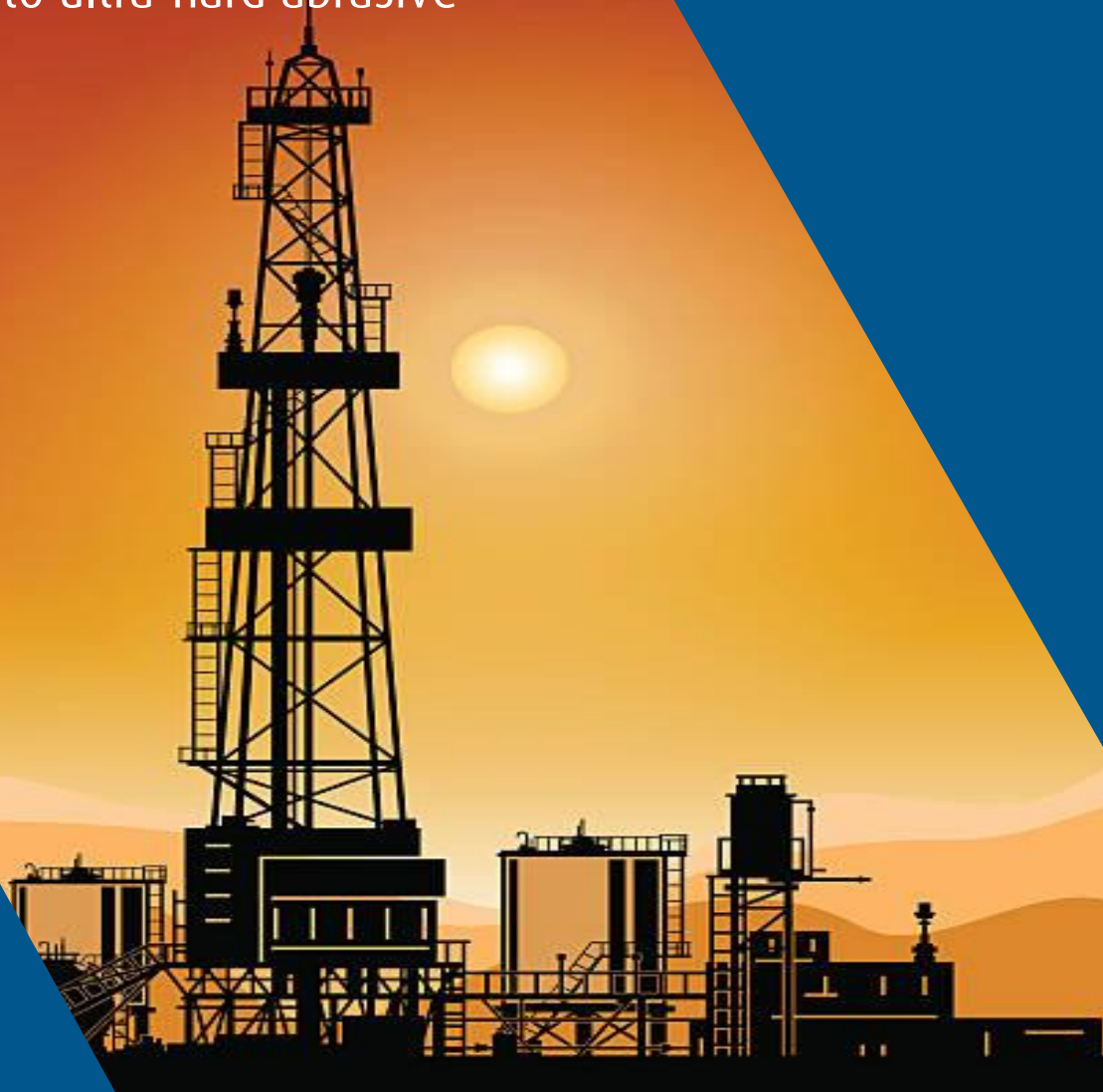


# NESSL

Coring Services

a **nuricon** company

Nuricon Energy leads the coring solutions and provides the full range of coring services, from unconsolidated to ultra-hard abrasive formation.



