

ABSTRACT

STEEL PLATE AND METHOD OF PRODUCING SAME

5 Excellent CTOD properties for multilayer welding joint is provided
for a steel plate. The steel plate comprises a specific chemical composition
with Ceq of 0.45 % or less where $Ceq (\%) = [C] + [Mn] / 6 + ([Cu] + [Ni]) /$
15 + $([Cr] + [Mo] + [V]) / 5$... (1) and Pcm of 0.22 % or less where $Pcm (\%)$
= $[C] + [Si] / 30 + ([Mn] + [Cu] + [Cr]) / 20 + [Ni] / 60 + [Mo] / 15 + [V] / 10$
10 + $5 [B]$... (2); an average effective grain size of 20 μm or less at a
mid-thickness part of the steel plate; and porosities having an equivalent
circular diameter of 200 μm or more, the number of the porosities per mm^2
being 0.1/ mm^2 or less.