

VI. QUALITY ASSURANCE PLAN				FORM NO	15	16
QUALITY ASSURANCE PLAN FOR STRUCTURAL & MECHANICAL EQUIPMENT						
					PROJECT	
					PACKAGE NO	
					PACKAGE NAME	

INSTRUCTION FOR FILLING UP :

1 QAP shall be submitted for each of the equipment separately with break up of assembly/ sub-assembly & part/ component or for group of equipment having same specification.

2 Use of numerical codes as indicated for extent of inspection & test and submission of tst certificates & documents. Additional codes & description for extent of inspection & tests may be added as applicable for the plant and equipment.

3 Separate identification number with quantity for equipment shall be indicated wherever equipment having same specifications belonging to different facilities are grouped together.

4 Weight in tonnes (T) must be indicated under column 5 for each item. Estimated weights may be indicated wherever actual weights are not available.

CODES FOR EXTENT OF INSPECTION, TESTS, TEST CERTIFICATES & DOCUMENTS:		Code		Description		Code		Description		DOCUMENTS	
1	Visual (Welding etc.)	12	Performn. Test / Chara.curves	D1	Approved GA drawings						
2	Dimensional	13	No Load / Free Running Test	D2	Information and other reference drg/ stamped drgs released for mfg.						
3	Fitment & Alignment	14	Measurment of Speeds	D3	Relevant catalogues						
4	Physical Test (Sample)	15	Accoustical Test	D4	Bill of Matl./ item no./ identification						
5	Chemical Test (Sample)	16	Surface Preparation	D5	Approved Erection Procedures						
6	Radiography Test	17	Manufacturing Test Certificate for bought out items	D6	Calibration Certificate of all measuring instrument and gauges.						
7	Heat Treatment	18	Internal Inspection Report by Contractor	D7	Technical Specification						
8	Pressure Test										
9	Leakage Test.	19	Spark Test for Lining								
10	Balancing										
11	Vibration Test	20	Load Test								

ABBREVIATION USED

i) Cat-A-Stage & Final insp. & Doc. Review

MECON: MECON LIMITED ii) Cat-B-Final Insp. & Doc. review

MFG : MANUFACTURER iii) CAT-C-Document review

iv) Cat.-D-Direct Despatch to site with TC & Cont. Insp. Certificate

v) Cat.-S-Selective inspection for package equipment.

vi) Cat-F-Testing by CILIENT's field Engineers

ABBREVIATIONS USED

CONTR : CONTRACTOR

MRF : MANUFACTURER

EQUIPMENT DETAILS					INSPECTION AND TESTS							Test Certificates & documents to be submitted to BIECPL	Acceptance Criteria Standards/ IS/BS/ASME/ Norms and Documents	REMARKS/ SAMPLING PLAN	
SL.NO.	Description (with equipment heading place of use and brief specifications)	Identification No.	Quantity		Manufacturer's Name and Address	Expected Schedule of Final Inspn.	Raw Material and inprocess stage inspection			Final Inspection/ Test by					
			UNIT	T			MRF	THIRD PARTY	CLIENT	MRF	THIRD PARTY				CLIENT
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
AS PER CONTINUATION SHEET															

<input type="checkbox"/> For ClientL	<input type="checkbox"/> SUPPLIER	<input type="checkbox"/>	<input type="checkbox"/>
For BIECPL (Signature)		(Signature)	
DATE : QAP_NO. SHEET 1			Rev 0