



Hamriyah Cement Company Hamriyah Free Zone-Sharjah, U.A.E.

CEMENT GRINDING PLANT 115 TPH



HCC
شركة إيمان
HAMRIYAH CEMENT COMPANY (P.S.C)

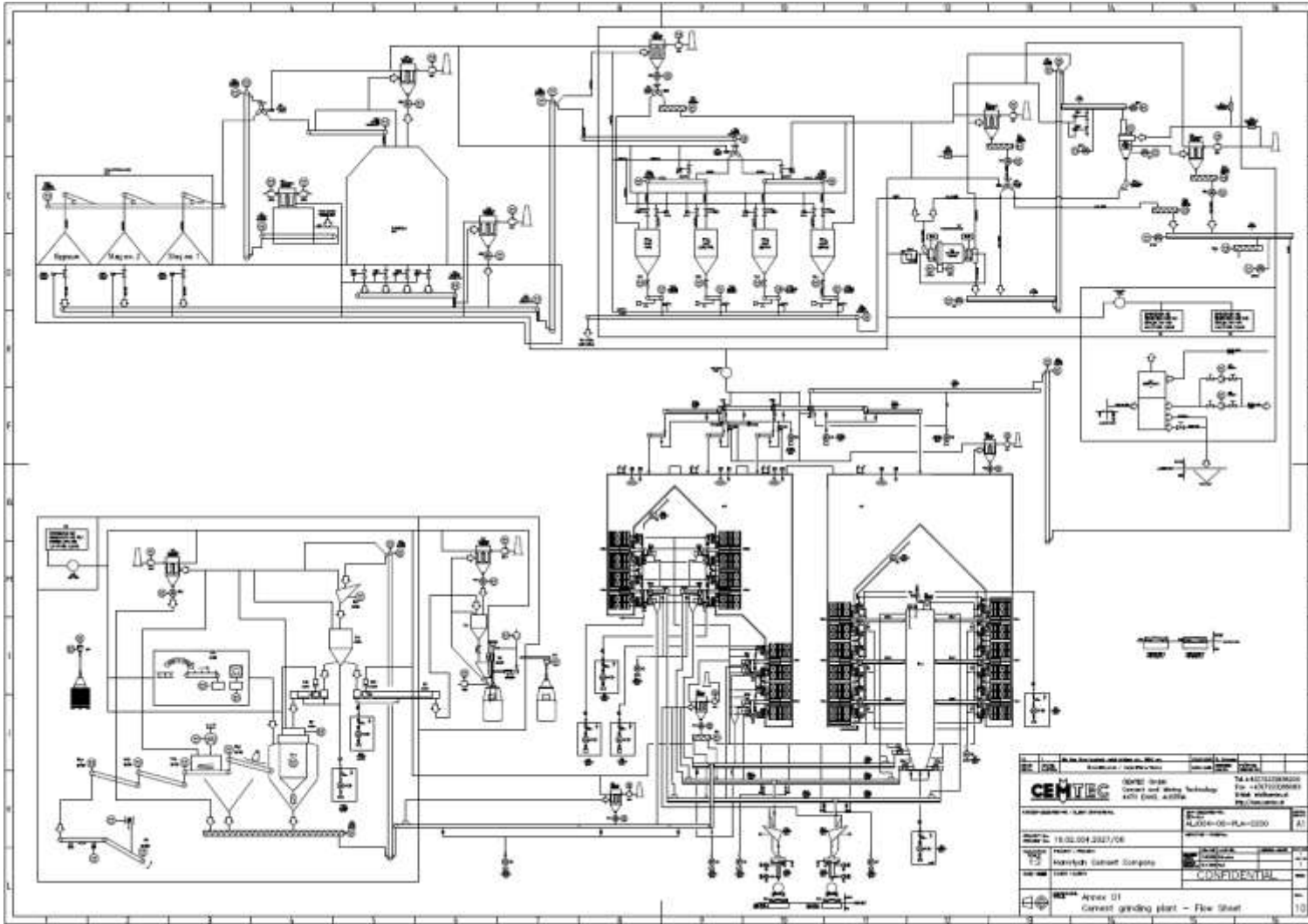
CEMTEC
Cement & Mining Technology

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Basic Project Data HCC:

- **Year of Contract:** 2006
Year of Commissioning: 2008
- **Project Scope:**
Engineering, equipment & steel structure supply, erection and commissioning
- **Equipment Basic Data:**
115 tph of OPC @ 3.300 Blaine
Ball mill $\varnothing 4,6 \times 14,25$ m; 4.700 kW installed
3rd gen separator with 200.000 m³/h,
product separation with EMC bag filter

