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CERTIFICATE OF COMPLETION

PROJECT: BRA/12/G76
AGENCY: UNDP

DATE APPROVED: November 4th 2019
ENGINEER: Miguel Quintero

CONTRACTOR: ECO BLASTER INDÚSTRIA E
COMÉRCIO DE RESINAS LTDA.

LOCAL GOVERNMENT: OZONE PROTECTION UNIT OF THE
BRAZILIAN GOVERNMENT

Issued by: United Nations Development Programme (UNDP)

AGENCY (IA)

And to: ECO BLASTER INDÚSTRIA E COMÉRCIO DE RESINAS LTDA.
Avenida Alexandre Biazzi, nº 400 – Estiva – Louveira/SP
Zip Code: 13.290-000

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.:

- Conversion to non-HCFC Technology in the Manufacture of Polyurethane Foam of the enterprise ECO BLASTER INDÚSTRIA E COMÉRCIO DE RESINAS LTDA.;
 - Perform the technology transfer to HCFC-free technology to 17 pre-selected PU Foam end-users.
-

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.

November 4th 2019

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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 Monday, November 4th 2019, all of the aforementioned responsibilities shall be passed from UNDP to ECO BLASTER INDÚSTRIA E COMÉRCIO DE RESINAS LTDA., located in Diadema, Brazil.

CONTRACTOR: As of Monday, November 4th 2019, all of the aforementioned responsibilities shall be assumed by ECO BLASTER INDÚSTRIA E COMÉRCIO DE RESINAS 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 17 pre-selected PU Foam end-users and the enterprise ECO BLASTER INDÚSTRIA E COMÉRCIO DE RESINAS LTDA., from September 2015 to October 2019:

System house's conversion: The conversion process of system house encompassed the following activities:

- Investment/ engineering project implemented at the polyurethane system production:
 - Plant adjustments (electrical grounding, piping and civil works);
 - Adaptation of storage area for flammable products (Methyl Formate) and transfer system to mixing area;
 - Installation of nitrogen system linked to mixing units (system inertisation);
 - Installation of safety systems /sensors /alarms /fire extinguisher /exhaust system;
 - Retrofit of pre-mixer units used for production of FMF/ISF foams systems (sealing of tanks caps and explosion proof pump);
 - Retrofit of pre-mixer units used for production of polyurethane rigid foams systems (sealing of tanks caps and explosion proof pump);
 - Issuance of safety certificate;
 - Staff training on safety measures and on handling and storage of flammable substances.
- 11.08 ODP t phased out.
- The declaration of disposal of baseline equipment is presented on Annex A.

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;



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- 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.

Executed on behalf of UNDP by ENGINEER on Monday, November 4th 2019:

Miguel Wenceslau Quintero

Miguel Quintero, Engineer

CONTRACTOR accepts this Certificate on 12-mai-2020 _____:

By: *Fabiano Mazetto*

Fabiano Mazetto, Business Partner

ANNEX-A

DECLARATION OF DISPOSAL OF BASELINE EQUIPMENT UNDER PROJECT BRA/12/G76 – (ECO BLASTER)

Under Project BRA/12/G76 ECO BLASTER INDÚSTRIA E COMÉRCIO DE RESINAS LTDA., the CONTRACTOR hereby declares that it has disposed the baseline equipment as identified in the approved Project Document for BRA/12/G76 – ECO BLASTER as follows:

DISPOSAL OF BASELINE EQUIPMENT UNDER PROJECT BRA/12/G76 – (CONTRACTOR)						
Equipment Description	Year and Model	Equip-ment ID#	Method of Disposal	Year of disposal	Implement ed By	Verified By
Blending Tank	2005	n/a	3	2015	Contractor	IA
Blending Tank	2006	n/a	3	2015	Contractor	IA

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

Under project BRA/12/G76 – ECO BLASTER, 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:

- Retrofit of foaming related equipment.

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- (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

- (3) That it will not resume the use of any HCFC or other Ozone Depleting Substance (ODS) in its manufacture of Polyurethane Foam as per Term of Commitment signed on 19th August 2015.

