

ROOFTOP ELEVATOR ENGINE ROOM AND CONSTRUCTION METHOD THEREOF

ABSTRACT

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Discloses herewith a rooftop elevator engine room and its construction method. The engine room comprises an engine room unit (1) and a cast-in-situ load-bearing structure (2). The engine room unit (1) is formed by a plurality of prefabricated components, each including a wall body and a top plate. A lower portion of the wall
10 body is provided with a later-pouring zone (11), in which the exposed reinforcing bars of the wall body and the load-bearing structure (2) are connected together, and said prefabricated component and the load-bearing structure (2) are connected to each other through pouring concrete in the later-pouring zone (11). The outer surfaces of the wall body and the top plate are each provided with a recess, in which the exposed
15 reinforcing bars of two adjacent prefabricated components are connected, so that said prefabricated components are connected to each other through pouring concrete in the recess.

(Fig. 1)