

Capacity: 24,000 TPY

Year Built: 1985

Shut Down: 2011

Raw Materials:

Methanol (MeOH)
Carbon monoxide (CO)

Products:

Formic Acid
Methyl Formate

Major Equipment (includes):

- Zr (zirconium) reactors with steam jacket
- Zr (zirconium) towers
- Tanks and vessels
- Heat exchangers
- Pumps
- Zr (zirconium) pipes

20,000 TPY FORMIC ACID (FA) PLANT FOR SALE



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BRIEF PLANT DESCRIPTION

The plant was originally built in 1985 with a single reaction train of 5,400 TPY capacity. The plant increased its capacity to 24,000 TPY by adding the second train in 1993. Over the past years, the plant continuously improved the process. As of 2011, its performance reached unit consumption of 0.035 MT methanol, 9.4 KG catalyst and 485 Nm³ carbon monoxide per metric ton of formic

acid product, and 100% production reliability. Formic acid product is commercial grade of 85%. Higher purity can be produced by the plant. Complete technical documents and operation data of the past 20 years are available. Technical service such as training, installation and commissioning guidance can be provided.

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