K. S. School of Engineering and Management

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Department of Management Studies & Research Cemtre

REPORT OF INDUSTRIAL VISIT ORGANISED

ON

13TH SEPTEMBER 2023

DPK ENGINEERS PVT. LTD

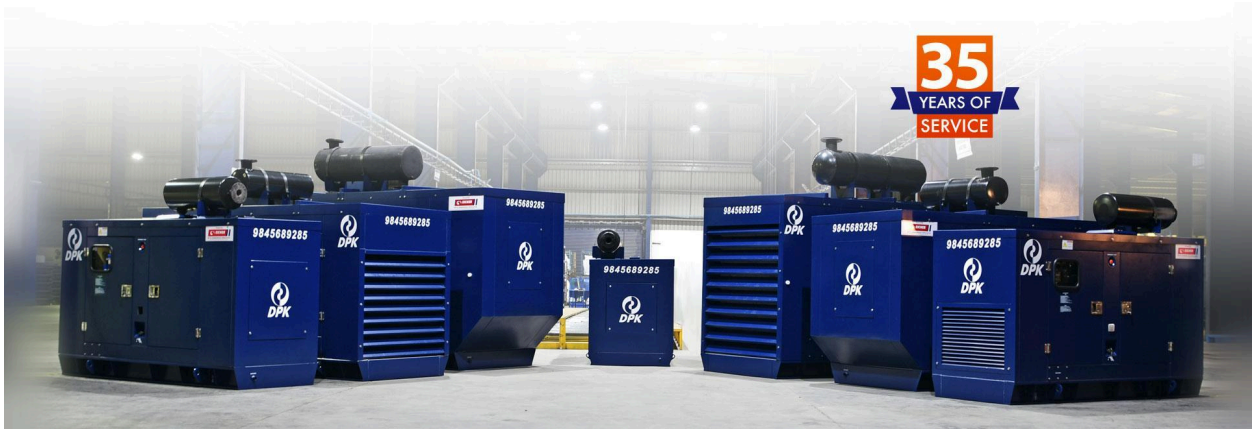
DPK Engineers Private Limited

DPK Engineers Pvt. Ltd. was started in 1985 by a team of professionals for manufacturing and marketing diesel generating sets and pump sets. The company markets their products directly and through an extensive dealer network. Earlier the company sold sets largely in Southern India and some parts of Northern India. The company exported sets to countries like Sri Lanka, Senegal, Vietnam and Bangladesh.

Now, DPK manufactures & markets diesel generating sets from 5KVA to 3000KVA and has partnered with world class engine manufacturers. Currently DPK is operating in South India and will expand its presence to PAN India and exports markets.

The company offers total solution to customers for power requirements. The company achieved a sales turnover of Rs.209.18 crore in FY16-17, Rs.180.00 crore in FY17-18 (due to the adverse market & economic conditions - demonetization, RERA & introduction of GST) and Rs.188.62 in FY18-19.

The company has established an excellent marketing network and most of the customers are repeat customers with >50,000 satisfied customers, with supply of >60,000 DG sets.



Vision

Our vision is to become a significant player in specialized industrial equipment and be the preferred choice of the customer.

Mission

Grow at a rate of 10 -15% per annum in top line & bottom line in the next 10 years by vertical and horizontal expansion in the areas of core competence through:

- Process based management
- Lean and flat competent team
- Cost effective processes

And to satisfy all the stakeholders.

Manufacturing Facilities

State-of-the-art 1,00,000 sq. ft facility at Harohalli near Bangalore; spread over 6.1 acres, with renowned world class engines and alternators. Acoustic enclosures, control panels and other

components are manufactured by DPK strictly in accordance to high quality standards & specifications to ensure reliable service – year after year.

- Capacity of 9,600 Gensets on 3 shift basis
- Lean and flat competent team
- Future expansion area of 1,25,000 sq. ft.

Product Overview

- CPCB 2 Approved
- State-of-the-art in-house design
- Aesthetically superior, fully integrated weatherproof acoustic enclosure.
- Designed keeping customer convenience & usage.
- Ready to use design.
- High block loading capacity.
- Engines comply with latest stringent international emission norms.
- Utmost reliability ensuring continuous 24 x 7 power availability.
- Extremely rugged & durable design: proven in toughest applications like construction equipment, material handling, marine and agricultural equipment.
- Tate-of-the-art technology to suit operations in low/high ambient temperature, high humidity and high altitude.
- Low life cycle cost.
- Easy serviceability for routine maintenance, replacement and overhauling.
- Lower maintenance cost.
- Long maintenance intervals.
- Easy availability of spare parts.

- Minimum cost for maintenance, spares & service.
- Single point service.
- PAN India single point AMC.

Partners

VE Commercial Vehicles Limited (VECV) is a 50-50 joint venture between the Volvo Group and Eicher Motors Limited. It is a partnership that brings together Global leadership in technology, quality, safety and environmental care, along with the deep knowledge and understanding of the Indian market.

A culmination of Volvo group's global process and world class technology and Eicher's frugal engineering and deep knowledge of developing markets.

PRODUCT FEATURES

- Superior Aesthetics
- Environment Friendly
- Unmatched performance & reliability
- Maintenance friendly & easy serviceability design
- Specification of DPK acoustic enclosure
- Standard scope of supply of DG Sets
- Optional features
- Escorts Engines
- Leroy Somer alternator

Process

1. Raw materials of base CR sheet.

2. Automatic cutting machine of CR sheets with well programmed.

3. Bending process with the help of CAD print with the manual instructions.

4. Welding process of programmed with all the man power instructions.

5. Painting process of how the powder coating will turn to paint with some concentration of the process.

6. Fuel test process of semi- finished goods.

7. The engine motor is fixed to base goods, and the final product is produced.

Outcome/ Learnings

Practical Knowledge: It helped in gaining a deeper understanding of how theoretical concepts are applied in real-world industrial settings.

Industry Insights: Learnt about industry-specific processes, technologies, and trends.

Networking: Had opportunities to connect with professionals and potential future employers in the industry.

Soft Skills: Helped develop communication, teamwork, and interpersonal skills through interactions with professionals.

Safety Awareness: Understand the importance of safety protocols and practices in industrial environments.

Application of Theory: Application of academic knowledge into practice.

Conclusion

We are thankful for all the faculties for organizing the visit that has helped enhance our knowledge in the industry and provided us a ground level exposure of the various activities at the center.