

ABSTRACT

SECONDARY BEAM JOINING METHOD, SECONDARY BEAM JOINT DETAIL, AND SUPPORT MEMBER

A secondary beam joining method according to a first exemplary embodiment includes: a joining process of arranging a secondary beam, configured by wide flange beam and extending along a horizontal direction, and a structural member in a state in which a gap is formed in the horizontal direction between a lower flange of the secondary beam and the structural member, and joining the secondary beam to the structural member at an upper side of the gap; a fixing process of inserting into the gap a first wedge component including a first inclined face that faces obliquely upward so as to oppose the structural member in the horizontal direction, and fixing the first wedge component to the lower flange; and a press-fitting process of moving a second wedge component toward a lower side while sliding an obliquely downward-facing second inclined face of the second wedge component against the first inclined face, and press-fitting the second wedge component between the structural member and the first wedge component.

FIG. 1