



Fabrication - Heat Treatment

In addition to all the usual heat treatment functions, BAE SYSTEMS Submarine's Fabrication Centre is capable of carrying out stress relieving on very large structures. Fabrications of up to 100 tonnes can be treated in a gas-fired furnace.

Facilities	Maximum Capacities
Gas-fired Furnace (high-velocity burners)	12m long x 8m wide x 6.6m high Weight on bogie 100 tonnes (approx) 2-zone temperature control up to 750°C Validated to $\pm 10^\circ\text{C}$
Gas-fired Forced-Circulation Furnace	10.3m long x 2.6m wide x 1.5m high 2 - zone temperature control up to 750°C Validated to $\pm 10^\circ\text{C}$
Refrigerator Cabinet	8.5m x 2.5m x 2.5m Minimum temperature -10°C

