

## GOST 5654-76 SEAMLESS HOT-FINISHED STEEL TUBES FOR SHIPBUILDING

This standard specifies technical requirements to steel tubes used for steamlines in shipbuilding.

Size range.

Tubes shall be of 114 to 426 mm outside diameter; for details of size range and tolerances, see GOST 8732-78 or GOST 9567-75.

Tube material shall steel grades 10 and 20 to GOST 1050-88.

Mechanical properties of the tubes shall conform to GOST 8731-74; other requirements such as hydraulic testing, expansion and flattening tests are also given in GOST 8731-74.

Supplementary requirements.

Tube surface quality shall be determined by the presence of unadmissible defects such as laps, cavities and cracks and permissible ones not affecting the minimum wall thickness specified.

All tubes with wall thickness of 12 mm and over shall undergo macrostructural examination during which no traces of cracks, cavities, slag inclusions, blisters or flakes shall be found. All tubes shall undergo non-destructive examination according.

When requested by the customer, tubes shall have a protective coating.