## Coring

Delivering High-Quality  
Coring Solutions



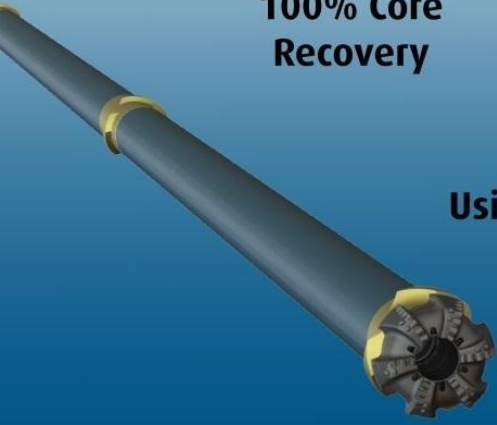
**Saved over  
100 Hours**



**100% Core  
Recovery**



**Zero NPT  
Using Single Bit**



Our coring solutions have been specially designed to enable the retrieval of high-quality cores, increasing efficiency and maintaining recovery. Nuricon Energy's team of experts has extensive experience in providing coring solutions. Combining our more than 30 years of knowledge and experience with advanced technical coring systems, we offer a specialized approach to project planning. Our coring experts work with geologists and drilling engineers to understand the project goal and then create a customized technical plan to best achieve your targets so that cost efficiencies are realized, formation evaluation results are improved, and success is achieved.



# Nuricon Energy offers a wide range of coring solutions to address customers challenges.

## Conventional Coring

Producing a high-quality core sample is key to gaining insight into the formation evaluation, and Nuricon Energy has a coring solution for any drilling environment – including the most challenging applications such as high temperature high pressure (HPHT) and highly abrasive formations. Nuricon Energy's conventional coring systems enable customized solutions that provide high recovery, increased efficiency, and cost savings. Our innovative technology offers optimal stabilization at various intervals, improving downhole coring dynamics and reducing jamming risk.

## Wellsite gamma logging

Nuricon offers state of the Art GammaTrak™ wellsite gamma logging unit that provides evaluation of formation gamma response versus core depth. These units are used to scan the core-filled inner barrels as they are pulled from the BHA (vertical orientation), or after the inner barrels have been laid on the rig floor (horizontal orientation). The resulting gamma versus depth logs can be compared to offset LWD or wireline logs to verify that the target formations were cored. An enhanced version of the service is certified for hazardous locations and communicates in real time with a remote laptop using wireless technology.

## Minimize risk in challenging environments

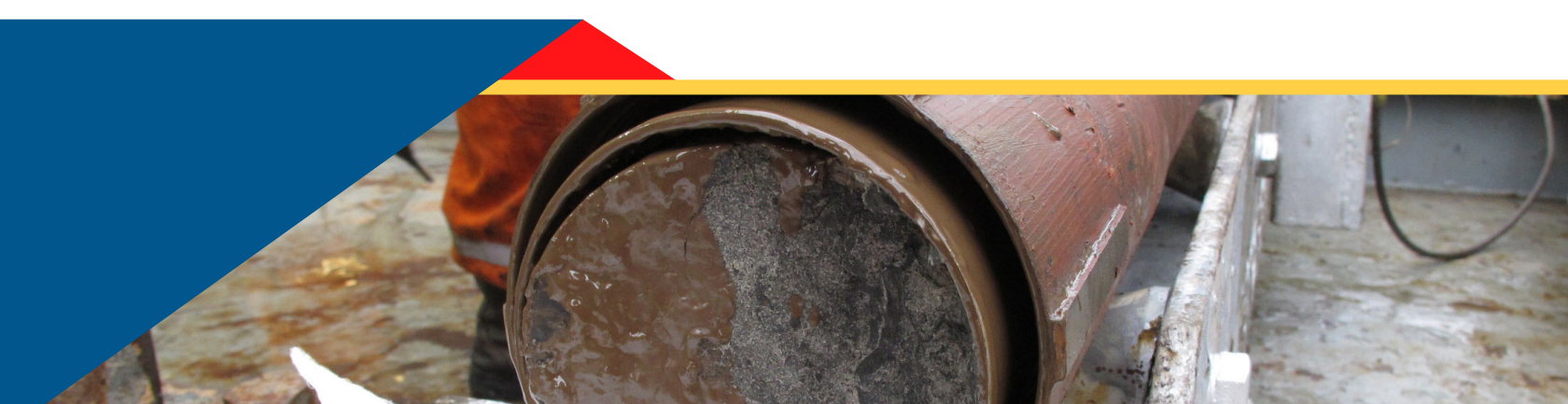
Reduce your risk of jamming while milling with JamBuster™ jam mitigation coring system, which incorporates telescoping inner core barrel sleeves to allow uninterrupted coring even after a jam. And you can reliably retrieve unconsolidated cores with no loss of quality or material. Core jam risk increases when coring in fractured, friable, or interbedded formations. Nuricon Energy combats these costly challenges with its jam mitigation suite of solutions.

