROL FORMS WHERE APPLICABLE
- (4) THE BRIDGE CRANES VENDOR SPECIALIST ATTENDANCE AT FINAL INSPECTION OF THE ASSEMBLY (D) IS STRICTLY REQUIRED AT SITE.

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

BC 01

PROJ. No.:

QCF REV. 0

SH. 1 OF 1

**BRIDGE CRANE INSTALLATION
SUMMARY REPORT**

CONTRACTOR:

BC 01 N° _____

ITEM _____

VENDOR _____

DRAWINGS & REV: _____

INSPECTIONS (REF. TO QCP 6882.01)		N.A.	ACC.	REMARKS/ REFERENCES	INSPECTORS SIGNATURE & DATE		
					CONTR.	TECHNIP	OWNER
A.5	CONCRETE FOUNDATION OR SUPPORT STRUCTURE ACCEPTANCE	<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"/>	<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"/>				
	INSTALLATION	<input type="checkbox"/>	<input type="checkbox"/>				
	PLATFORM	<input type="checkbox"/>	<input type="checkbox"/>				
	STOPPERS	<input type="checkbox"/>	<input type="checkbox"/>				
		<input type="checkbox"/>	<input type="checkbox"/>				
C.1	CABLES AND FESTOON INSTALLATION	<input type="checkbox"/>	<input type="checkbox"/>				
C.2	SECONDARY ELECTRICAL INSTALLATION	<input type="checkbox"/>	<input type="checkbox"/>				
C.3	ELECTRICAL CONNECTIONS	<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"/>	<input type="checkbox"/>				

NOTES:

	INSPECTORS	CONTRACTOR	TECHNIP	OWNER
	NAME			
	SIGNATURE			
	DATE			