

project name Greenfield Tire Plant – Hefei (China)
owner Continental AG, Hanover (Germany), with Ebert Ingenieure, Munich (Germany)
location Hefei (China)
project duration begin march 2008
end september 2008

The German tire manufacturer Continental AG plans a new tire manufacturing plant in China, embracing production workshops and annex buildings of 100,000 m² (1 Msqf).



process air systems, © Continental AG

responsibilities

project management for utilities and technical services

schematic design, specification writing, and preparation of tender dossier for all pipe works and central plants:

- steam generation, approx. 2 x 10 t/h, plus 1 stand by (2+1 x 22,000 lb/h)
- chilled water generation, approx. 2 x 3.5 MW, plus 1 stand by, (2+1 x 3,300 btu/s) and process cooling water, approx 2 x 5.5 MW, plus 1 stand by (2+1 x 5,200 btu/s)
- potable and fire water supply according to FM Global
 - sanitary and industrial waste water collection
- industrial and sanitary waste water treatment for reuse, submersed membrane biology process
 - compressed air supply
 - vacuum systems
- industrial ventilation and air conditioning



energy + power
water + sanitation
agriculture
industry + production
building services

industry + production

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