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Project Name:	VOC TREATMENT SYSTEM	Revision:	P0	By:	B.S.
Client:	Energy Infrastructures (PEI)	Date:	16.09.24	App.:	M.SH.

Appendix "F" – Quality Control Dossier Requirements

REQUIREMENTS FOR PREPARATION OF THE QUALITY CONTROL MANUFACTURING DOSSIER / INSPECTION DATA BOOK FOR VENDOR DOCUMENTATION

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1. DEFINITIONS

COMPANY: PEI

CONTRACTOR: Ludan Engineering Israel LTD

THE PROJECT: VOC TREATMENT SYSTEM

SUPPLIER/VENDOR/

MANUFACTURER: Shall mean the company named in the Purchase Order, or its assignees or successors in interest, in charge of the execution of the Purchase Order

2. GENERAL

The Quality Control Manufacturing Dossier is the complete collection of all certificates, test reports, inspection documents and any other document relevant to testing activities performed during the supply, as per the Purchase Order and relevant technical attachments.

Unless otherwise specified the Quality Control Manufacturing Dossier forms part of the supply and shall be issued by Vendor for each itemized equipment and/or material ordered by Contractor.

The Quality Control Manufacturing Dossier shall be prepared:

- One Quality Control Manufacturing Dossier per piece of equipment if the Purchase Order groups several pieces under the same item;
- One Quality Control Manufacturing Dossier for each package unit and machine (composed by several Sections for different components);
- One Quality Control Manufacturing Dossier for each lot of material delivered for bulk materials (i.e. piping, instruments, etc.) for each Material Requisition.

All parts of the Quality Control Manufacturing Dossier shall be filled-in during fabrication or production by Vendor in accordance with the instruction contained herein and as per any specific project instructions and completed at the final test. Contractor inspector shall, on principle, check and stamp documents as they are available after each inspection or testing activity.

At the final test, Contractor inspector shall check the Quality Control Manufacturing Dossier for completeness and correctness; each Quality Control Manufacturing Dossier shall have an index and the sheets shall be progressively numbered.

The cover page of the Quality Control Manufacturing Dossier shall be a photocopy of what indicated in point 5.

Vendor shall fill-in all the requested information and the Inspector (as well as the Inspection Authority if any) shall sign and stamp the cover sheet.

At this point only, the Quality Control Manufacturing Dossier shall be considered accepted by Contractor.

Vendor shall send Contractor the required number of copies of the Quality Control Manufacturing Dossier within the date specified in the VDDR document. One additional

copy shall be delivered together with the goods and indicated in the relevant Packing List.

Any delay in the supply of the Quality Control Manufacturing Dossier by Vendor shall be considered as non-compliance with purchase order requirements.

The Quality Control Manufacturing Dossier content in principle shall follow the instructions shown in point 5, and anyhow it shall be considered as a guideline.

Final approval of the Quality Control Manufacturing Dossier contents shall be given by Contractor inspector.

3. **CE MARKING**

The following clarifications don't replace in any way the Vendor Document requirements defined in VDDR.

For Projects where the CE marking is applicable and the Conformity to the various Directives is under Vendor responsibility, the following documents (as applicable) shall be supplied:

3.1. **PED Directive**

- Declaration of Conformity issued by the Vendor (applicable to Pressure Equipment and Assembly)
- Notified Body Certificate (applicable to Pressure Equipment and Assembly)
- Quality Assurance Certificate issued by a competent Body established within the European Community and having undergone a specific assessment for materials (applicable for the supply of raw material according to para. 4.3 Annex 1 of the Directive)

All the PED Dossiers shall be always available at Inspector request.

3.2. **ATEX Directive**

For Projects where the ATEX directive is applicable and the Conformity to the Directive is under Vendor responsibility, the ATEX declaration of conformity shall be supplied all the time that are requested in order to certify the suitability of the supplied materials/equipment for the installation on the indicated classified area

All the ATEX Dossiers shall be always available at Inspector request.

3.3. **Other Directives**

Vendor shall include in the Quality Control Manufacturing Dossier copy of the Declaration of Conformity of any other applicable CE Marking requirements (such as Machinery directive, Electromagnetic Compatibility, etc.)

