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Rev.	Revision Date	Created by	Checked by	Approved by	Description	Status
Project (Проект)						
Maritza East I Power Station						
Company (Възложителя):						
						
Space for stamp of Municipality of Galabovo Място за печат на Община Гълъбово			Space for further stamps / Място за допълнителни печати			
Area for Stamp of EQE Control OOD (ICS) Място за печат на EQE Control ООД (Незав. надзор)			Space for stamp of authorized Bulgarian Designer Място за печат на лицензиран български проектант			
Main Contractor / Главен изпълнител  Power Turbo Systems			Partner of Main Contractor / Партньор на главния изпълнител			

Resp. dept. Отговорен отдел PEC	Created by / Изготвил P. Tisserand	Checked by / Проверил F. Touchot	Approved by / Одобрил M. Rentrop	Format / Формат A4
Scale / Мащаб		Class. no. (e.g. KKS) / Класифик. №	for Company Review & Approval: За одобрение от Възложителя: yes	
Derived from / Произтича от GGG 00 MEQ K25 EQ 001- C	Replaces / Заменя	Doc. Type Тип на документа Erection Inspection & Test Plan	Document Status Статус на окумента released	Sub Site No. / Подобект №
Logo of Legal Owner / Официален собственик  Power Turbo Systems	Sub Contractors Doc Number / № на документа на подизпълнителя		Consortium Partner Document Code Код на документа на партньора от консорциума	
	Title, Subtitle / Заглавие, подзаглавие THERMAL INSULATION		Project Doc. Number / № на проектния документ MTZ/12/M/-----K25/EQ/001	
	Rev. Рев 1	Date Дата 28.10.2009	Lang. Език en	Sheet Страница 1/7

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OBJECTIVE

The Erection Inspection and Test Plan (ITPL) only defines the key operations for which emission of a control Report is mandatory. It is not a replacement to the Erection Contractor's own Inspection and Test Plan or Quality Control Plan based on the requirement of the erection instructions and applicable standards.

GENERAL CONDITIONS

The erection conformity file which will be handed over by the Erection Contractor will include the reports of control operations marked (Q) (R). The complete erection record set of the Erection Contractor will be available for inspection by ALSTOM Power Representatives at any time for verification

The requests for inspection with ALSTOM Power/Customer's attendance will be dispatched minimum 24 hours before execution of controls. Requests for the Customer are dispatched after approval of the responsible ALSTOM Power Representatives.

SUMMARY OF ACTIVITIES:

1. CONTROL BEFORE ERECTION	3
2. EQUIPMENT INSULATION	4
3. FINAL CONFORMITY – EQUIPMENT INSULATION	5
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Erection Inspection and Test Plan			Project: Maritza East I Power station		Title, Subtitle : Thermal Insulation			Rev : 1	
Unit		Equipment Identification:	K25 Package			KKS :			
No.	Description			Procedure	Record No.	Q Activities			Remarks
						1)	2)	3)	

<div> <div>1. CONTROL BEFORE ERECTION</div> <div> <div>Quality</div> <div> General aspects Dimensions </div> </div> <div> <div>Quantity</div> <div> Number Identifications </div> </div> <div> <div>Storage</div> </div> </div>				EG 001		L		R		
				Visual 100 %						
				MA list						
				EG 001						

Symbols, Abbreviations								
1.	Performed by	U = Material supplier, supplier ext. products and ext. processes	K = Customer or his representative	H = Hold point (observe notification period)	Q = Q record to K			
2.	Acceptance by	L = Erection Contractor	S = Official acceptance authority	M = Witness point (observe notification period)	R = Internal Record			
3.	Q – Record	B = ALSTOM Company placing the order		Y = Internal test	C = Record in Record Set			
The inspection and test plan does not release the subcontractor / manufacturer from his obligation to take all steps necessary to ensure that the requirements stipulated in drawings and specifications are fulfilled for the product concerned.			Legal Owner / Официален собственик ALSTOM Power Turbo-Systems	Project Doc. No. № на проектния документ MTZ/12/M/-----K25/EQ/001	Rev. / Рев 1	Date / Дата 28.10.2009	Lang. Език en	Sheet Страница 3/7

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								1)	2)	3)				

2. EQUIPMENT INSULATION <ul style="list-style-type: none">▪ Thickness of mattress▪ Supports▪ Fixation of mattress before cladding installation▪ Cladding installation▪ Checking screws fixation▪ Overlaps (expansion)▪ Silicone joint (outdoor)▪ Cleanliness		EI 001		L	B	C		
		Dimensional						
		Erection Instructions						
		Visual 100%						
		Erection Instructions						
		Erection Instructions						
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		Visual 100%						

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<div>3. FINAL CONFORMITY – EQUIPMENT INSULATION</div> <div><div><div>Final inspection</div><div>Cleanliness</div></div></div>		EI 001		L	B K M	C		
		Erection Instructions Visual 100 %						

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No.	Description					Procedure	Record No.		Q Activities			Remarks	Date / Signature	
									1)	2)	3)			

4. PIPING INSULATION			EI 001		L	B	R		
<ul style="list-style-type: none"> Paint touch-up on Piping Thickness of mattress (outside diameter) Supports (if required for thickness above 120mm) Fixing of mattress before cladding installation Cladding installation Checking fixing of : screws, bands, joints sealing Overlaps (expansion) Creep elongation Silicone joint (outdoor) Removable insulation boxes for valves, flanges, manholes and all in-line equipment with regard to joints stiffeners, fixing on insulation, handles, locking and clamping devices Flow way (arrow) Cleanliness 			GS 120 Dimensional Erection Instructions Visual 100% Erection Instructions Erection Instructions Erection Instructions Erection Instructions Erection Instructions Erection Instructions Erection Instructions Visual 100%						

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No.	Description			Procedure	Record No.	Q Activities			Remarks
						1)	2)	3)	

<div> <div>5. FINAL CONFORMITY – PIPING INSULATION</div> <div> <div>Final inspection</div> <div>Cleanliness</div> </div> </div>				<div>EI 001</div> <div>Piping List</div> <div>Erection Instructions</div> <div>Visual 100 %</div>		L	B K M	C		
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ERECTION ALSTOM POWER REPRESENTATIVE

NAME: _____

DATE: _____

SIGNATURE: _____

COMMISSIONING ALSTOM POWER REPRESENTATIVE

NAME: _____

DATE: _____

SIGNATURE: _____

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