



TEPLOTECHNA – PRIMA, s.r.o.®

“High Standard of Glass Melting Technology available for all...!”

**J.K. Tyla 2859/1, 415 01 Teplice
Czech republic
<http://www.teplotechna-prima.com>**



TEPLOTECHNA – PRIMA, s.r.o.®



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- Teplotechna - Prima, founded 1989 – is the merger of two – originally state-owned companies – Teplotechna s.p. and Uniprojekt s.p..
- Since its foundation in 1952, Teplotechna s.p. operated in the whole territory of Czechoslovakia and abroad, where it built projects in Argentina, Brazil, Egypt, Finland, Iraq, Germany, Greece, Syria, Vietnam etc.
- Uniprojekt s.p. was also established in 1951 as the state-owned design institute for glass, ceramic and lumber industries and their operation area was predominantly Czechoslovakia but they had also projects in Germany, Cuba and other places.
- The company was privatized in 1989-1990, the new owners bought completely all estates, facilities, equipment and machinery, retained the expertise of their employees and the large archives containing projects documentation, patents etc. Related to 40 year history of the both state companies.



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Company HQ :

J.K. Tyla 2859/1
415 01 Teplice
Czech republic



Production and storage facility near Teplice :

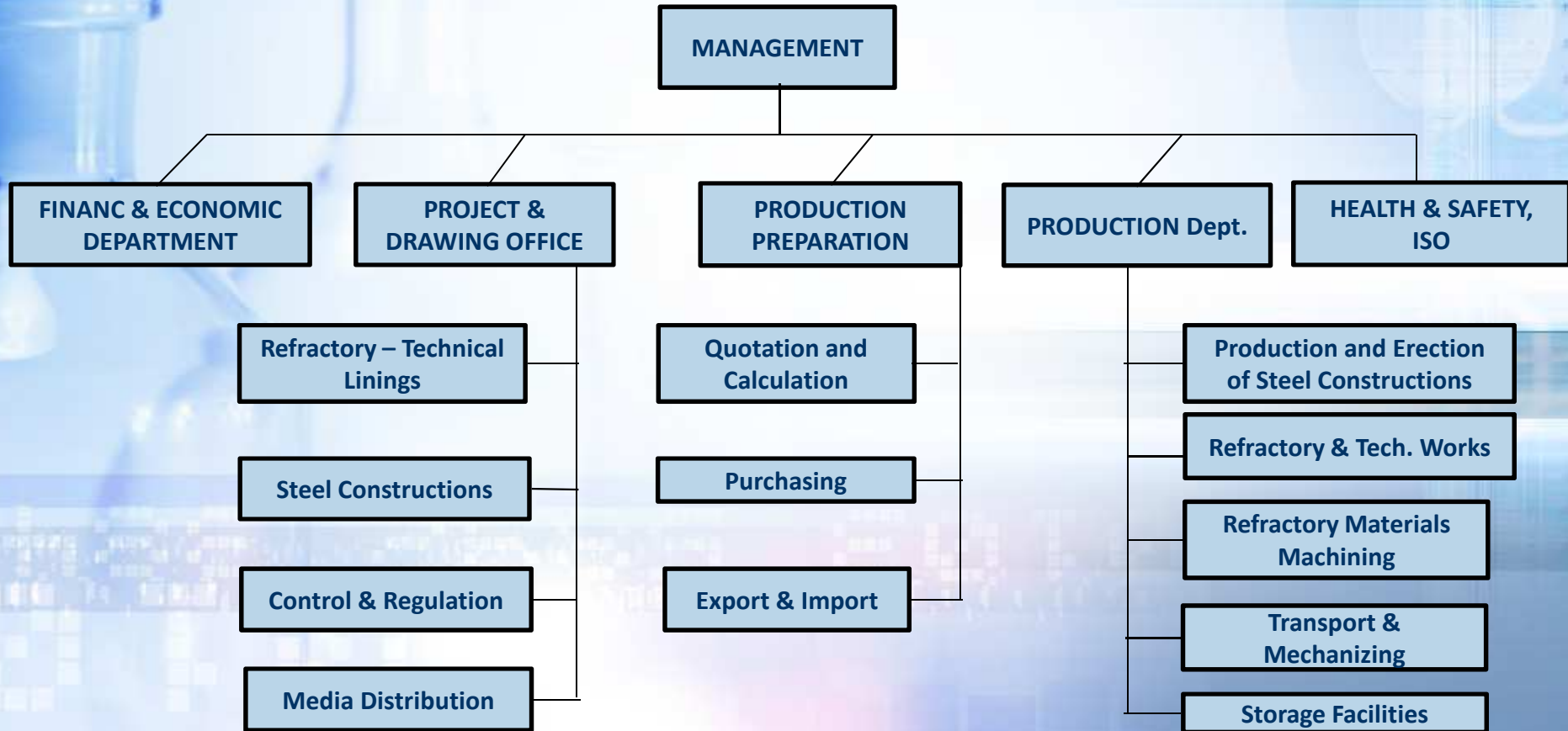
Areál Jaroslav
417 12 Proboštov
Czech republic





