

COMPANY

LOCATION

COUNTRY:

2014

OI Manufacturing

São Paulo

Brazil

PROJECT
DETAIL:

Furnace #H8, melting cross fire;
Furnace and regenerators steel partial reconstruction;
Buckstays, Crown binding steel, insulation binding steel,
Ports and Doghouses;
New Working End layout;
Alcove modification;
Forehearths steel partial reconstruction and new steel

CONTRACTOR

Project from: [OI](#)

Refractory installed (Tons.):

Steel suply (Tons.): [80 tons](#)

2014

Crisnova – Caudete (Vidrala

Spain

PROJECT
DETAIL:

Furnace CR2-129sq, End port, new rebuilding;
Completely new steel structure of furnace;
Partial steel of regenerators;
Modification of working end;
Forehearths steel casings elevation;
Furnace, regenerators and forehearths walkways
modification / installation;

CONTRACTOR:

Project from: [Horn/Vidrala](#)

Refractory installed (Tons.):

Steel suply (Tons.): [230 tons](#)

2014

Vetropack

St Prex

Switzerland

PROJECT
DETAIL:

Forehearth #214 rebuild 2014;
New distributor layout;
Forehearth support, walkways, access and casing
installation;
Machine distributor platform installation;
Modification of building roof.

CONTRACTOR:

Project from: [HORN](#)

Refractory installed (Tons.):

Steel suply (Tons.):

2013/2014

Isover SG Billesholm

Billesholm

Sweden

PROJECT
DETAIL:

Furnace T4 and Feeder rebuild 2013/2014;
Electrical furnace 42 sqm Fibre production;
Furnace, canal and forehearths steel partial reconstruction.

CONTRACTOR:

Project from: [Saint Gobain Isover](#)

Refractory installed (Tons.):

Steel suply (Tons.):

2013/2014

Keraglass

Bagneaux sur Loing

France

PROJECT
DETAIL:

Furnace #11 renovation 2013/2014;
Partial furnace steel structure modification;
Bottom Plates, Buckstays AVB, Fusion walls tank plates,
Crown binding steel, Insulation binding steel;
Superstructure steel supports and monorails.

CONTRACTOR:

Project from: [Keraglass](#)

Refractory installed (Tons.):

Steel suply (Tons.): [32 tons](#)

COMPANY

LOCATION

COUNTRY:

2013

O.I. Manufacturing

Veauche

France

PROJECT
DETAIL:

Furnace #4 renovation 2013-.
Furnace steel structure modification, Walkways, Furnace
cooling and New forehearth casing #41.

CONTRACTOR:

Project from: [OI](#)

Refractory installed (Tons.):

Steel suply (Tons.): [85 tons](#)

2013

O.I. Manufacturing

Puy Guillaume

France

PROJECT
DETAIL:

Modification of production lines M52, M53 and M54:
Structures of machines support;
Structure and walkways of forehearth, including stairs and
handrails;
Forehearth casings.

CONTRACTOR:

Project from: [OI](#)

Refractory installed (Tons.):

Steel suply (Tons.): [100 tons](#)

2013

Verallia Gran Canaria

Telde - Gran Canaria

Spain

PROJECT
DETAIL:

Furnace 45sqm, melting end port with regenerators;
Furnace, regenerators and forehearth completely
reconstruction.

CONTRACTOR:

Project from: [Verallia & LaCruz](#)

Refractory installed (Tons.):

Steel suply (Tons.): [185 tons](#)

2013

Ardagh Glass

Irvine - Portland

United Kingdom

PROJECT
DETAIL:

Furnace P5, melting end port:
Furnace overall reconstruction;
Regenerators partial reconstruction.

CONTRACTOR:

Project from: [HORN](#)

Refractory installed (Tons.):

Steel suply (Tons.): [186 tons / 330 m2](#)

2013

OI Manufacturing

São Paulo

Brazil

PROJECT
DETAIL:

Furnace #H4, melting cross fire:
Furnace and regenerators steel partial reconstruction;
Buckstays, Crown binding steel, insulation binding steel,
Ports and Doghouses;
Working End, Alcoves and Forehearth steel partial
reconstruction;
WE. Alcoves & Forehearth binding superstructure

CONTRACTOR:

Project from: [OI](#)

Refractory installed (Tons.):

Steel suply (Tons.): [35 tons](#)

References by industry

Steel Works

COMPANY

LOCATION

COUNTRY:

2013

Bormioli Rocco

Masnieres

France

PROJECT
DETAIL:

Furnace #5 - Repair 2013:
Modification of Working End;
New layout of forehearth, supports, casings &
superstructure;
Modification and installation of forehearth combustion
systems;
Modification and installation of forehearth cooling system.

