

## **New Steel Plates for the Oil and Gas Industry**

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The safe supply of energy has become a major concern for the coming decades. An essential contribution is the use of reliable material for pipeline and offshore constructions. The oil and gas industry has been looking for steel materials with superior properties. The paper presents the approach for designing and producing modern types of heavy plate suitable for such challenging purpose. To produce steels with superior and balanced profile of mechanical properties and weldability, the potential of modern equipment in steel shops and plate mills is exploited based on systematic research and design work. Especially the progress in secondary metallurgy and in thermomechanical rolling technology allows offering of new steel types to challenging projects in the oil and gas industry worldwide.

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