

MILK PRODUCT PLANT

CHANNARAYAPATNA

A UNIT OF KARNATAKA MILK FEDERATION



Shettihalli, Janivara (Post), Channarayapatna (Tq.)-573 116, Hassan (Dist.) Karnataka.
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1.0 Back ground:

The milk procurement by the co-operatives in Karnataka has steadily increased over the years due to the efforts and policies favoring milk production. Existing infrastructure of the milk co-operatives in the state was found to be insufficient for handling the excess milk.

In order to meet the increased processing requirement, **Karnataka Milk Federation (KMF)**, in consultation with *National Dairy Development (NDDB)*, conceived to setup a product dairy of 400 TLPD with 30 MTPD powder plant in the year 2005. It was decided to set up the plant at Channarayapatna, Hassan Dist (Karnataka), a strategic location to handle the surplus milk of Hassan, Mandya, Mysore and Tumkur milk unions.

The project was entrusted to NDDB on turnkey execution basis.

2. Salient features of the project:

Infrastructure:

- The project has been setup in a 22 Acres of land, beside national high way NH-48 (Bangalore-Mangalore)
- Estimated cost of the project is Rs 6942.64 Lakh out of which 20% is born by KMF and remaining is loan from NDDB.
- State of the art automation technology (DCS / Scada) for milk processing and powder manufacturing and energy efficient equipment and machineries adhering to HACCP standard.
- Fully automated refrigeration plant using environment friendly ammonia liquid over feed system with ICE silo.
- Milk storage facility : 600 KL

- Cream storage: 60 KL
- Butter storage: 750 MT
- Ghee storage: 150 MT
- Effluent treatment plant using environmental friendly anaerobic technology.

3.0 Processing Capacity:

- Milk processing: 400 TLPD
- Milk powder Production: 30 MTPD
- Butter Production: 21 MTPD
- Ghee Production : 5 MTPD

4.0 New Project at Milk Product Plant

- Installation of Nadini UHT Milk Processing and packing facility of 1,00,000 Ltrs/ Day Capacity.
- Includes facility for packing Nadini UHT milk in 500 ML, 200 ML Fino and 200 ML Brik packs.
- Includes facility for packing Nandini Flavored Milk in 200 ML Packs.
- This Project is aimed to address ever growing Market demand of Nadini UHT Milk.