CONTRACTOR:

Project from: [AGMS](#)

Refractory installed (Tons.):

Steel supply (Tons.): [20 tons](#)

2013

Phoenicia Glass Works

Yeruham

Israel

PROJECT
DETAIL:

Furnace 83sqm, melting end port with regenerators;
Furnace, regenerators and forehearth completely
reconstruction.

CONTRACTOR:

Project from: [GlassTech](#)

Refractory installed (Tons.):

Steel supply (Tons.): [225 tons](#)

2013

Barbosa & Almeida

Marinha Grande

Portugal

PROJECT
DETAIL:

Furnace C. Partial Reconstruction:
Partial steel structure of regenerators;
Buckstays, Crown Binding steel and Insulation binding
steel.

CONTRACTOR:

Project from: [Lizmontagens, SA.](#)

Refractory installed (Tons.):

Steel supply (Tons.): [30 tons](#)

2012/2013

Verallia Cognac

Cognac

France

PROJECT
DETAIL:

Furnace H3, melting end port with regenerators;
Furnace partial reconstruction;
Regenerators partial reconstruction;
Forehearth total reconstruction;

CONTRACTOR:

Project from: [S.E.T.](#)

Refractory installed (Tons.):

Steel supply (Tons.): [70 tons](#)

2012/2013

Verallia Alver

Oran

Algeria

PROJECT
DETAIL:

Furnace #H2, 115 m2 Recuperator cross fire;
Furnace And Forehearth steel partial reconstruction;
Recuperator and steel support structure completely new;

CONTRACTOR:

Project from: [GlassTech](#)

Refractory installed (Tons.):

Steel supply (Tons.): [Installation of steel](#)

COMPANY

LOCATION

COUNTRY:

2012

Verallia Montblanc

Tarragona

Spain

PROJECT
DETAIL:

Furnace H1, melting end port with regenerators and
Morgan:
Furnace overall reconstruction
Regenerators partial reconstruction

CONTRACTOR:

Project from: [Verallia](#)

Refractory installed (Tons.):

Steel supply (Tons.): [Total of new](#)

2012

AGSM

Chateauroux

France

PROJECT
DETAIL:

Furnace 9, oxi - combustion:
Furnace, throat & forehearth partial reconstruction

CONTRACTOR:

Project from: [AGSM](#)

Refractory installed (Tons.):

Steel supply (Tons.): [Total of new](#)

2012

Ardagh Glass

Knottingley

United Kingdom

PROJECT
DETAIL:

Furnace K71, melting end port:
Furnace overall reconstruction
Regenerators partial reconstruction

CONTRACTOR:

Project from: [HORN](#)

Refractory installed (Tons.):

Steel supply (Tons.): [Total of new](#)

2012

Isover Orange

Orange

United Kingdom

PROJECT
DETAIL:

Furnace 133 m2 electrical melting.
Fibre production
Furnace, canal and forehearth steel partial reconstruction.

CONTRACTOR:

Project from: [Saint Gobain Isover](#)

Refractory installed (Tons.):

Steel supply (Tons.):

2011/2012

Verallia Lonigo

Lonigo

Italy

PROJECT
DETAIL:

Furnace #H31, 115 m2 melting cross fire.
Furnace and regenerators steel partial reconstruction
Working end steel total reconstruction
Feeders #3110 and #3120, superstructure overall
reconstruction
Cooling tank and boosting system.
Walk ways of furnace, melter area and ports complete.

CONTRACTOR:

Project from: [GlassTech](#)

Refractory installed (Tons.):

Steel supply (Tons.): [150 tons](#)

References by industry

Steel Works

COMPANY

LOCATION

COUNTRY:

2011/2012

Saint-Gobain Emballage

Saint-Romain

France

PROJECT
DETAIL:

Furnace SRP2. Partial Reconstruction
Manufacturing and assembly of:
Steel structure furnace – complete
Steel structure of regenerators - partial
Steel structure feeders channels and superstructure
Electrodes cooling system platforms
Cooling system for tank, crown

CONTRACTOR:

Project from: [SGE](#)

Refractory installed (Tons.):

Steel supply (Tons.): [150 tons](#)

2011/2012

Saint Gobain Desjonqueres

Mers Les Bains

France

PROJECT
DETAIL:

Furnace #2 electrical melting, overall reconstruction,
including working end and feeders.
Manufacturing and assembly of:
feeders support structure and IS machines, and walk ways.
Complete working end, channel and superstructure
Feeder 22 complete, channel, superstructure
Feeder 21 complete, channel and superstructure

CONTRACTOR:

Project from: [TecniFrance](#)

Refractory installed (Tons.):

Steel supply (Tons.): [Steel structure](#)

2011/2012

Guardian Glass

Rostov

Russia

PROJECT
DETAIL:

New float furnace, at Rostov plant, Russia.
Supervision and assembly of:
Melter steel structure, working end, distributor, including
furnace support structure.
Walkways
Cooling systems
Inversion and melt rate regulation valves.

