

アンモニア焚き二元燃料エンジンの試験結果

Test result of ammonia dual fuel engine

2026年2月に玉野工場にてLGIA機関商用機の陸上運転を実施し、NK船級によるSoFを取得
 Shop trial of LGIA commercial engine was conducted at Tamano works in February 2026,
 and SoF from ClassNK was obtained.

SoF : Statement of Fact
 (船級規則に基づく陸上試験への立会証明/Certification of attendance at shop trial in accordance with Class rules)

フルスケール試験結果 Full-scale test results

- **パイロット燃料噴射量：他のLGI機関と同等**
 Pilot oil consumption : Similar to other LGI engines
- **NOx：燃料油運転より50%低い**
 NOx emission : 50% less than diesel combustion
- **NH₃：燃料噴射技術により10ppm以下**
 NH₃ slip : Below 10ppm by fuel injection technology
- **N₂O：5ppm以下**
 N₂O emission : Below 5ppm
- **GHG削減率90%以上**
 Greenhouse gas reduction : Over 90%

