



**TITANIUM FOR OFFSHORE  
AND MARINE APPLICATIONS**  
A DESIGNERS AND USERS HANDBOOK



### TITANIUM INFORMATION GROUP

The TITANIUM INFORMATION GROUP (TIG) is an association of suppliers, design engineers and fabricators of titanium, formed with the intention of promoting the wider use of the metal and its alloys.

The aim of the Group is to influence the initial selection of materials so that titanium is given the consideration merited by its unique combination of mechanical properties, outstanding resistance to corrosion and cost effectiveness in a wide range of demanding applications.

Regular publications and literature available from the Group present detailed and up-to-date technical and commercial information to materials engineers, plant and equipment designers and buyers, and provide the answers to everyday questions about cost, availability, fabrication, installation and use of titanium and its alloys.

Members of the Group are available to give presentations about titanium on either a general or specific level to companies or at seminars. A list of member companies of TIG appears on the website. Copies of the CD 'Titanium and Its Alloys' are available for use in educational and training establishments to provide an introduction to the metal, its applications and properties. A list of Data Sheets and other TIG publications may be found on web at [www.titaniuminfogroup.co.uk](http://www.titaniuminfogroup.co.uk).

This handbook was co-authored with the IFE (Institutt for energiteknikk).

IFE is an international research institute for energy and nuclear technology. IFE's mandate is to undertake research and development, on an ideal basis and for the benefit of society, within the Energy and Petroleum sector and to carry out assignments in the field of nuclear technology for the nation. The institute will increasingly concentrate on safety and environmental research within these fields. More information can be found about the institute on [www.ife.no](http://www.ife.no).

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*The Nord Platform. Courtesy Hydro*

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Titanium Information Group  
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- Surface Treatment of Titanium- A Designers & Users Handbook