VERTICAL FIRE RESISTANCE TEST FURNACE
Full Scale Vertical Furnace Type 1
Measures 3 meters high x 3 meters wide x 1.3 meters deep, and is used for testing partitions and load bearing walls; fire doors, frames and hardware; fire dampers; and penetration seals.

Full Scale Vertical Furnace Type 2
Measures 3 meters high x 3 meters wide x 0.8 meters deep, and is used for testing partitions and load bearing walls; fire doors, frames and hardware; fire dampers; and penetration seals.

Fired by liquefied petroleum gas or propane, these furnaces are capable of meeting British and American heating curves.

Published British Standards include:
• BS EN 1363-1 General requirements for fire resistance tests
• BS EN 1363-2 Alternative and additional procedures
• BS EN 1364-1 Fire resistance tests - Non-loadbearing walls
• BS EN 1365-1 Fire resistance tests - Loadbearing walls
• BS EN 1366-2 Fire resistance tests - Dampers
• BS EN 1634-1 Fire resistance tests - Fire Doors and Shutters
• BS 476 Part 20 - 22

Published American Standards include:
• ASTM E119 Fire resistance tests
• UL 10B, 10C Fire resistance tests for Fire Doors