

Crew Member Training Standards For Natural Gas-Fueled Ships



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**While LNG has advantages
over traditional fuels,
it presents some unique challenges:**

- 1. Cryogenic**
- 2. Low ignition point within its narrow flammable range**
- 3. Greenhouse gas**



Crew training is vital

The problem is that there are

No established training standards



Standards are under development

International Maritime Organization (IMO)



International Organization for Standardization (ISO)



United States Coast Guard (USCG)



**Meanwhile,
the maritime industry is moving forward
Relying on
Guidelines,
Expert Recommendations,
and Experience**

