Glass Open Book



Glass Furnace Engineering & Construction Consultant

Field of activity:	Engineering
Glass industry sector:	Glass container, Flat / Float glass, Glassware
Type of employment:	Full-time, Temporary, Remotely

Independent Glass Furnace Engineering & Construction Consultant with 15 years of hands-on experience in furnace design, thermal calculations, refractory selection, combustion system design, regenerator optimization, greenfield projects, furnace conversion, hot repair, electric boosting installation & troubleshooting, commissioning, heat-up management, and process optimization.
Key experience includes successful delivery of greenfield end-fired regenerative furnace construction projects for tableware and container glass production, cross-fired to end-fired furnace conversion for sheet glass production, and critical hot repair interventions including regenerator crown and partition wall rebuilds, checker and chimney block replacement, and drilling of tank side wall blocks for side boosting and tank bottom blocks for barrier boosting electrode installation — all executed on live furnaces in operation.
Experienced in managing international OEM and supplier engagements across Europe and China.
Available for full-time positions, project-based assignments, and remote consulting globally. Open to relocation worldwide. Core services include furnace engineering & design, construction management, hot repair, process optimization, electric boosting, commissioning & heat-up management, and technical training & knowledge transfer for furnace operation teams.

Languages:	English, Urdu
Living location:	Pakistan (Open for relocation)
Preferred job location:	Worldwide
Willingness to travel:	Any-time

Work experience

Company:	Gunj Glass Works Ltd
Job title:	Manager Glass Technology & Engineering Oct 2017 - Apr 2026 (8 yrs 6 mos)
Responsibilities:	Furnace design, construction & rebuild management. Greenfield project execution. Electric boosting integration. Hot repair. Commissioning & process optimization

Company:	Baluchistan Glass Ltd
Job title:	Process Engineer Feb 2012 - Sep 2017 (5 yrs 7 mos)
Responsibilities:	Glass melting & forming process optimization. Electric boosting operation & troubleshooting. Batch plant management. Quality control & HSE compliance.

Education

School:	University of Engineering & Technology Lahore Bachelor's degree, Chemical engineering 2007 - 2012

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About me

Statement:	Independent Glass Furnace Engineering & Construction Consultant with 15 years of experience in furnace design, thermal calculations, hot repair, electric boosting, refractory selection, combustion systems, commissioning, process optimization, and technical training. Available for projects worldwide.