

U N D P

CERTIFICATE OF COMPLETION

PROJECT: BRA/12/G76 DATE APPROVED: December 31st, 2019.
AGENCY: UNDP ENGINEER: Miguel Quintero

CONTRACTOR: UNIVAR BRASIL LTDA.

LOCAL GOVERNMENT: OZONE PROTECTION UNIT OF THE BRAZILIAN
GOVERNMENT

Issued by: United Nations Development Programme (UNDP)

AGENCY (IA)

And to: UNIVAR BRASIL LTDA.
Rua Arinos, 15, Industrial Anhaguera – Osasco – Brazil
Zip Code: 06.276-032

CONTRACTOR

This Certificate of Completion applies to all work conducted under the Project Document approved by UNEP/OzL.Pro/ExCom/64/53 – Decision 64/40:

BRA/12/G76 – Brazil`s HCFC Phase-out Management Plan.:

- Perform the technology transfer to HCFC-free technology to 23 pre-selected PU Foam end-users.
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The work to which this Certificate applies has been inspected by the ENGINEER in presence of authorised representatives of IA and CONTRACTOR and the work is hereby declared to be completed in accordance with the aforementioned project document.

December 31st, 2019

RESPONSIBILITIES

From the date of Completion the responsibilities between IA and CONTRACTOR for security, operation, safety, maintenance, utilities, insurance, warranties and guarantees shall be as follows:

IA: As of Tuesday, December 31st, 2019, all of the aforementioned responsibilities shall be passed from UNDP to UNIVAR BRASIL LTDA.; located in Osasco, Brazil.

CONTRACTOR: As of Tuesday, December 31st, 2019, all of the aforementioned responsibilities shall be assumed by UNIVAR BRASIL LTDA., and the CONTRACTOR shall hold UNDP harmless.

The following is a list of complete activities carried out under the Conversion to non-HCFC Technology in the Manufacture of Polyurethane Foam of 23 pre-selected PU Foam end-users from December 2013 to December 2019:

End user's conversion: The conversion process of each beneficiary end-user listed in Annex B encompassed the following activities *via* the assistance of the system house:

- End-user baseline data validation in the field;
- Technology transfer;
- Trials at production and commercial levels;
- Assistance in civil works design and adaptation;
- Purchase or retrofit services with equipment specifications and guidance on execution;
- Issuance of certificate on enterprise ability to safely handle the new technology;
- Collection of implementation documentation and completion of activities.
- 11.2 ODP t phased out.

Executed on behalf of UNDP by ENGINEER on Tuesday, December 31st, 2019:

Miguel Wenceslau Quintero

Miguel Quintero, Engineer

CONTRACTOR accepts this Certificate on 27-mai-2020:

By: *Jorge Backup*

Jorge Cintra Backup, Financial and Administrative Director

Empoderando vidas.
Fortalecendo nações.

ANNEX-A
DECLARATION OF DISPOSAL OF BASELINE EQUIPMENT UNDER PROJECT
BRA/12/G76 – (UNIVAR)

Under Project BRA/12/G76, UNIVAR BRASIL LTDA., the CONTRACTOR hereby declares that it has disposed the baseline equipment as identified in the approved Project Document for BRA/12/G76 – UNIVAR as follows:

DISPOSAL OF BASELINE EQUIPMENT UNDER PROJECT BRA/12/G76 – (CONTRACTOR)						
Equipment Description	Year and Model	Equipment ID#	Method of Disposal	Year of disposal	Implemented By	Verified By
n/a	n/a	n/a	n/a	n/a	n/a	n/a

1. Physical Destruction/Dismantling/Rendering Unusable with HCFCs; 2. Decommissioning and Storage; 3. Retrofitting; 4. No action

Under project BRA/12/G76 – UNIVAR, the Contractor declares as below:

- (1) That it has carried out the disposal of the baseline equipment as tabulated above, so as to render the equipment unusable with HCFCs, applying the process described below:

