

Abstract:

To revamp a blast furnace (BF) is required about every 15 years, and revamp duration by a conventional method is around 130 days. JFE Steel has developed a new revamping method, so called "Large Block Ring Construction Method." By employing the method, the revamp duration was remarkably reduced to a half of a conventional one. A furnace body (10 000 t) was segmented into blocks of 10 t to 20 t weight during disman-

Table 1

Table 2

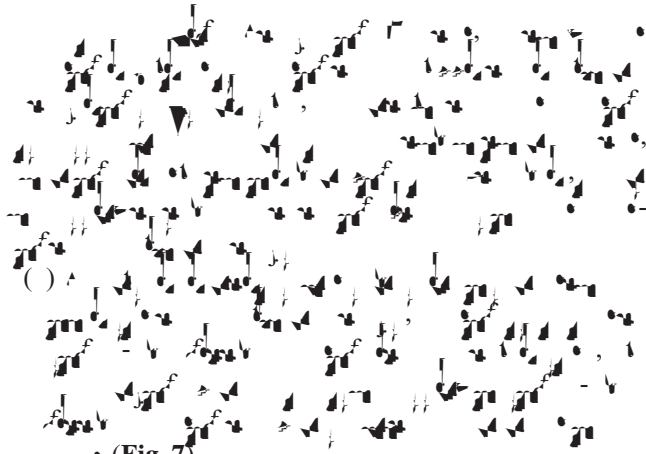
Figure 1



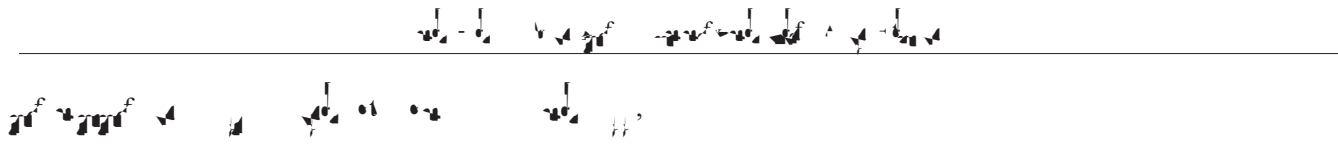


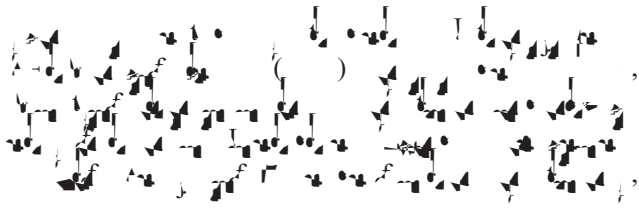
Fig. 6

5.3 Single-Bevel Groove Welding Technique



(Fig. 7)







(Fig. 11)

6. Benefits of Development of Large Block Ring Method

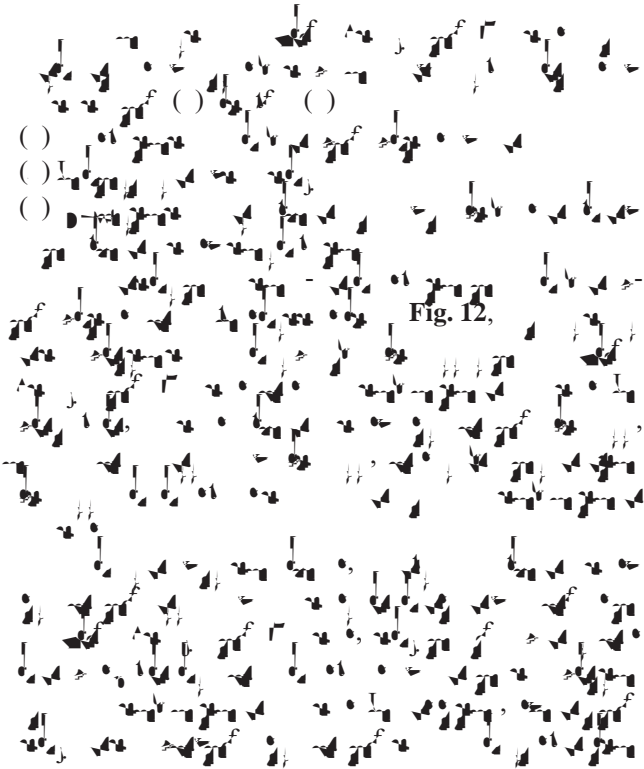
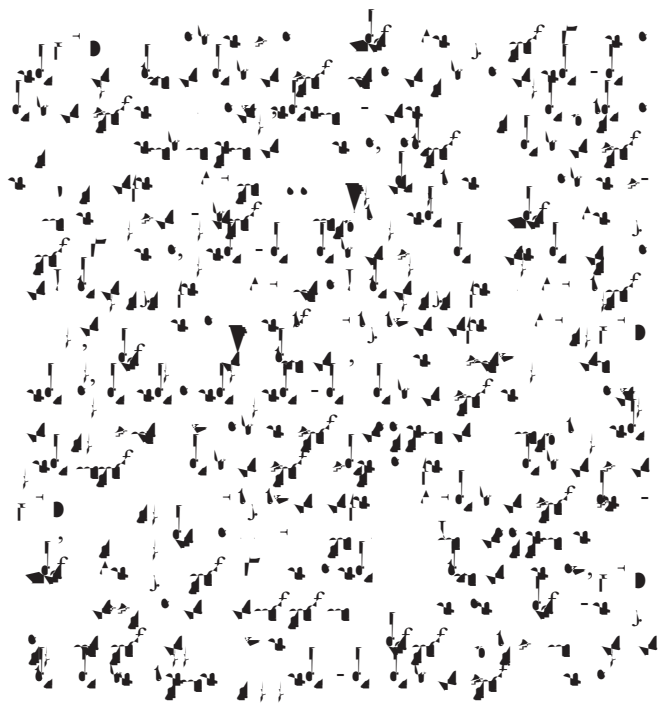


Fig. 12,



7. Conclusion



References