

HT-L Gasification Technology from CECO

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Changzheng Engineering Co., Limited(CECO), affiliated to China Aerospace Science and Technology Corporation, is a professional engineering company specialized in clean and high efficient use of coal, with proprietary HT-L Pulverized Coal Pressurized Gasification Technology. HT-L technology has taken up more than 50% market share of dry-feed coal chemical industry in China, and several international projects are now under discussion regarding HT-L technology.

Now CECO has signed over 100 gasifiers, including 1000t/d, 2000t/d and 3000t/d types. Almost all kinds of coal has been used in HT-L gasifiers, including anthracite, bituminous and lignite, with more than 99% of carbon conversion rate. Specially, the longest continuous running time for one gasifier is 407 days, and 675 days lifetime for burner.

CECO is also the China national research center for dry-feed coal gasification technology, and the present key research subjects are petcoke gasification, equipment intellectualization and whole plant auto-control.