

HEXATECH	PROJECT DEPARTMENT		Issue No.: 1	Document Effective Date: 01 Mar 2017	Page 1 of 2
	<b>Inspection and Test Plan - Mechanical Works</b>		Revision No.: 0		Document Ref: PD-REC-ITP-MW

Project Name		Customer Name	
Project Reference		Consultant Name	

No.	Inspection / Test Activity	Point of Inspection / Test	Responsibility	Acceptance Criteria & Frequency	Verifying Document	Action By:		
						Own	Consultant	Customer
<b>2.0</b>	<b><u>MECHANICAL WORKS</u></b>							
<b>2.1</b>	Receiving Inspection of Electrical materials & equipment. - Refer Project Materials List	- Upon delivery to site - Upon delivery to store (before delivery conduct factory witness test if required by customer, project manager or consultant)	PE, DE, PC, SS Storekeeper	- Physical condition - Correct type / rating - Frequency of receiving inspection shall as stated in Project Material List	- Receiving Inspection Checklist - D.O & P.O - Project Drawing	I, N		
<b>2.2</b>	In-Process Inspection & Testing - Piping support installation - Pipes, Fitting & Valves installation - Ducting installation - Chiller, AHU, Aircond Installation - to be expanded as required	- During partial / full completion of installation works prior handover to customer.	PM/CM PC, PE, DE	- Refer to Checklist and project specification - For every partial/full completion of installation works as applicable.	- Work Procedure - Project Drawing - Installation checklist	I		
<b>2.3</b>	Final Inspection & Testing of Mechanical Works - Incl. of all items in 2.2 above - Chiller - Air Handling Units	Upon partial / full completion of installation works prior handover to customer	PM/CM PC, PE, DE	- Refer to Checklist and project specification	- Work Procedure - Project Drawing - Installation checklist	I,N,A,F	J, CC	

Note: I - Implement ; J - Joint Inspection ; N - Notify ; A - Obtain Approval ; F- File ; CC - Copy

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	- Air Conditioning Units			- For every partial / full	- Test Procedure			
	- Piping & Ducting			completion of installation	- Test Report			
	- To be expanded as required			works as applicable.				
<b>2.4</b>	Final Inspection & Handover of Project to customer	Upon partial / full handover of project to customer.	PM/CM	Refer to Defects & Outstanding Works Summary	Defects & Outstanding Works Summary List or customer	I, N, A, F	J, CC	CC
	- Incl. of all items in 1.3 above		PC, PE, DE	List or customer provided documents / checklist.	provided document / checklist			
				For every partial / full handover of project.	- Project Drawing - Project Specification			
<b>2.5</b>	Inspection & Test by Authorities ( JBA, TNB, TMB, Bomba, JKR, IWK, JPS, etc as applicable)	Upon partial / full completion of installation works prior handover to customer	PM/CM	Refer to Project Specs. & requirements of authorities	Approval / Supporting Letter from Authorities	I, N, A, F	J, CC	CC
			PC, PE, DE					

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Prepared by:	Approved by:	Recorded by:
Signature:	Signature:	Signature:
Name:	Name:	Name:
Appointment:	Appointment:	Appointment:
Date:	Date:	Date: