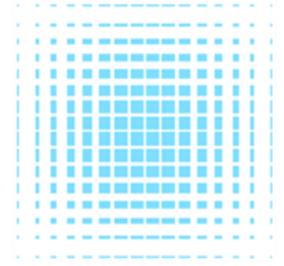




INTERCOOL FOOD TECHNOLOGY LTD.



Chilling process for a new pork slaughter facility at Kekén, México

Chilling Process Specifications

Comprehensive documentation was developed for the blast chilling equipment and its performance requirements. This includes specifications for air temperature, process duration, airflow, carcass spacing, and all other parameters essential to minimizing chill loss and ensuring high meat quality in the final chilled carcasses. The specifications cover both the quick/blast chilling zones and the adjacent equalizing rooms.



Building Specifications for Chilling Areas

Detailed guidelines were provided for the proper construction of the insulated structures housing the quick/blast chillers. These guidelines ensure long-term structural integrity, even with frequent defrosting and refreezing during cleaning operations. The specifications also outline best practices for integration with other building components, including pipe penetrations, maintaining vapor barrier integrity, finishing of insulated panels, and supporting steel columns on insulated flooring.



Review of Refrigeration Contractor Documentation

A thorough review was conducted of the proposed supply from the selected refrigeration contractor. This review ensured that the equipment delivered meets the required quality standards and performs satisfactorily.





Statement by client: Kekén Sahé, México

"Involving Intercool's consultants from an early stage ensured that we expanded the planned area for our rapid cooling operation, which allowed us to establish a process that positively influenced meat quality and reduced cooling loss levels. They also provided on-demand support by evaluating construction details to extend the building structure's lifespan."



Project Manager, Lead Engineer
Ivan Villalobos Blanco

PROJECT INFO

Cooling area -
2720 m²

Slaughter capacity -
500 pigs/hour

Duration -
2016-2019

Chill loss target -
1.0%



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