

Title	FABIG Technical Note 1: Fire Resistant Design of Offshore Topside Structures
Publisher/Author	The Steel Construction Institute
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Scope	<p>Introduction</p> <p>Section 4 of the Interim Guidance Notes for the Design and Protection of Topside Structures against Explosion and Fire (IGN) gave design guidance for fire resistance. This technical note is intended to compliment that section as follows:</p> <ul style="list-style-type: none"> • In a number of subject area. more information is given; • More commentary is included, particularly with regard to the analysis methods; • Worked examples are included. <p>It is intended that this document should not duplicate the IGN, although for clarity it is inevitable that parts will.</p> <p>The scope of this document is only intended to cover the following sections of the IGN:</p> <ul style="list-style-type: none"> • Section 4.4 - Determination of Component Temperatures • Section 4.6 - Response to Fire Effects <p>IGN Section 4.4 provides a number of equations, but comparatively little guidance on how to apply them. Through the worked examples this technical note attempts to illustrate how the equations are used.</p> <p>IGN Section 4.6 gives the main criteria to consider when trying to determine the fire resistance of a structure, but is considered to be over concise. In particular it is short on methodology and inadequately covers the range of techniques that are available.</p>
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