ABSTRACT
WELDED JOINT

A welded joint having good metal-dusting resistance is provided. The welded joint is a welded joint obtained by welding using a welding material having a chemical composition including, in mass%, Cr: 15.0 to 30.0 %; and Ni: 40.0 to 70.0 %, including: a base material having a chemical composition of, in mass%: C: 0.03 to 0.075 %; Si: 0.6 to 2.0 %; Mn: 0.05 to 2.5 %; P: up to 0.04 %; S: up to 0.015 %; Cr: more than 16.0 % and less than 23.0 %; Ni: not less than 20.0 % and less than 30.0 %; Cu: 0.5 to 10.0 %; Mo: less than 1 %; Al: up to 0.15 %; N: 0.005 to 0.20 %; O: up to 0.02 %; Ca: 0 to 0.1 %; REM: 0 to 0.15 %; V: not less than 0 % and less than 0.5 %; and Nb: 0 to 2 %, a balance being Fe and impurities; and a first-layer weld metal having a chemical composition including, in mass%, an Fe content ranging from 10 to 40 %.

Fig. 1