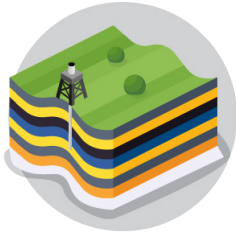


# Ansell

## Upstream Oil and Gas: Unlocking Energy Potential

Upstream activities form the foundation of the oil and gas sector, encompassing tasks from exploration to extraction. As the second largest sector of the energy industry, upstream oil and gas plays a pivotal role in meeting the world's growing energy demand.

### Upstream Activities



#### EXPLORATION

It's all about the wells

- Where to locate
- How deep & far to drill
- How to manage greatest ROI and smallest cost



#### DRILLING

Operations related to searching for, recovering, and producing crude oil and activities



#### UNCONVENTIONAL DRILLING

Includes any method other than traditional or slightly deviated well drilling

- Horizontal drilling
- Subsea drilling
- Fracking

### Common Hazards & Our Solutions



Chemical

AlphaTec®  
58-535B



Impact

RINGERS®  
R169



RINGERS®  
R065



Cut

HyFlex®  
11-755



RINGERS®  
R168



Abrasion

RINGERS®  
R169



RINGERS®  
R665



For more information, please visit [ansell.com](https://www.ansell.com).

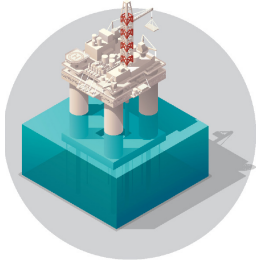
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## Upstream Oil and Gas: Offshore Exploration and Extraction

The process of drilling for oil and gas underseas is very complex compared to drilling on land. Extraction, transportation, and environmental production are comparatively more difficult. Offshore drilling rigs are massive, self-propelled, semi-submersible rigs and drill ships are designed to work in thousands of feet of water – some ultra-deep water wells go beyond 3,048 m/10,000 ft.

### Upstream Activities



#### MAINTENANCE & CONSTRUCTION

Offshore drilling uses a single platform that is either fixed or mobile. A fixed platform is anchored securing into the seabed and can withstand environmental forces. A mobile platform is buoyant and can be moved from place to place without being dismantled.



#### DRILLING & EXTRACTION

Operations related to searching for, receiving, and producing crude oil and activities but requires advanced drilling techniques to enable extraction from deep offshore reservoirs.



#### DECK OPERATIONS

Includes functions such as:

- Crane operations
- Assembling scaffolding
- Loading & unloading retrieved oil

### Common Hazards & Our Solutions

 Chemical

AlphaTec®  
58-735



 Impact

RINGERS®  
R169



RINGERS®  
R080



 Cut

HyFlex®  
11-518



 Thermal

ActivArm®  
43-216



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