## Efficient core bits

Nuricon Energy's core bits, designed with premium PDC cutters, minimize vibration and resist abrasive wear and impact under the most demanding downhole conditions. Bits are engineered to run smoothly, minimizing bottom hole assembly (BHA) vibration while coring. The highly durable polished cutters employ an advanced PDC design with unique edge geometry and a special hydraulic design to improve cutting removal, increase penetration rates, and deliver superior cutting efficiency while resisting impact load and abrasion. These features lead to less filtrate invasion of the core and reduce the damaging effects that can shorten bit life in hard formations.

## Onsite Core Processing

Maximize the value of your coring investment with our core processing services. Data extracted from fresh core is crucial for reservoir evaluation, and our team has the services to help you achieve your goal. Services include core processing, wax preservation, stabilization, freezing, monitored transportation of core, core reconstruction, and onsite data acquisition analysis, including but not limited to plugging, core photography, and mud tracer.



## ADVANCED PDC DESIGN CORE HEAD



HT Series Core Barrels			
Barrel	Hole Diameter	Barrel Diameter	Core Diameter
HT10	6 in. - 7 in. (152.4 mm - 177.8 mm)	4 in. (120.6 mm)	2 <sup>5</sup> / <sub>8</sub> in. (66.67 mm)
HT30	8 in. - 9 <sup>7</sup> / <sub>8</sub> in. (215.9 mm - 250.8 mm)	6 in. (171.4 mm)	4 in. (101.6 mm)
HT60	12 in. - 17 in. (311.2 mm - 438.2 mm)	9 in. (241.3 mm)	5 in. (133.3 mm)

## ACHIEVEMENTS

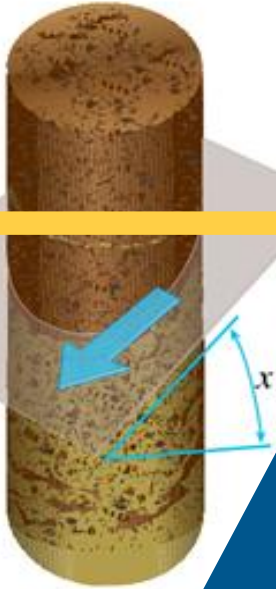
- With an average core recovery of 99%.
- Saved rig time by efficient ROP.
- Conventional core more than 200m.
- Ability to cut core in all sections.
- Ability to cut core in HT/HP wells, long footage, and high angle wells.
- Zero NPT

### Additional Services

Advance lab of core processing & Core Analysis.

## OUR CLIENTS





Nuricon Energy is a world-class niche oilfield services company that has been addressing customer challenges for more than 30 years. We partner with E&P operators and large service companies to provide tools and expertise during drilling, completions, and production operations. Combining our technical experts, proprietary products, and high standard of customer care, we deliver safe, high-quality, and cost-effective solutions.

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**Occupational Health & Safety  
Management System  
Certificate of Approval**

This is to certify that the OHSMS of  
**Nuricon Energy Services Limited (NESL)**

Plot # 39, Street # 1, I- 10/3, Islamabad 44000  
Pakistan

Has been assessed and found to meet the requirements of

**ISO 45001:2018**

This certificate is valid for the following scope of operations

**Third Party Consultancy Services for:  
Providing Mud-Logging and Coring Service in Oil field Services**

Authorised by:

**Stan Wright  
Director**

**Date of Certificate Issue: 08 March 2022**

**Certificate Valid Until: 07 March 2025**

Recertification audit before 08 February 2025 Certified since 08 March 2019.  
This certificate is the property of SN Registrars (Holdings) Limited and remains valid  
subject to satisfactory annual Surveillance audits.

**SN Registrars (Holdings) Limited**

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Web: [www.dascertification.co.uk](http://www.dascertification.co.uk)

Company Number: 07659067

**Certificate Number: DAS 11145426/19/O Rev: 001**





## Environmental Management System

### Certificate of Approval

This is to certify that the EMS of  
**Nuricon Energy Services Limited (NESL)**

Plot # 39, Street # 1, I- 10/3, Islamabad 44000  
Pakistan

Has been assessed and found to meet the requirements of

**ISO 14001:2015**

This certificate is valid for the following scope of operations

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Authorised by:

**Stan Wright**  
Director

**Date of Certificate Issue: 08 March 2022**

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Web: [www.dascertification.co.uk](http://www.dascertification.co.uk)  
Company Number: 07659067

**Certificate Number: DAS 13980141/19/E Rev: 001**





## Quality Management System

### Certificate of Approval

This is to certify that the QMS of  
**Nuricon Energy Services Limited (NESL)**

Plot # 39, Street # 1, I- 10/3, Islamabad 44000  
Pakistan

Has been assessed and found to meet the requirements of

**ISO 9001:2015**

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**Stan Wright**  
Director

**Date of Certificate Issue: 08 March 2022**

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**Certificate Number: DAS 71910135/19/Q Rev: 001**