CONTRACTOR:

Project from:

Refractory installed (Tons.):

Steel supply (Tons.): [Total of structure](#)

2011

Saint Gobain Desjonqueres

Mers Les Bains

France

PROJECT
DETAIL:

Feeder #62, Intermediate repair
Manufacturing and assembly of:
Intermediate channel for feeder, understructure and
superstructure, including modification of support structure.

CONTRACTOR:

Project from: [Temi](#)

Refractory installed (Tons.):

Steel supply (Tons.): [1,5 tons](#)

2011

Gallo Vidro (Vidrala Group)

Marinha Grande

Portugal

PROJECT
DETAIL:

Manufacturing and assembly of steel structure
Furnace 4, melting end port: total reconstruction
Regenerators, manufacturing and assembly of new steel
structure
Furnace -melter – Partial supply of steel structure
Furnace - melter – Modification of steel structure
Furnace - throat – Supply and assembly of new steel

CONTRACTOR:

Project from: [SORG/Vidrala](#)

Refractory installed (Tons.):

Steel supply (Tons.): [190 tons](#)

References by industry

Steel Works

COMPANY

LOCATION

COUNTRY:

2010/2011

O.I. Manufacturing

Alloa, Scotland

United Kingdom

PROJECT
DETAIL:

Furnace #F81, 70 m2 melting cross fire.
Furnace and regenerators steel structure partial reconstruction
Working end steel total reconstruction
Cooling tank and boosting system.

CONTRACTOR:

Project from: [OI](#)

Refractory installed (Tons.):

Steel supply (Tons.): [160 tons](#)

2010

Saint Gobain Desjonqueres

Mers Les Bains

France

PROJECT
DETAIL:

Furnace 3, recuperator furnace, partial rebuilding
Manufacturing and assembly of:
Steel structure furnace, recuperator supports and working end
Working end structure steel
Forehearth casing and superstructure steel
Walkways for furnace .

CONTRACTOR:

Project from: [Temi](#)

Refractory installed (Tons.):

Steel supply (Tons.): [30 tons](#)

2010

BaVidro, SA

Venda Nova - Amadora

Portugal

PROJECT
DETAIL:

Furnace VN3 – Melting end port.
New Furnace
Manufacturing and assembly of:
Steel structure furnace, regenerators and working end
Working end casing and superstructure steel
Forehearth casing and superstructure steel
Walkways for furnace and regenerator.

CONTRACTOR:

Project from: [Owens-Illinois](#)

Refractory installed (Tons.):

Steel supply (Tons.): [220 tons](#)

2010

BaVidro, SA

Avintes

Portugal

PROJECT
DETAIL:

Furnace AV4 – Melting end port.
Full Reconstruction
Manufacturing and assembly of:
Steel structure furnace, regenerators and working end
Working end casing and superstructure steel
Forehearth casing and superstructure steel
Walkways for furnace and regenerator.

CONTRACTOR:

Project from: [Sorg / Owens-Illinois](#)

Refractory installed (Tons.):

Steel supply (Tons.): [200 tons](#)

2010

O.I. Manufacturing

Sevilha

Spain

PROJECT
DETAIL:

Furnace H100, melting end port.
Furnace and regenerators steel partial reconstruction
Disassembly and reassembly steel structure.

CONTRACTOR:

Project from: [OI](#)

Refractory installed (Tons.):

Steel supply (Tons.): [20 tons](#)

References by industry

Steel Works

COMPANY

LOCATION

COUNTRY:

2009/2010

O.I. Manufacturing

Vayres

France

PROJECT
DETAIL:

Furnace 1, melting cross fire.
Furnace and regenerators steel partial reconstruction
Working end steel total reconstruction
Cooling tank and boosting system.

CONTRACTOR:

Project from: [OI/Temi](#)

Refractory installed (Tons.):

Steel suply (Tons.): [140 tons](#)

2009

Crisnova – Caudete (Vidrala

Spain

PROJECT
DETAIL:

Furnace CR1-151sq, End port, new rebuilding
Assembly of:
Steel structure furnace, working end and regenerators
Feeders steel casing and superstructure
840 sq. meters of walkways.

