

Document Name:

- Contractor Quality Control Plan for Steam Generator Installation
- Inspection and Test Plan for Steam Generator Installation

No.	Item description	Responsibility		
		CC	TPI	Owner
3.11	Steam generators (package unit)			
3.11.1	Pre-installation lcheck 1) Foundation and anchor bolts - Dimension - Visual check 2) Visual check 3) Identification marking	H		
3.11.2	Installation 1) Orientation 2) Elevation	H		
3.11.3	Assembling layout & arrangement	H		
3.11.4	Leveling and grouting 1) Leveling 2) Grouting (Refer to section 1.2.5 grouting and mortar finishing for foundation)	H		
3.11.5	Steel structures (Refer to section 2.1 erection of structural steel)	H		
3.11.6	Rotating machines (refer to section 3.4 installation of pumps, compressors, fans, blowers, turbines and drivers)	H		
3.11.7	Piping (Refer to the section 4. steel piping)	H		
3.11.8	Tightness of connection and fastening	H		
3.11.9	Hydrostatatic test of boiler pressure parts	H		
3.11.10	Leak test of boiler furnace and ducts	H		
3.11.11	Accessories 1) Visual 2) Operation soot blower 3) Operation of air preheater 4) Operation of electrostaTPI precipitator	H		
3.11.12	Electrical 1) Grouting 2) Panels 3) Cable connection	H		

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3.11.13	Instruments (refer to the section 5. Instrument)	H		
3.11.14	Final visual check	H		

CC: Construction Contractor

TPI: Third Party Inspection

H: Hold Point; Hold on the production till TPI Inspector performs inspection and supervise the required test

If you want to use this draft for inspection and test plan you need to fill the TPI and Owner Column based your project requirement. You may use following abbreviation for filling the columns:

W: Witness Point; Manufacture shall notify client and TPI Inspector but there is no hold on the Construction;

R: Document Review; Review means Review document, which includes of material test certificates, test reports, records and etc.

A: Approval

SW: Spot Witness; for items with spot witness contractor shall notify TPI inspector as fulfilling the monitoring;