

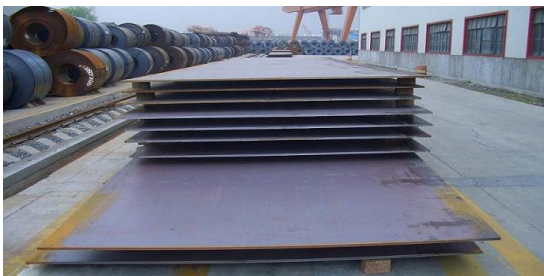
DMR-249A Grade Steel Plates (thickness: 10 – 20 mm) for Naval Applications

i. Description of the technology

Technology has been developed for manufacture of DMR249A grade steel plates, in thickness ranging from 10mm to 20mm, through controlled rolling and normalizing (CR+N) route using continuous cast slabs as feedstock. During the entire course of the development, DMRL worked extensively in close coordination with the manufacturing agencies for establishing/optimizing the process parameters to ensure robust and reliable products, which met the stringent dimensional, physical and metallurgical requirements.

ii. Application areas

DMR249A grade steel plates find use in the construction of warships including aircraft carriers.



DMR249A Plates



The First Indigenous Aircraft Carrier (IAC), INS Vikrant, one of the first major applications