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ORGANIZATION CHART





- ❑ General overhaul of furnace #7 (realization year 1996)
Skloobal Nemšová s.r.o., Nemšová, Slovakia
- ❑ General overhaul of furnace #3 (design, realization year 1995)
Skloobal Nemšová s.r.o., Nemšová, Slovakia
- ❑ General overhaul of furnace #6 (realization year 1996)
Skloobal Nemšová s.r.o., Nemšová Slovakia
- ❑ General overhaul of furnace #5 (design, realization year 1997)
Skloobal Nemšová s.r.o., Nemšová, Slovakia
- ❑ End fired furnace # 72 (realization to HORN company year 2004)
Vetropack Nemšová s.r.o., Nemšová, Slovakia
- ❑ Vetropack melter V 52 (design, realization year 1993, partial repair
Vetropack Moravia Glass a.s. in year 2003– working till 2010), Kyjov, CZ
- ❑ Vetropack melter V 51 (design, realization year 1997, partial repair
Vetropack Moravia Glass a.s. in year 2008– working till 2014), Kyjov, CZ
- ❑ **Turn-key project of end fired furnace V 51 350 tpd – (year 2014)**
**Vetropack Moravia Glass a.s.(complete design, deliveries and installation
from Batch Chargers to glass gob, Kyjov, CZ)**

Teplotechna-Prima s.r.o., provides service/maintenance works (incl. hot works) regarding to the Vetropack Moravia Glass Kyjov furnaces a.s. and Vetropack Nemšová s.r.o. furnaces.



- ❑ Float furnace (realization in year 1994 working period till 2009)AGC Flat Glass Czech, Teplice, CZ
Teplotechna Prima provides hot works repairs of all furnaces of AGC Flat Glas Czech.



- Electrical furnace # 1 (realization year 2007) O-I Rudolfova Hut, Dubi, CZ
- End fired furnace 200 tpd (realization year 2001 - 2016) O-I Rudolfova Hut, Dubi
- General overhaul of cross fired furnace # 3 (2013) O-I Nove Sedlo, Dubi, CZ
- Complete checkers replacement (furnace in idle mode, but O-I Hungary plant Oroshaza, Hungary without glass draining year 2013)
- Complete regenerator chambers (left and right chambers) target walls repair – hot works (2015)
- Teplotechna-Prima provides hot works repairs of all O-I Czech furnaces (complete replacement of the checkers in idle mode, overcoating for example etc.)
- Teplotechna-Prima s.r.o., has signed contract with O-I Czech a.s for all service/maintenance works (incl. hot works) regarding to the all furnaces in Czech Republic
- General overhaul of end fired furnace (November 2016-January 2017) O-I Rudolfova Hut, CZ



- Construction of refractory lining of oxymelter F40/0 plant Gliwice, Poland (1997)
- Partial overhaul of end fired furnace plant Ladenburg (year 2014)
- Walls under recuperator hot repair(year 2009)



- General repair of existing End Fired Furnace in Seves – Vitrablok a.s. Duchcov, Czech Republic – demolitions and assembly works (refractory lining, steel structure, cooling system) realization through Stara Glas (year 2014).



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it's time to save energy

with **ECOSE**
TECHNOLOGY

- Complete backwall refractory lining replacement (furnace in idle mode but without glass draining) plant Krupka, CZE (year 2010)**
- Complete backwall refractory lining replacement incl. stack refractory lining replacement and partial overcoating (furnace in idle mode but without glass draining) plant Lannemezan, France (year 2013)**
- Design, manufacturing and construction of reasearch and transition channels plant Skofja Loka, Slovenia (year 2013)**
- Complete stack refractory lining replacement (furnace in idle mode but without glass draining) – plant Krupka CZE (years 2011 and 2014)**
- Complete stack refractory lining replacement (furnace in idle mode but without glass draining) - plant Bernburg, Germany (year 2014)**
- General overhaul of the oxymelter furnace, plant Stupino, Russia (year 2014)**
- Complete stack refractory lining replacement (furnace in idle mode but without glass draining) – plant Vise, Belgium (year 2015)**
- General overhaul of the oxymelter furnace, plant St. Helens, UK (year 2015).**
- Complete stack refractory lining replacement, electrodes overcoating - without a stop of production - plant Lannemezan, France (year 2015)**
- Small hot repairs of the channel superstructure plant Eskisehir, Turkey (year 2015)**
- Teplotechna-Prima provides hot works repairs for Knauf Insulation whole Europe Group (electrodes replacement incl., overcoating, burner blocks replacement etc.)**
- General overhaul of the oxymelter furnace, plant Krupka, Czech Republic (year 2016)**



