

Company Internships.

3. Herborn, Germany **Rittal GmbH & Co. KG** Auf dem Stützelberg D-35745 Herborn.

March, April, August to December 2003.



The new Quality Assurance laboratory in Herborn

Production facility at Herborn, Germany

Herborn - the Rittal headquarters - is a meeting point for outstanding ideas from the markets around the world. Modern manufacturing and assembly facilities stand for streamlined and efficient production of the successful Rittal classics AE, KL and EB.

- *Enclosure systems:* The new diversity of enclosure product range offers perfect and economical solutions for all applications.
- *Electronic Systems:* Rittal continues to present new ideas with one of the most comprehensive packaging ranges in the world.
- *Climate Control:* Rittal climate control components are predestined for the solution of integrated tasks
- *Power Distribution:* Rittal offers a broad spectrum of solutions for low-voltage distribution
- *IT Solutions:* Comprehensive system solutions to meet the needs of the IT market.
- *Outdoor Enclosures:* Rittal CS outdoor enclosures set standards with their high level of security.
- *Interactive Terminal Systems:* The vision of practical functionality and aesthetic design ideas is translated into reality.

The great advantage of Rittal's extensive range of enclosures - perfect, cost-effective solutions to suit every application. All in all, the wealth of sizes, the application-oriented choice of materials, the tailoring to specific applications, the modular range of system accessories and compatibility with all other Rittal ranges gives Rittal's customers a competitive lead from a single source.

Tasks Involved at RITTAL:

- ***Logistics Management.***
- ***Production Planning.***
- ***Optimization of Assembly Lines.***
- ***Material Management.***

I was involved in the Industrial Enclosures Department for optimization of the assembly lines paving for an efficient production of the successful Rittal classics AE, KL and EB. My major tasks involved the logistics and ergonomics of the material management and the calculation of the requirement of constituent parts for the manufacture and successful assembly of the Rittal classics AE, KL and EB enclosures. Also analyzed the various containers these constituent components were supplied in to the assembly and derived optimum space saving containers for each of them depending on their requirement per shift or per day avoiding wastage of place and excess storage around the assembly line. Some of the typical enclosures are as follows:

- *Compact enclosures AE*
- *Compact enclosures AK*
- *Terminal Enclosures KL*
- *Bus enclosures BG*
- *Cast aluminium enclosure GA*
- *Plastic Enclosures KS*
- *Exclusive Enclosures ES*
- *Perfect panel system PS*
- *PC enclosure system PC*
- *Console system AP*
- *EMC enclosures*

References:

Mr. Achim Rink

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