Brief description of the disposal process:
• N/A

- (2) That it, in the event that any equipment is decommissioned and retained in storage by the Contractor, it will not use it with any HCFCs and it will not sell or surrender the custody of this equipment except to a designated authority so assigned by UNDP and/or the Government. Justification (as mandatorily required) for retaining this baseline equipment is provided by the Contractor below:

Justification for retaining the baseline equipment:
• N/A

In agreement:

CONTRACTOR

Jorge Backup

Jorge Cintra Backup
Finnacial and Admistratve Director

GOVERNMENT

Magna L. Luduvic

Magna Luduvic
National Ozone Unit Officer

It is hereby verified that a review, undertaken with all due diligence, of the information made available to UNDP revealed no discrepancies in the aforementioned representations with which UNDP, therefore, agrees,

UNDP

Miguel Wenceslau Quintero

Miguel Quintero, Engineer

ANNEX-B

END-USERS CONVERTED UNDER UNIVAR'S GROUP PROJECT

Nº	End User	Location	Start-up Date	A-5 Capital	Baseline equipment information						
					Type (High/Low/Manual)	Brand	Model	Year	Equipment ID	Method of Disposal	
1	Soprano Eletrometalúrgica e Hidráulica Ltda.	Farroupilha/RS	15/10/1997	Yes	HPD	SULPOL	P7	2001	270	3	Retrofit of equipment.
					LPD	TRANSTÉCNICA	T15	1985	n/d	3	Retrofit of equipment.
					LPD	TRANSTÉCNICA	T15 S9000	1986	n/d	3	Retrofit of equipment.
2	Indústria de Travesseiros Marcbrayn Ltda. - EPP	Joinville/SC	22/02/2005	Yes	HPD	CANNON	n/a	2005	n/d	3	Retrofit of equipment.
					HPD	CANNON	n/a	2005	n/d	3	Retrofit of equipment.
					HPD	CANNON	n/a	2005	n/d	3	Retrofit of equipment.
3	Espumas Oeste Ltda.	Goiânia/GO	11/10/1995	Yes	HPD	ELASTOGRAN	PU 30 SP 11004256	2000	11004256	3	Retrofit of equipment.
					HPD	ELASTOGRAN	PU 30 QS 11001879	1999	11001879	3	Retrofit of equipment.
4	Manufatura de Peles Florense Ltda.	Flores da Cunha/RS	29/04/1971	Yes	LPD	SULPOL	T15-BP/98	1998	139	3	Retrofit of equipment.
					LPD	SULPOL	T15-BP/98	1998	140	3	Retrofit of equipment.
					LPD	SULPOL	T30-AP/02	2002	291	3	Retrofit of equipment.
5	Tuma Industrial Ltda.	Contagem/MG	01/01/1971	Yes	HPD	PUMER	GREEN 2000	2004	n/d	4	No Action

