THE POWER OF SAFETY
Cat® Hazardous Location Engines
Caterpillar establishes industry leadership by expanding our product line to meet increasing safety requirements in the oil and gas business. Cat® hazardous location engines incorporate technologies that allow them to operate safely in potentially explosive environments, therefore meeting regulation requirements and the needs of our customers. These engines are available in certified configurations, compliant with regulations up to customer hookup points, for simplified certification of oil rigs with minimal time and cost.

Pyroban Group and Caterpillar have united their strengths to provide hazardous location solutions to the oil and gas industry. Pyroban Group is a leading provider of hazardous area safety solutions to the oil and gas, industrial material handling, mining and marine markets. This integration allows Caterpillar Global Petroleum to offer customers an enhanced range of Cat branded, fully integrated power solutions.
CAT HAZARDOUS LOCATION ENGINES
Meet the Following Certifications:

NFPA 70 – NEC Article 500/505 Hazardous (Classified) Locations (USA)
- Intertek ETL Classified
- Class 1 Division 2, Gas Groups ABCD
- Class 1 Zone 2, Gas Group IIC
- Temperature Class T3 with ambient temp: -30°C < Ta < +60°C
- Conforms to ANSI / ISA Std 12.12.01-2007 non-incendive electrical equipment

European ATEX Directive 94/9/EC
- Det Norske Veritas (DNV) type approval
- Equipment Group II, Category 3G (Zone 2) environments
- Gas Group IIA (mechanical system), IIC (electrical system)
- Temperature class is T3 with ambient temp: -30°C < Ta < +50°C (mechanical system)
  -30°C < Ta < +60°C (electrical system)
- Mechanical system conforms to EN 1834-1 flameproof intake system including flame arrestors for aftercooler drain valve and turbo inlet
- Electrical system conforms to EN 60079-0, -11, -14, and -15

CAT HAZARDOUS LOCATION ENGINES
Meet the Following Emissions Regulations:

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<th>IMO Tier II</th>
<th>EPA Marine Tier 2</th>
<th>EU Stage IIIA</th>
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Making Sustainable Progress Possible

Cat hazardous location engines meet or exceed current IMO Tier II and EPA Marine Tier 2 emissions regulations. And wherever business takes your Cat engine, you can count on the global Cat dealer network for local technical expertise and parts availability. There are more than 2,200 dealer outlets available worldwide for your product support needs.

Rely on the exceptional quality, unmatched reliability, and proven durability that 80 years of Caterpillar experience in engine manufacturing bring to each product. We are committed to reducing your owning and operating costs, increasing your uptime, and making your business more successful.

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To learn more about offshore power from Caterpillar Global Petroleum, call your local Cat dealer or visit www.catoilandgas.cat.com.