	PROJECT	Standby SRU & Additional Tanks IOCL Paradip Refinery		
	CLIENT	INDIAN OIL CORPORATION LIMITED		
QCP-PACAKAGES INSTALLATION	Project No. 080557C001	Document No. 080557C-000-QCP-6880-001	Rev. No. 0	Page 1 of 3

QUALITY CONTROL PLAN

PACKAGES INSTALLATION

TYPE OF QUALITY CONTROL REPORT	CERTIFICATION EXTENT
PK 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

LEGENDA

H	=	HOLD (RFI required - Work stop for inspection)
WC	=	100 % SUPERVISION AND EXAMINATION BY CONTRACTOR.
W	=	WITNESS (RFI required)
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)

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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QUALITY CONTROL PLAN PACKAGES INSTALLATION

QUALITY CONTROL ACTIVITIES

S.NO	CHECK AND INSPECTION ITEM	APPLICABLE SPEC. & CODES	QUALITY CONTROL REPORT	ACTIONS		NOTES
				CONTR.	PMC	
A)	PRELIMINARY ACTIVITIES	SEE REF. DOCUMENTS				
A.1	CONTRACTOR DRAWINGS CHECK REVISION STATUS		N.A.	!	!	
A.2	CONTRACTOR TECHNICAL SPECIFICATIONS AND PROCEDURES		N.A.	IFA	A	
A.3	VENDOR INSTALLATION MANUAL		N.A.	R	INFO	(1)
A.4	CONTRACTOR METHOD STATEMENT & ENGINEERED LIFTING STUDY (IF REQUIRED)		N.A.	IFA	A	(1)
B)	BEFORE ERECTION	See ref. Documents				
B.1	EQUIPMENT, INTERNALS AND ACCESSORIES IDENTIFICATION AND CONSERVATION STATUS		N.A.	WC	S	
B.2	FOUNDATIONS CHECKED AND RELEASED FOR EQUIPMENT ERECTION		PK 01	WC	W/R	
C)	WELDING ACTIVITIES MANAGEMENT (NDE / PWHT / PMI INCLUDED)	Use QCP 1399.02				(2)
D)	ERECTION	MFR Instal. Manual DWGs				
D.1	SKID MOUNTED PACKAGES (IF ANY)	Use QCP 6880.02	PK 02 - PK 01	WC	W/R	(2)
D.2	STATIC EQUIPMENT INSTALLATION (IF ANY)	Use QCP 6820.01	CM 01 - PK 01	WC	W/R	(2)
D.3	STEEL STRUCTURES ERECTION (IF ANY)	Use QCP 1812.01	CS 02 - PK 01	WC	R	(2)
D.4	SECONDARY STEEL STRUCTURES ERECTION (IF ANY)	Use QCP 1812.02	CS 02A - PK 01	WC	R	(2)
D.5	PIPING ERECTION (IF ANY)	Use QCP 1320.01	W51 xy - PK 01	WC	W/R	(2)
D.6	MACHINERY INSTALLATION (CENTRIFUGAL PUMPS) (IF ANY)	Use QCP 6850.01	CR 01 - PK 01	WC	W/R	(2)
D.7	INSULATION (IF ANY)	Use QCP 2200.01	CL X - PK 01	WC	W/R	(2)
D.8	PAINTING (IF ANY)	Use QCP 2300.01	CP 2 - PK 01	WC	W/R	(2)

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CONFIDENTIAL – Not to disclose without Authorization

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S.NO	CHECK AND INSPECTION ITEM	APPLICABLE SPEC. & CODES	QUALITY CONTROL REPORT	ACTIONS		NOTES
				CONTRO	PMC	
D.9	INSTRUMENT INSTALLATION (IF ANY)	Use QCP 15XX.01	ICF X - PK 01	WC	W/R	(2)
D.10	ELECTRICAL INSTALLATION (IF ANY)	Use QCP 16XX.01	EFR X - PK 01	WC	W/R	(2)
D.11	FINAL ACCEPTANCE		PK 01	IFA	A	
E)	FINAL DOCUMENTATION REVIEW		PK 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.

GENERAL NOTES

- 1 THE ENCLOSED ITP'S ARE INDICATIVE AND SHALL BE FOLLOWED FOR DEVELOPING THEJOB 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.
- 2 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

PK 01

PROJ. No.:

QCF REV. 0

SH. 1 OF 1

**PACKAGES INSTALLATION
SUMMARY REPORT**

CONTRACTOR:

PK 01 N° _____

PACKAGE ITEM _____

SKID IDENTIF. _____

DWGS & REV. _____

MANUFACTURER M/R _____

PREFABRICATION STATUS

AREA _____ SYSTEM _____

☐ SINGLE PIECE ☐ SKID MOUNTED☐ LOOSE ITEMS ☐ _____

INSPECTIONS (Ref. to QCP 6880.01)		N.A.	ACC.	REMARKS/ REFERENCES	INSPECTOR SIGNATURE & DATE		
					CONTRACTOR	TECHNIP	OWNER
B.2	FOUNDATION CHECK	<input type="checkbox"/>	<input type="checkbox"/>				
D.1		<input type="checkbox"/>	<input type="checkbox"/>	PK 01 (*)			
D.2	STATIC EQUIPMENT INSTALLATION	<input type="checkbox"/>	<input type="checkbox"/>	CM 01 (*)			
D.3	STEEL STRUCTURES ERECTION	<input type="checkbox"/>	<input type="checkbox"/>	CS 02 (*)			
D.4	SECONDARY STEEL STRUCTURES ERECTION	<input type="checkbox"/>	<input type="checkbox"/>	CS 02A (*)			
D.5	PIPING ERECTION	<input type="checkbox"/>	<input type="checkbox"/>	W 51 xy (*)			
D.6	MACHINERY INSTALLATION (CENTRIFUGAL PUMPS)	<input type="checkbox"/>	<input type="checkbox"/>	CR 01 (*)			
D.7	INSULATION	<input type="checkbox"/>	<input type="checkbox"/>	CL X (*)			
D.8	PAINTING	<input type="checkbox"/>	<input type="checkbox"/>	CP 2 (*)			
D.9	INSTRUMENT INSTALLATION	<input type="checkbox"/>	<input type="checkbox"/>	(*)			
D.10	ELECTRICAL INSTALLATION	<input type="checkbox"/>	<input type="checkbox"/>	(*)			
D.11	FINAL ACCEPTANCE	<input type="checkbox"/>	<input type="checkbox"/>				

NOTES: (*) THE QC REPORTS SHALL BE INDICATED IN THE RELEVANT HERE BELOW SPACES :

PK 01 N° _____ CM 01 N° _____ CS 02 N° _____ CS 02A N° _____

W 51 _____ N° _____ W 20 N° _____ CR 01 N° _____ CR 06 N° _____

CL _____ N° _____ CP 2 N° _____ RI _____ N° _____ ICF _____ N° _____

EFR _____ N° _____

⑤	INSPECTORS	CONTRACTOR	TECHNIP	OWNER
	NAME			
	SIGNATURE			
	DATE			

TECHNIP INDIA LIMITED