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- Partial channel overcoating - plant Eskisehir, Turkey (year 2016)**
- Forehearth superstructure hot repair - plant Bernburg, Germany (year 2016)**
- Complete stack refractory lining replacement (furnace in idle mode but without glass draining) - plant Bernburg, Germany (year 2016)**
- Batch charger openings replacement – hot works - plant Bernburg, Germany (year 2016)**
- Complete stack refractory lining replacement (furnace in idle mode but without glass draining) – plant Vise, Belgium (year 2017)**
- Refiner repair – hot works - plant Eskisehir, Turkey (year 2017)**
- Doghouse corner jamb blocks replacement and stack replacement (furnace in idle mode but without glass draining) - plant Stupino Russia (year 2018)**
- Partial refractory and steel installation + air cooling modification before restart of VB1 melter after 2 years idle - plant Vise, Belgium (year 2017)**
- Charger backwall top layers of refractory lining replacement and tankwall overcoating – plant Cwmbran, UK (year 2017)**
- Partial tankwall overcoating – plant Lannemezan, France (2017)**
- Partial glass line blocks replacement + partial tankwall overcoating of VB 2 melter (furnace in idle mode but without glass draining) – plant Vise, Belgium (year 2017)**
- General overhaul of the oxymelter furnace, plant Cwmbran, UK (year 2018)**
- Partial tankwall overcoating - plant Vise, Belgium (year 2018)**
- Cleaning, sealing and overcoating of channel electrodes, rebuild of channel burner openings, channel superstructure hot repairs – plant Bernburg, Germany (year 2018)**
- Partial refiner overcoating – plant Eskisehir Turkey (year 2019)**



- ❑ **Complete stack refractory lining replacement (furnace in idle mode but without glass draining) – plant Bernburg, Germany (year 2019)**



- ❑ **Plant Albi – manufacturing and installation of furnace platforms and manufacturing and installation of cooling air distribution system/piping (year 2015)**
- ❑ **Plant Chalon - sur-Saône – manufacturing and insulation of furnace platforms and manufacturing and installation of cooling air distribution system/piping (year 2015)**



- ❑ **Heating plant Varnsdorf - bricklining repair of boilers K2 and K3 (yearly repair since 1993 till the present)**



- ❑ **SITA CZ, a.s. - repair of rotary kilns and subsequent technologies of lines A and B (yearly repair since 1993 till the present)**



- ❑ **Rüchl Glass a.s., Nižbor - turn key project of glass furnace - recuperator melter**



- ❑ Bohemia Machine, Světlá nad Sázavou - turn key project of glass furnace 3,5 tpd (design, deliveries and assemblies incl. recuperator)



- ❑ repair of the flame in workshop NPK (year 2006)
- ❑ bricklining assembly - flue in operation (year 2006)

THE LINDE GROUP



- ❑ Molecular Sieve Vessels and Pipeline Exchange during TAR ASU Brno (2016)
- ❑ PSA plant installation and technology supply in DEZA Valašské Meziříčí (2017)



- ❑ Partial repair of glass eight pot furnace and hotworks



Russia/Ukraine Container Glass

- End fired furnace 160 tpd (Complete design, part. delivery, construction year 2004)
Chagoda Glass Factory i K, Vologoda reg.
- End fired furnace 240 tpd (Complete design, part. delivery, construction year 2006)
Chagoda Glass Factory i K, Vologoda reg.
- End fired furnace 420 tpd (Complete design, part. delivery, construction year 2007)
Ch. G. F. i K - Lipeck, Lipeck reg.
- End fired furnace 420 tpd (Complete design, part. delivery, construction year 2008)
Ch. G. F. i K - Lipeck, Lipeck reg.
- End Fired furnace 270 tpd (Complete design, part. delivery, construction year 2009)
Glasstrade, Yoshkar-Ola
- End fired furnace 420 tpd (Complete design, part. delivery, construction year 2010)
Aktis, Novocherkassk, Rostov reg.
- End fired furnace 420 tpd (Complete design, part. delivery, construction year 2011)
Aktis, Novocherkassk, Rostov reg.
- End fired furnace 420 tpd (Complete design, part. delivery, construction year 2013)
Aktis, Novocherkassk, Rostov reg.

Ukraine

- Turn-key project of end-fired 240 tpd, Rokitno Glass Factory, Rivne reg. Complete design deliveries, construction – realization year 2006



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