



UNDP

CERTIFICATE OF COMPLETION

PROJECT: BRA/12/G76
AGENCY: UNDP

DATE APPROVED: 30 June 2015
ENGINEER: Miguel Quintero

CONTRACTOR: FRISOKAR EQUIPAMENTOS PLÁSTICOS S.A.

LOCAL GOVERNMENT: OZONE PROTECTION UNIT OF THE BRAZILIAN
GOVERNMENT

Issued by: United Nations Development Programme (UNDP)

AGENCY (IA)

Addressed to: Frisokar Equipamentos Plásticos S.A.
Avenida das Indústrias, nº 337
Bariri, São Paulo, Brazil.

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 FRISOKAR EQUIPAMENTOS PLÁSTICOS S.A.

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.

30 June 2015



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, 30 June 2015, all of the aforementioned responsibilities shall be passed from UNDP to Frisokar Equipamentos Plásticos S.A., located in Bariri, Brazil.

CONTRACTOR: As of Tuesday, 30 June 2015, all of the aforementioned responsibilities shall be assumed by Frisokar Equipamentos Plásticos S.A., 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 the enterprise Frisokar Equipamentos Plásticos S.A as of Tuesday, 30 June 2015:

- Investment/ engineering project implemented:
 - Construction of pre-mixing area equipped with grounding and surge arrester systems;
 - Construction and installation of two 3,000 l pre-blending stainless tanks adapted for inflammable products handling according to safety standards;
 - Installation of explosion-proofed pumps and related equipment in the pre-mixing area;
 - Construction of dikes for restraining eventual flow or leakages from dispensers and pre-mixing areas, equipped with level sensors;
 - Installation of fire-fighting, safety monitoring, emission sensors and ventilation systems;
 - Acquisition and installation of new High Pressure Dispensers;
 - Destruction of Low Pressure Dispensers;
 - Pressure dispenser pumps retrofits.
- Formulation, batch and injection trials;
- 7.06 t ODP phased out.

Executed on behalf of UNDP by ENGINEER on Tuesday, 30 June 2015:



Miguel Quintero, Engineer

CONTRACTOR accepts this Certificate on ___ July 2015:

By: 
Ulisses Carlos Raineri, CEO



ANNEX-A

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

Under Project DIM BRA/12/G76, FRISOKAR EQUIPAMENTOS PLÁSTICOS S.A., the CONTRACTOR, hereby declares that it has disposed the baseline equipment as identified in the approved Project Document for BRA/12/G76 - FRISOKAR as follows:

DISPOSAL OF BASELINE EQUIPMENT UNDER PROJECT BRA/12/G76 – (CONTRACTOR)						
Equipment Description	Make, Year and Model	Equip-ment ID#	Method of Disposal*	Date of disposal	Implemented By	Verified By
Low Pressure	Frisokar, 1995		1	January 2015	Contractor	IA
Low Pressure	Frisokar, 1995		1	January 2015	Contractor	IA
Low Pressure	Frisokar, 2000		1	January 2015	Contractor	IA
Low Pressure	Frisokar, 2000		1	January 2015	Contractor	IA
Low Pressure	Frisokar, 2000		1	January 2015	Contractor	IA
Low Pressure	Frisokar, 2002		1	January 2015	Contractor	IA
Low Pressure	Frisokar, 2002		1	January 2015	Contractor	IA
High Pressure	Hennecke, 1995		3	January 2015	Contractor	IA
High Pressure	Hennecke, 1995		3	January 2015	Contractor	IA
High Pressure	Hennecke, 1997		3	January 2015	Contractor	IA
High Pressure	Hennecke, 1998		3	January 2015	Contractor	IA
High Pressure	Hennecke, 1998		3	January 2015	Contractor	IA




High Pressure	Hennecke, 2001		3	January 2015	Contractor	IA
Blending tank	Frisokar, 2005		1	December 2015	Contractor	IA
Blending tank	Frisokar, 2002		1	December 2015	Contractor	IA

* Legend:

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

Under project BRA/12/G76 – FRISOKAR, 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:

- New High Pressure Dispenser purchased;
- 7 Low Pressure Dispensers were dismantled;
- 6 High Pressure Dispensers were retrofitted;
- 2 Blending tanks were replaced by two explosion-proof stainless tanks.

- (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) and/or which exhibit high global warming potential (higher than 25) in its manufacture of Polyurethane Foam in accordance with Term of Commitment signed on 11 august 2014.

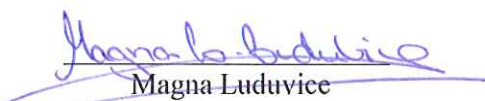



In agreement:

CONTRACTOR


Ulisses Carlos Raineri
CEO

GOVERNMENT


Magna Luduvica
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 Quintero, Engineer