



Infrastructure for the Meat Industry



ABATTOIR ® MEAT PROCESSING OVERVIEW

SCIP Engineering Group in association with van Vliet de Wet and Partners, offer mechanical, structural and civil consulting engineering services specializing in abattoirs, meat processing facilities and allied projects. The partners of the firm have for the last 35 years been intimately involved in the design and supervision during construction of plants and equipment for the meat industry. Their experience covers all aspects of abattoir and meat processing facilities, both locally and internationally.

The partners were responsible for the planning and supervision work during construction of many new abattoirs. These abattoirs range in size from the small rural facilities to some of the largest abattoirs in the country. A number of these abattoirs have been designed to comply with the stringent European Union export standards. They also include the design of slaughter facilities complying with Halaal and Kosher ritual requirements. The firm also has extensive experience in up-grading existing plants to improve throughput and to optimise the use of existing facilities.

The partners have been involved in more than 90 abattoirs and meat processing facilities.

AREAS OF EXPERTISE

- Abattoir layouts
- · Livestock holding and handling
- Dressing procedures on both mechanical and static lines
- Offal handling and processing
- · Cold room and freezer facilities
- · De-boning plants
- By product plants
- Meat processing and small goods manufacturing plants
- · Wholesale facilities
- Tanneries

INTEGRATED CONSULTING SERVICES

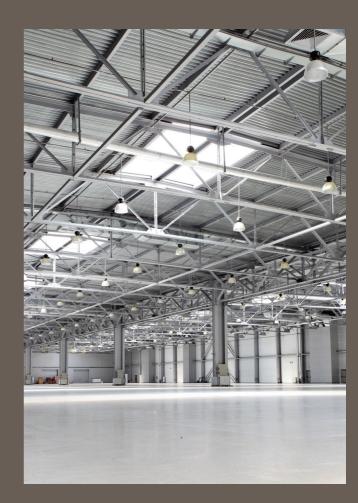
The services offered vary from a full engineering consultancy including preliminary design, obtaining approvals, detailed design, calling for and placing tenders, supervising construction and project management, to a partial service of only preparing designs for statutory approvals.





Other services which can be provided include assistance in site selection, economic viability studies, including determining the capacity of plants, estimates of building costs, labour requirements, running costs, long term expansion planning, advice on standard equipment and building finishes, the procurement and design of special items of equipment etc.

The firm is therefore able to offer the most experienced team and experts available to concentrate on the requirements of abattoir $\$ meat processing project.



SCIP EXPERTISE

SCIP has extensive knowledge and experience in project and construction management, housing developments, municipal and structural engineering, provincial and national roads, bridges, as well as labour intensive construction methods and skills development.

We specialise in the following areas:

- Affordable housing developments
- Labour intensive construction
- Project management
- Water
- Stormwater
- Flood analysis
- Sewer
- Roads
- Structures
- Sports facilities
- Recreation facilities
- Design and construct projects
- Abattoirs
- Effluent treatment

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STRUCTURES ® BUILDINGS ROADS ® STORMWATER HOUSING ® HUMAN SETTLEMENT WATER ® SEWER ABATTOIR ® MEAT PROCESSING

