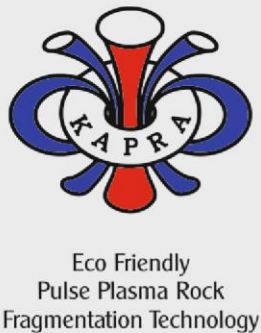


Business Associates :



## ECO FRIENDLY PULSE PLASMA ROCK FRACTURING TECHNOLOGY

**Timely or Early Completion** of a project allows everyone to Smile and save money, specifically when the project involves **REMOVAL** of **ROCK**. Conventional methods are Drill & Blast; Control Blast; Hydraulic breaker etc. All have their limitation & advantages over other processes.

We have a unique solution i.e. **Eco Friendly Pulse Plasma Rock Fragmentation** technology which involves non-explosive rock blasting using chemical cells and an Electro Pulse Injector (EPI) which has several advantages.

The benefits of the technology are:

- **No Licenses and Permissions** required for **stocking / transportation/ operation** from Explosive department or Police department.
- **Low Vibrations; Low noise & low dust.**
- **No flying of rocks & no fumes.**
- **Environmentally Eco friendly technology.**
- **Broken rocks** are of **small sizes.**
- **No hindrances** to the **nearby works / Infrastructure.**
- Used where **underground water** exists.
- Used for **soft & hard rock.**

All this advantages allow us to use the technology near the sensitive areas such as **existing structures, plants, buildings, rail tracks, airstrip, dams, canals, pipelines** etc.

**Government of India, Petroleum & Explosive Safety Organization (PESO), Navi Mumbai** has **CERTIFIED** the **technology** as **Non-Explosive Process.**

**Pulse Plasma** for rock cracking & fragmentation technology was invented by **Korea Accelerator and Plasma Research Associations (KAPRA)**, which is an R & D organization funded & approved by Ministry of Science & Technology (MOST), South Korea. The technology is patented in different countries like Korea, USA, Japan, Europe etc.

Direct cost of the technology usage increases the overall cost of the project but when the benefits & commercial advantages are considered due to early completion of the rock excavation with total Safe operation system, the project owners can visualize their faster & better returns on his investment.

Direct benefits because of early completions of the project are:

- **Interest** on project cost is **lower.**
- **Cost saving** in the **supervision charges, men power and other site expenses.**
- **Increases the capability of handling more projects by same men power.**

**Regd. Add :** 903, Radhe Tower A, Race Course, Vadodara 390 007 India.

**Office Add :** 201, Tirth Avenue, Opp. Amin Party Plot, High Tension Road, Gotri, Vadodara India.

**Web :** [www.dattatreya-inc.com](http://www.dattatreya-inc.com) **Telephone :** +91 265 2974338

Business Associates :



Eco Friendly  
Pulse Plasma Rock  
Fragmentation Technology



# DATTATREYA INC.

- Allows faster recovery of money invested, which in turn can be further reinvested in different projects.
- If project is **behind the schedule** due to improper rock excavation; can be **put back on track or even completed in advance** depending upon the stage of excavation.

We are please to inform that we have completed few Projects in India like:

- **RPS Infraprojects** Pvt. Ltd for their project of MCGM (Mahanagar Corporation of Greater Mumbai) for widening & deepening of Mthi River at Mumbai.
- **Relcon Infraprojects** Pvt. Ltd for their project of MCGM for widening & deepening of Mithi River at Mumbai.
- **Jyoti Constructions**, Mumbai for IT park foundation & approach road at, Hiranadani, Opp. to IIT, Powai; Mumbai.
- **Wadhwan Builders** at Bandstand, Bandra, Mumbai through **Shyamnarayan Brothers** for building foundation.
- **Oberoi Builders** at Fantasy Land, Mumbai through **Vishwajit Sood** for building foundations.
- **L&T** at **Bangalore International Airport**.
- **L&T** at **Delhi Metro** for **underground substations**
- **Panchsheel Builders**, Pune

For more information, visit [www.dattatreya.com](http://www.dattatreya.com), where the actual pictures, site videos, brochures, presentations, certificate from Ministry of explosive are already available.

Our company **GOAL** is to implement successfully **WORLD CLASS DRIVEN TECHNOLOGY** of the highest standard for **SHAPING** the **FUTURE**, which drives us towards endless opportunities.

Thanking You,

**Dattatreya Inc.**

(O) – 02652974338

(M)- +919824049872

[info1@dattatreya.com](mailto:info1@dattatreya.com)

[www.dattatreya.com](http://www.dattatreya.com)

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