6	Unisol Aquecedores Solares Ltda. EPP	Brodowski/SP	27/09/2004	Yes	LPD	FIBERMAQ	630000	2004	n/d	3	Retrofit of equipment.
					LPD	FIBERMAQ	630000-R	2006	n/d	3	Retrofit of equipment.
7	Volpert & Volpert Ltda. - EPP	Ribeirão Pires/SP	05/02/2003	Yes	LPD	TRANSTÉCNICA	n/a	1993/1994	n/d	3	Retrofit of equipment.
					HPD	SULPOL	n/a	n/a	n/d	3	Retrofit of equipment.
8	Ciclomade Indústria e Comércio de Espumas Ltda. ME	Jaboticabal/SP	28/11/1994	Yes	LPD	TRANSTÉCNICA	T15	1998	20110202	3	Retrofit of equipment.
					LPD	TRANSTÉCNICA	T15	1998	21001004	3	Retrofit of equipment.
					LPD	TRANSTÉCNICA	T15	1998	21690106	3	Retrofit of equipment.
					LPD	TRANSTÉCNICA	T7	1998	n/d	3	Retrofit of equipment.
9	Kisol Indústria e Comércio de Aquecedor Solar Ltda.	Osasco/SP	01/10/2001	Yes	LPD	TRANSTÉCNICA	T-15/2P	n/a	n/d	3	Retrofit of equipment.
					LPD	PUMER	PP307	n/a	n/d	3	Retrofit of equipment.
10	Gufani Ind. Com. Plásticos Ltda.	Caxias do Sul/RS	01/08/1998	Yes	LPD	TRANSTÉCNICA	T15-BP	2005	24211016	3	Retrofit of equipment.
11	Açonobre Produtos Metalúrgicos Ltda.	Aparecida de Goiânia/GO	02/04/1991	Yes	LPD	PUMER	S100	2006	n/d	3	Retrofit of equipment.
12	Enalter Engenharia Indústria e Comércio Ltda.	Nova Lima/MG	01/01/1980	Yes	LPD	PUMER	GREEN 2000	2006	30031	3	Retrofit of equipment.
13	Aquecedor Solar Transsen Ltda.	Birigui/SP	10/11/1987	Yes	LPD	TETRALON	VIKING FH-32	2007	n/d	3	Retrofit of equipment.

					HPD	GRACO	ULTRA MAX 695	2001	n/d	3	Retrofit of equipment.
					HPD	GRACO	ULTRA MAX II 795	2001	n/d	3	Retrofit of equipment.
14	Barrfab Indústria e Comércio Importação e Exportação de Equipamentos Hospitalares Ltda.	Farroupilha/RS	29/10/1998	Yes	LPD	TRANSTECNICA	T15-BP	1998	21.410.90 5	3	Retrofit of equipment.
15	Temper-sol Indústria e Comércio de Aquecedores Ltda. - EPP	Taubaté/SP	30/10/1990	Yes	LPD	PUMER	PP312	2007	676	3	Retrofit of equipment.
16	Solágua Indústria e Comércio Ltda.	Serra/ES	01/03/1994	Yes	LPD	PUMER	PP 307	1995	967	3	Retrofit of equipment.
17	Termomax Aquecedor Solar	Brodowski/SP	19/07/2002	Yes	LPD	PUMER	PP 312	2001	306	3	Retrofit of equipment.
18	A Atual Indústria e Comércio de Aquecedores Solares Ltda. - EPP	Mogi Guaçu/SP	18/08/1991	Yes	LPD	SULPOL	STC30A	2001	238	3	Retrofit of equipment.
19	Frisart Ind. E Com. de Acessórios P/ Autos Ltda.	São Paulo/SP	30/09/1997	Yes	LPD	TRANSTÉCNICA	T-15	1998	n/d	3	Retrofit of equipment.
20	E2Solar Ind. e Com. de Equip. de Aquec. Solar Ltda.	Barueri/SP	15/12/2003	Yes	HPD	CANNON	A COMPACT 100	2006	SPBU0025 BP002	3	Retrofit of equipment.
21	José Oswaldo Osti - ME	Jundiaí/SP	05/07/1990	Yes	MANUAL	n/a	n/a	n/a	n/a	4	Dispenser purchase.
22	Labonia Ind. E Com. De Implementos Rodoviários Ltda.	Guarulhos/SP	07/04/2006	Yes	LPD	TRANSTÉCNICA	T-100	2003	8203	3	Retrofit of equipment.
					LPD	TRANSTÉCNICA	T-15-2P	2003	23611013	3	Retrofit of equipment.
23	Solar Minas Ltda.	Poços de Caldas/MG	01/02/1982	Yes	LPD	TRANSTÉCNICA	T15.2P	2006	10293685 205	3	Retrofit of equipment.

Method of Disposal

1. Physical Destruction/Dismantling/Rendering Unusable with HCFCs
2. Decommissioning and Storage
3. Retrofitting
4. No action

n/d - When the data survey was made, this equipment had no serial number identification.

JB