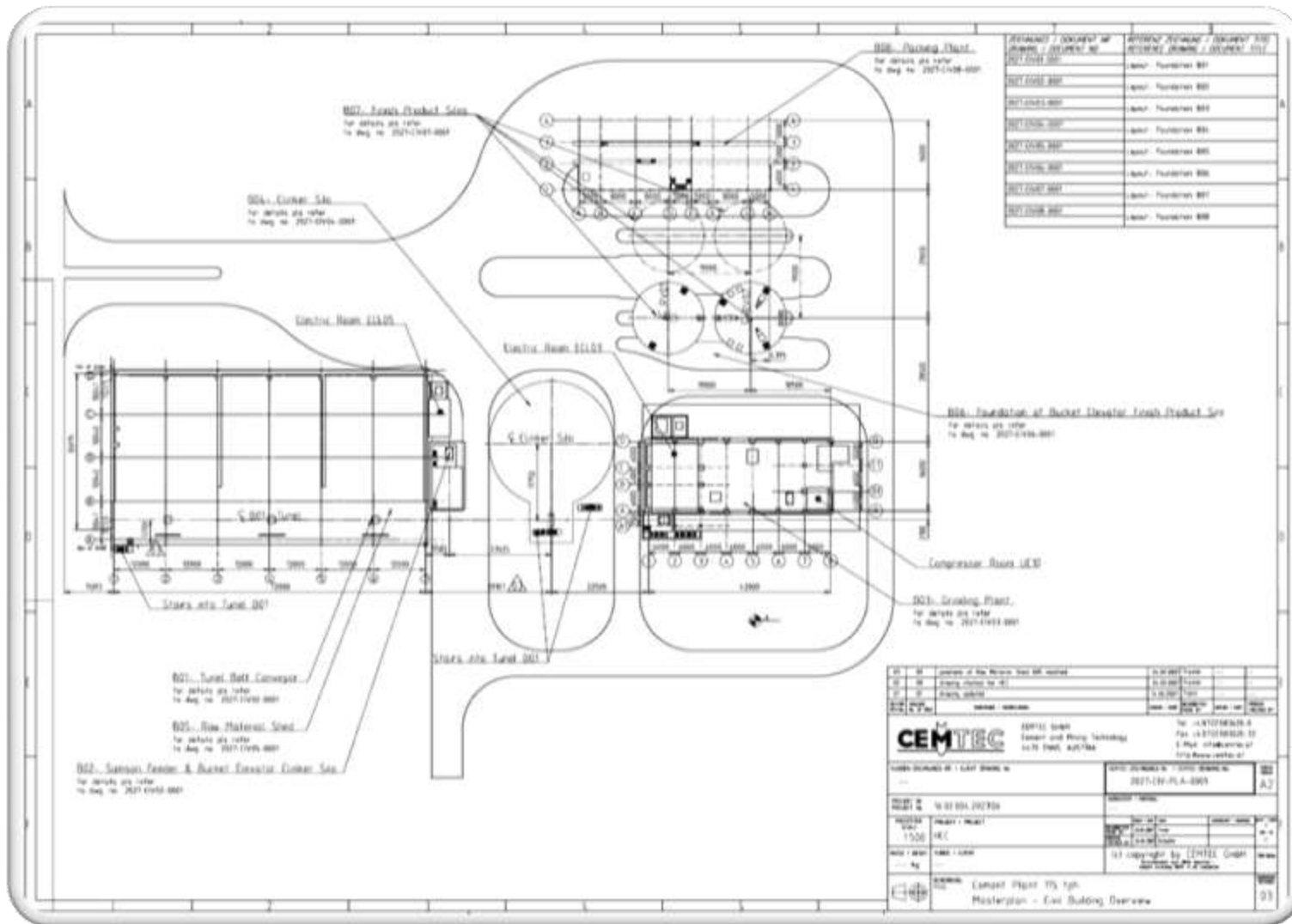




Flow diagram - cement grinding plant – 115 tph



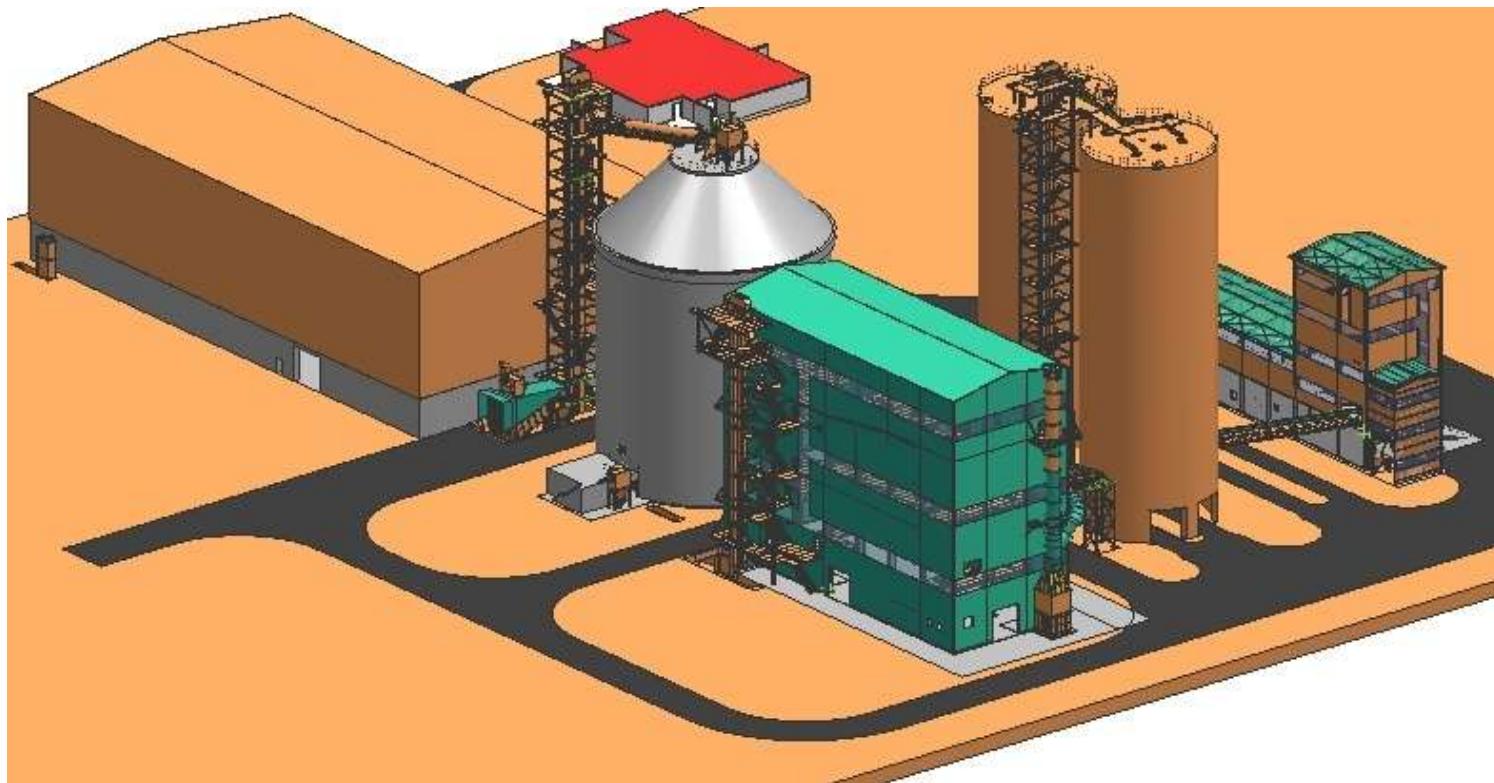
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Layout cement grinding plant – 115 tph



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3D isometric view – 115 tph cement grinding plant





Grinding plant with raw material storage, clinker silo, mill building, cement silos & packing plant



Raw material discharge via SAMSON feeder



Raw material storage, feed via bucket elevator