CONTRACTOR:

Project from: [Sorg/Vidrala](#)

Refractory installed (Tons.):

Steel suply (Tons.): [550 tons](#)

2008/2009

BaVidro, Sa. Venda Nova

Venda nova - Amadora

Portugal

PROJECT
DETAIL:

Furnace 2, End port, New rebuilding
All steel structure of furnace and regenerators
Modification project refractory of melter
Modification project steel structure furnace/regenerators
Project: Lizmontagens/Heye Glass.

CONTRACTOR:

Project from: [Lizmontagens/Heye](#)

Refractory installed (Tons.):

Steel suply (Tons.): [270 tons](#)

2008

S. G. Vetri

Gazzo Veronese

Italy

PROJECT
DETAIL:

Furnace 71. Waste Gas channel (by-pass).

CONTRACTOR:

Project from: [S.G. Vetri/Gtech](#)

Refractory installed (Tons.):

Steel suply (Tons.): [15 tons](#)

2008

Vetrobalsamo SPA

Milan

Italy

PROJECT
DETAIL:

Oxi-gas recuperator furnace, partial rebuilding

CONTRACTOR:

Project from: [Vetrobalsamo SPA](#)

Refractory installed (Tons.):

Steel suply (Tons.): [15 tons](#)

COMPANY

LOCATION

COUNTRY:

2008

S. G. Vetri

Gazzo Veronese

Italy

PROJECT
DETAIL:

Furnace F2, End port
Additional Regenerator crown cooling
Walway batch silo.

CONTRACTOR:

Project from: [S.G. Vetri/Gtech](#)

Refractory installed (Tons.):

Steel suply (Tons.): [7 tons](#)

2008

O. I. Glasspack GmbH

Holzminden

Germany

PROJECT
DETAIL:

Furnace 2, End port, partial rebuilding
Melter crown engineering support.

CONTRACTOR:

Project from: [Lizmontagens/O.I.](#)

Refractory installed (Tons.):

Steel suply (Tons.): [35 tons](#)

2008

Rhodia Silices

Collonges au Mt. D'Or

France

PROJECT
DETAIL:

Furnace VT 11000, End port, partial rebuilding
(New project engineering regenerators steel structure)
All steel structure of regenerators
Partial steel structure of furnace.

CONTRACTOR:

Project from: [Lizmontagens/Rhodia](#)

Refractory installed (Tons.):

Steel suply (Tons.): [60 tons](#)

2008

Manufacture du Verre (Vidrala)

Belgium

PROJECT
DETAIL:

Furnace MDV3, End port, new rebuilding
Manufacture and assembly of:
Steel structure furnace and regenerators
Feeders steel casing and superstructure
750 sq. meters of walkways.

CONTRACTOR:

Project from: [Sorg/Vidrala](#)

Refractory installed (Tons.):

Steel suply (Tons.): [500 tons](#)

2008

Barbosa & Almeida

Marinha Grande

Portugal

PROJECT
DETAIL:

Furnace A. Partial Reconstruction
Manufacturing and assembly of:
Steel structure furnace and regenerators
Steel structure feeders support

CONTRACTOR:

Project from: [Owens/Illinois](#)

Refractory installed (Tons.):

Steel suply (Tons.): [50 tons](#)

References by industry

Steel Works

COMPANY

LOCATION

COUNTRY:

2008

Barbosa & Almeida

Marinha Grande

Portugal

PROJECT
DETAIL:

Furnace B. Full Reconstruction
Manufacturing and assembly of:
Steel structure furnace and regenerators
Steel structure feeders support
Feeders and superstructure steel channels
Electrodes cooling system platforms
Project: Owens/Illinois

CONTRACTOR:

Project from: [Owens/Illinois](#)

Refractory installed (Tons.):

Steel supply (Tons.): [290 tons](#)

2008

Ursa France SAS

St. Avold

France

PROJECT
DETAIL:

Furnace VSM 35m2. Full Reconstruction Manufacturing
and assembly of: Furnace steel structure Feeder and
superstructure steel channels.

CONTRACTOR:

Project from: [Sorg](#)

Refractory installed (Tons.):

Steel supply (Tons.): [40 tons](#)

2007/2008

Saint-Gobain Vetri

Pescia

Italy

PROJECT
DETAIL:

Furnace H82. Full Reconstruction Manufacturing and
assembly of: Steel structure furnace and regenerators.
Steel structure feeders support Feeders and superstructure
steel channels Electrodes cooling system platforms.