In agreement:

CONTRACTOR

Fabiano Mazetto

Fabiano Mazetto
Business Partner

GOVERNMENT

Magna L. Ludovice

Magna Ludovice
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



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ANNEX-B

END-USERS CONVERTED UNDER ECO BLASTER'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	Observation
1	Air Micro Ltda.	Guarulhos /SP	22/04/1988	Yes	LPD	Sulpol	ST-C15A	1996	79	3	Retrofit of equipment.
2	Auto Designer Ltda - Me	Osasco /SP	20/02/1998	Yes	LPD	Sulpol	ST C15A	2000	n/d	3	Retrofit of equipment.
3	B & S Equip Segurança Ltda.	Araras /SP	18/07/1995	Yes	LPD	Sulpol	ST - C15A	2006	0482.	3	Retrofit of equipment.
4	Brudden Equipamentos Ltda.	Pompéia /SP	21/02/1980	Yes	HPD	Sulpol	AP 15	2002	0275.	3	Retrofit of equipment.
					LPD	Sulpol	ST C15A	2005	0509.	3	Retrofit of equipment.
5	Deltaflex Indústria e Comércio de Móveis Ltda -EPP	Mogi Mirim /SP	05/05/1997	Yes	LPD	Fibermaq	PUF 30	2006	0209.	3	Retrofit of equipment.
6	Eco-Blaster Indústria e Comércio de Resinas Ltda.	Louveira /SP	16/04/2004	Yes	Manual	n/a	n/a	n/a	n/a	4	Dispenser purchase.
7	Lander Indústria e Comércio de Peças Automotivas Ltda.	Santo André /SP	10/08/2007	Yes	HPD	Sulpol	AP 15	2002	0277.	3	Retrofit of equipment.
8	Master Flex Comércio de Produto Textil Ltda. (Pillowtex)	São Paulo /SP	03/03/2006	Yes	LPD	Sulpol	ST 15	2006	n/d	3	Retrofit of equipment.



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9	Nichibras Indústria e Comércio Ltda.	Embu das Artes /SP	29/02/1996	Yes	LPD	Sulpol	STC	2000	0117.	3	Retrofit of equipment.
					HPD	Sulpol	AP 15	2005	0238.	3	Retrofit of equipment.
					HPD	Krauss Maffei	HP07	2003	38001770	3	Retrofit of equipment.
					HPD	Sulpol	AP 7	2005	0239.	3	Retrofit of equipment.
					LPD	Sulpol	STC 07A	2005	n/d	3	Retrofit of equipment.
10	Poltek -Técnicas em Plásticos & Poliuretanos Eireli	Osasco /SP	22/11/2004	Yes	LPD	Transtécnica	T60/2	1996	n/d	3	Retrofit of equipment.
11	Portflex Indústria, Comércio e Serviços Ltda.	Itápolis /SP	31/01/2006	Yes	LPD	Transtécnica	T15	1990	n/d	3	Retrofit of equipment.
12	Portspuma Indústria e Comércio Ltda.	Itápolis /SP	26/03/2002	Yes	LPD	Transtécnica	T15	1991	n/d	3	Retrofit of equipment.
13	PPR Volantes Ltda.	Curitiba /PR	12/06/2007	Yes	Manual	n/a	n/a	n/a	n/a	4	Dispenser purchase.
14	Regipol Indústria e Comércio de Móveis Ltda.	Elias Fausto /SP	26/07/1995	Yes	Manual	n/a	n/a	n/a	n/a	4	Dispenser purchase.
15	Rio & Mar da Amazônia Eireli	Dracena /SP	09/08/1998	Yes	Manual	n/a	n/a	n/a	n/a	4	Dispenser purchase.
16	Só Capas Itápolis Indústria e Comércio Ltda.	Itápolis /SP	17/03/1985	Yes	LPD	Transtécnica	T15	2003	n/d	3	Retrofit of equipment.
17	INBRASP - Indústria Brasileiro de Plásticos Ltda.	São Paulo /SP	28/12/1988	Yes	Manual	n/a	n/a	n/a	n/a	4	Dispenser purchase.



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18	Frigs Revestimentos Térmicos	Barueri /SP	1983	Yes	HPD	Pumer	Pumer Green 1000	2001	BRA / 01 / G 68 – 01	3	Retrofit of equipment.
					HPD	Pumer	Pumer Green 1000	2001	BRA / 01 / G 68 – 02	3	Retrofit of equipment.
					HPD	Pumer	Pumer Green 1000	2001	BRA / 01 / G 68 – 03	3	Retrofit of equipment.

Method of disposal

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

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n/a – not applicable

n/d – When the data survey was made, the equipment has no serial number identification