4. **IMPORTANT NOTE**

If the documents that are requested to be included on the Quality Control Manufacturer Dossier have been previously sent to Contractor for approval and/or information, the copy shall be:

- For documents issued for approval, the copy shall be the last one stamped and approved Code 3

- For documents issued for information, the copy shall be of the same document acknowledged by Contractor
- As far as the Quality Control is concerned, the copy shall be the last one stamped and approved Code 3 and with all the signature of all the involved Parties.

5. CONTENTS OF THE QUALITY CONTROL MANUFACTURING DOSSIER

CONTENT OF QUALITY CONTROL MANUFACTURING DOSSIER	EQUIPMENT AND/OR MATERIAL CATEGORIES														
	A	B					C	D	E	F					G
		b1	b2	b3	b4					f1	f2	f3	f4	f5	
1 Index	X	X	X	X	X		X	X	X	X	X	X	X	X	
2 Manufacturer data report	X		X							X					
3 Material summary report	X	X	X	X			X	X	X	X	X	X			
4 Material's certificates and/or test reports	X	X	X	X	X		X		X	X	X	X	X		
5 Mechanical test reports on prod. Coupons	X		X							X					
6 Welding Book (including welding key form, WPS, PQR and welders qualifications)	X	X	X				X		X	X		X			
7 Non destructive test reports	X	X	X				X		X	X	X	X			
8 Heat treatment chart (if any)	X		X				X		X	X		X			
9 Hydrostatic and/or pressure test reports	X	X	X	X			X		X	X	X	X	X		
10 Painting Certificate	X	X	X	X			X	X	X	X	X	X		X	
11 Visual & dimensional test reports	X	X	X	X	X		X	X	X	X		X		X	
12 Name plate print or copy	X		X												
13 Inspection Authority certificates and/or report (*)	X	X	X							X					
14 Balancing test report		X									X				
15 Running test and/or Performance test report		X		X				X	X		X			X	
16 Operational test report and/or certif.					X			X	X				X	X	
17 Explosion Proof certificate					X			X	X				X		
18 Type test certificates								X					X		
19 Noise test report (*)		X		X				X						X	
20 Quality Control Plan (**)	X	X	X	X	X		X	X	X	X	X	X	X	X	
21 Refractory certificates (**)	X						X			X					
22 ATEX Conformity Certificate (****)	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
23 PED Declaration of Conformity (***)	X	X	X	X	X		X		X	X	X	X	X	X	
24 Notified Body Certificate (***)	X	X	X	X	X		X		X	X	X	X	X	X	
25 Quality Assurance Certificate for the supply of raw materials (***)							X					X			
26 Assembly drawing															
27 Calculation sheets															

A) P.V. & H.E., HEATERS
TOWERS, REACTORS TANKS etc

B) PUMPS, COMPRESSORS,
TURBINES, DRIVERS, etc.
b1) Main equipment
b2) Aux., press. equip.
b3) Auxiliary machinery
b4) Instrumentation

C) PIPING, FITTINGS,
VALVES, STRUCTURES etc.

D) ELECTRICAL

E) INSTRUMENTATION
(including safety &
control valves)

F) PACKAGES
f1) p.v.h.e., towers. Etc.
f2) machinery
f3) connecting piping
f4) electrical & instruments
f5) assembled units

(*) IF REQUIRED

(**) IF APPLICABLE

(***) IF PED IS APPLICABLE (****) IF ATEX IS APPLICABLE AND
RELEVANT CERTIFICATE IS REQUE

6. COVER PAGE OF QUALITY CONTROL MANUFACTURING DOSSIER

VENDOR

QUALITY CONTROL MANUFACTURING DOSSIER Nr. _____ Rev. _____

For

ITEM/MATERIAL _____

VENDOR JOB NUMBER _____

VENDOR STAMP _____

VENDOR Q.C. SIGNATURE _____

PROJECT : :

CLIENT :

M.R. : **Rev.**

P.O. : **Rev:** **VDDR CODE :**

CHECKED ON ____/____/____

By

INSPECTOR _____

I.A. _____

THE PRESENT DOSSIER IS COMPOSED OF ____ SHEETS NUMBERED FROM ____ TO ____