CONTRACTOR:

Project from: [SGV/GTech](#)

Refractory installed (Tons.):

Steel supply (Tons.): [550 tons](#)

2007

O.I. Manufacturing

Reims

France

PROJECT
DETAIL:

Furnace 3, melting cross fire. Intermediate Reconstruction
Manufacturing and supply of throat cooling system.

CONTRACTOR:

Project from:

Refractory installed (Tons.):

Steel supply (Tons.): [0,5 tons](#)

2007

Castellar Vidrio (Vidrala Group)

Barcelona

Spain

PROJECT
DETAIL:

Furnace 1 melting end port. Intermediate Reconstruction
Partial manufacturing and assembly of steel structure,
passerelles and fan system.

CONTRACTOR:

Project from: [Vidrala/Owens Illinois](#)

Refractory installed (Tons.):

Steel supply (Tons.): [40 tons](#)

COMPANY

LOCATION

COUNTRY:

2007

Saver Glass – Société Autonome

France

PROJECT
DETAIL:

Furnace 3, Intermediate Reconstruction Manufacturing and assembly of feeders steel structure. Water jackets, batch charger and feeders.

CONTRACTOR:

Project from:

Refractory installed (Tons.):

Steel suply (Tons.): 9 tons

2007

Saint-Gobain Vetrotex

Alcalá - Madrid

Spain

PROJECT
DETAIL:

Manufacturing and assembly of steel structure furnace and channels Reconstruction : Furnace AR Fiberglass.

CONTRACTOR:

Project from:

SG-Vetrotex

Refractory installed (Tons.):

Steel suply (Tons.): 60 tons

2006

Saint-Gobain Emballage

Lagnieu

France

PROJECT
DETAIL:

Manufacturing and assembly of steel structure and feeders Furnace 1, melting end port: Reconstruction and enlargement.

CONTRACTOR:

Project from:

SGE

Refractory installed (Tons.):

Steel suply (Tons.): 450 tons

2006

Gallo Vidro (Vidrala Group)

Marinha Grande

Portugal

PROJECT
DETAIL:

Manufacturing and assembly of steel structure Furnace 4, melting end port: Intermediate Reconstruction.

CONTRACTOR:

Project from:

SORG

Refractory installed (Tons.):

Steel suply (Tons.): 25 tons

2006

Barbosa & Almeida

Avintes

Portugal

PROJECT
DETAIL:

Manufacturing and assembly of steel structure Furnace 2, melting end port: Overall Construction.

CONTRACTOR:

Project from:

Owens Illinois

Refractory installed (Tons.):

Steel suply (Tons.): 190 tons

COMPANY

LOCATION

COUNTRY:

2006

Saint-Gobain Emballage

Chalon

France

PROJECT
DETAIL:

Manufacturing and assembly of steel structure Furnace 2,
melting end port: Intermediate repair.

CONTRACTOR:

Project from: [SGE](#)

Refractory installed (Tons.):

Steel supply (Tons.): [15 tons](#)

2006

Holophane

Les Andelys

France

PROJECT
DETAIL:

Engineering, manufacturing and assembly of steel structure
Furnace 5, melting end port: Reconstruction and
enlargement.

CONTRACTOR:

Project from: [Projeref/Lizmontagens](#)

Refractory installed (Tons.):

Steel supply (Tons.): [90 tons](#)

2005

Saint-Gobain Emballage

Chalon

France

PROJECT
DETAIL:

Manufacturing and assembly of steel structure Furnace 1,
melting end port: Intermediate repair.

CONTRACTOR:

Project from: [SGE](#)

Refractory installed (Tons.):

Steel supply (Tons.): [30 tons](#)

2005

Saint-Gobain Emballage

Saint Romain Le Pui

France

PROJECT
DETAIL:

Manufacturing and assembly of steel structure Furnace 1,
melting end port: Intermediate repair.

CONTRACTOR:

Project from: [SGE](#)

Refractory installed (Tons.):

Steel supply (Tons.): [20 tons](#)

2005

Duralex, SAS

Rive de Gier

France

PROJECT
DETAIL:

Engineering, manufacturing and assembly of steel structure
Electrical Furnace, Tableware: Reconstruction and
enlargement.

CONTRACTOR:

Project from: [Projeref/Lizmontagens](#)

Refractory installed (Tons.):

Steel supply (Tons.): [40 tons](#)

COMPANY

LOCATION

COUNTRY:

2004

Barbosa & Almeida

Marinha Grande

Portugal

PROJECT
DETAIL:

Manufacturing and assembly of steel structure.
Reconstruction and enlargement: Furnace C, melting end
port.

CONTRACTOR:

Project from: [Owens Illinois](#)

Refractory installed (Tons.):

Steel suply (Tons.): [200 tons](#)