Annex E – Installation checklist Solar Direct Drive refrigerator (SDD)

Note: The installation technician must fill in this checklist for each completed installation.

Solar refrigerator installation of		hecklist Date:				
Country:		Region:				
Installation technician:						
Installation company:						
	Address:					
	Tel:					
	Email:					
Note:	All checks must be satisfac	tory before Annex E can be signe	d / the installati	on is deeme	d complete	ed.
CHEC	K 1 – System description					
1.1	Qualified supplier:					
1.2	Refrigerator Model:	Serial number:				
		Model reference:				
		Product number:				
1.3	Solar panels:	Madal Dafe	,			
		Model Ref:	_	Quantity of p	aneis:	
	Serial numbers					
	Serial numbers					
	Serial numbers					
	Serial numbers					
	Serial numbers					
CHEC	K 2 – Shipment details					
2.1	Was the shipment damag	ed?		☐ Yes	□ No	
2.2	Were any components m	issing or under-supplied?		☐ Yes	□ No	
2.3	Have damaged/missing/u	nder-supplied parts been replaced	?	☐ Yes	□ No	☐ Not applicable
	Comments:					
	K 3 – Solar panel installation	on				
3.1	Panel Orientation					
	·	led at the correct angle towards	-	☐ Yes	□ No	
	Do shadows fall on the panel between 9:00am and 3:00pm?			☐ Yes	□ No	
If YES, the system FAILS - if possible remove the shade or the panel must be moved.						
3.2	Panel support structure					
	Are roof fixings in place and are they adequate? Have theft-deterrent fasteners been used?			☐ Yes	□ No	
		eners been used?		☐ Yes	□ No	
3.3	Lightning protection:					
	Has the lightning protection circuit been correctly fitted?			☐ Yes	□ No	
Has the earth electrode been correctly fitted?		2	☐ Yes	□ No		
		ystem been tested for electrical co	ontinuity?	☐ Yes	□ No	
	Comments:					

CHEC	K 4 – Array cabling and installation					
4.1	Only the solar array cable provided by supplier was used for installation?	☐ Yes	□ No			
4.2	Are all electrical connections and array cables concealed and properly protected?	☐ Yes	□ No			
	Comments:					
CHEC	K 5 – Functionality test					
5.1	Functionality test has been carried out in accordance with the qualified	☐ Yes	□ No			
	supplier's instructions.					
5.2	A detailed functionality test report been completed and signed by the technician; a copy of the report is attached.	☐ Yes	□ No			
5.3	30-day temperature logger has been installed and is functional.	☐ Yes	□ No	☐ RMTD		
5.4	There is sufficient GSM coverage at the health facility.	☐ Yes	□ No	☐ Not relevant		
	Installation Technician confirmation on functionality					
	Installation Technician Signature:					
CHEC	K 6 – Training					
6.1	Number of health facility staff trained in usage of refrigerator					
6.2	Number of staff trained in preventive maintenance of refrigerator					
6.3	Number of staff trained in usage of 30 DTR / recording of temperature					
6.4	Warranty / claims procedure has been explained, including whom to	☐ Yes	□ No			
0.4	contact in case of under-performance or downtime of equipment.					
6.5	Warranty / claims procedure and relevant contacts are attached to the	☐ Yes	□No			
	fridge.					
CHEC	K 7 – Documentation					
7.1	Check if the following documentations are supplied	Language:				
	- User manual for all system components	☐ Yes	□ No			
	- Technician's manual	☐ Yes	□ No			
	- Installation manual	☐ Yes	□ No			
	Comments:					
CHEC	K 8 – Overall conclusions and recommendations					
8.1	Recommendation:	☐ Pass	☐ Fail			
	If FAIL, list outstanding work still required:	_				
	·					
	If PASS, the installation can be handed over to the user.					
	ii FA33, the histaliation can be handed over to the user.					
Insta	llation technician signature:					
. Haalikk aantau yaan anaikka signatuus.						
неап	h center responsible signature:					
Name	Name and designation:					
			Rubber Seal			
		Of the Health facility/ District Health officer				
		'	_ 150, 160 1160	0111001		
Date:						

Warranty/claims procedure					
<u>Note</u> : Contractor to fill in based on country specifics.					
A printout of the completed document should remain in each HF, attached to the fridge, clearly visible.					

Final commissioning

<u>Note</u>: To be left with the Health Facility Worker to be completed for each installation after the first 30 days of operation. Contractor to agree with PMT on process and include instruction letter from EPI.

Refrigerator 30-day test checklist (SDD)			Date:			
Country:	City/town:		Site name:			
Instructions for completing this form	1:					
Complete the form 30 days after the refrigerator was handed over to you.						
Send a copy of the form back to		(to Ł	e confirmed by EPI ,	/ PMT, please	add)	
Attach a copy of the temperature record for the whole 30-day test period.						
Nama	Emaile					
Name:	Email: _					
Position:	Phone:					
Has the refrigerator temperature sta	yed between +2°C and + 8°C throughou	ut the last	: 30 days?	Yes 🗆 N	lo 🗆	
A copy of the temperature record fo	r the last 30 days is attached to this fro	m.		Yes 🗆 N	lo 🗆	
The refrigerator is working correctly.				Yes N	Іо 🗆	
All cable connections are safe and w	orking correctly.			Yes N	Іо 🗆	
The solar generator is installed and v	vorking correctly.			Yes N	Іо 🗆	
The temperature recorder is installed and working correctly.					lo 🗆	
Comments and questions:						
If you have any comments or questions about the equipment or the installer, please write them here:						
Signature:						
Date:						