Raw material storage with „tripper car“



Clinker silo & infeed



Hopper feed



Belt weighers for mill





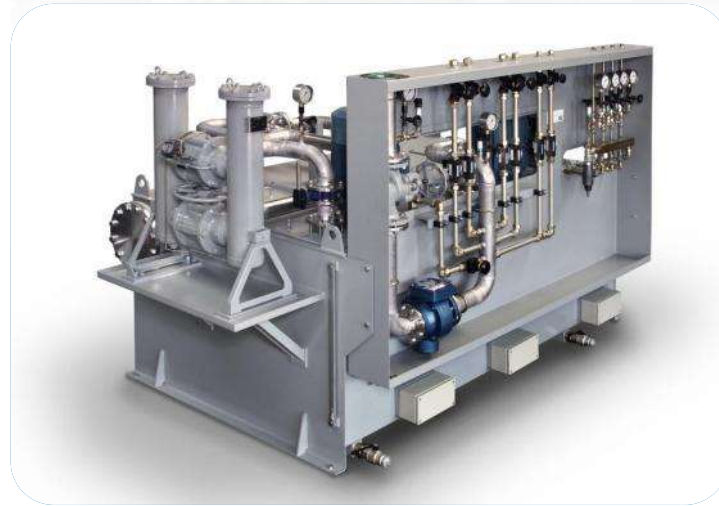
Separator feed



Separator with mill & process filter



Cement mill



Lubrication system for mill





Product transport to cement silos



Loading of cement



Cement silos & packing plant



Loading of cement bags





Transformer boxes for grinding plant



MV cabinets



LV cabinets with frequency converters



„Control room“ with visualisation

