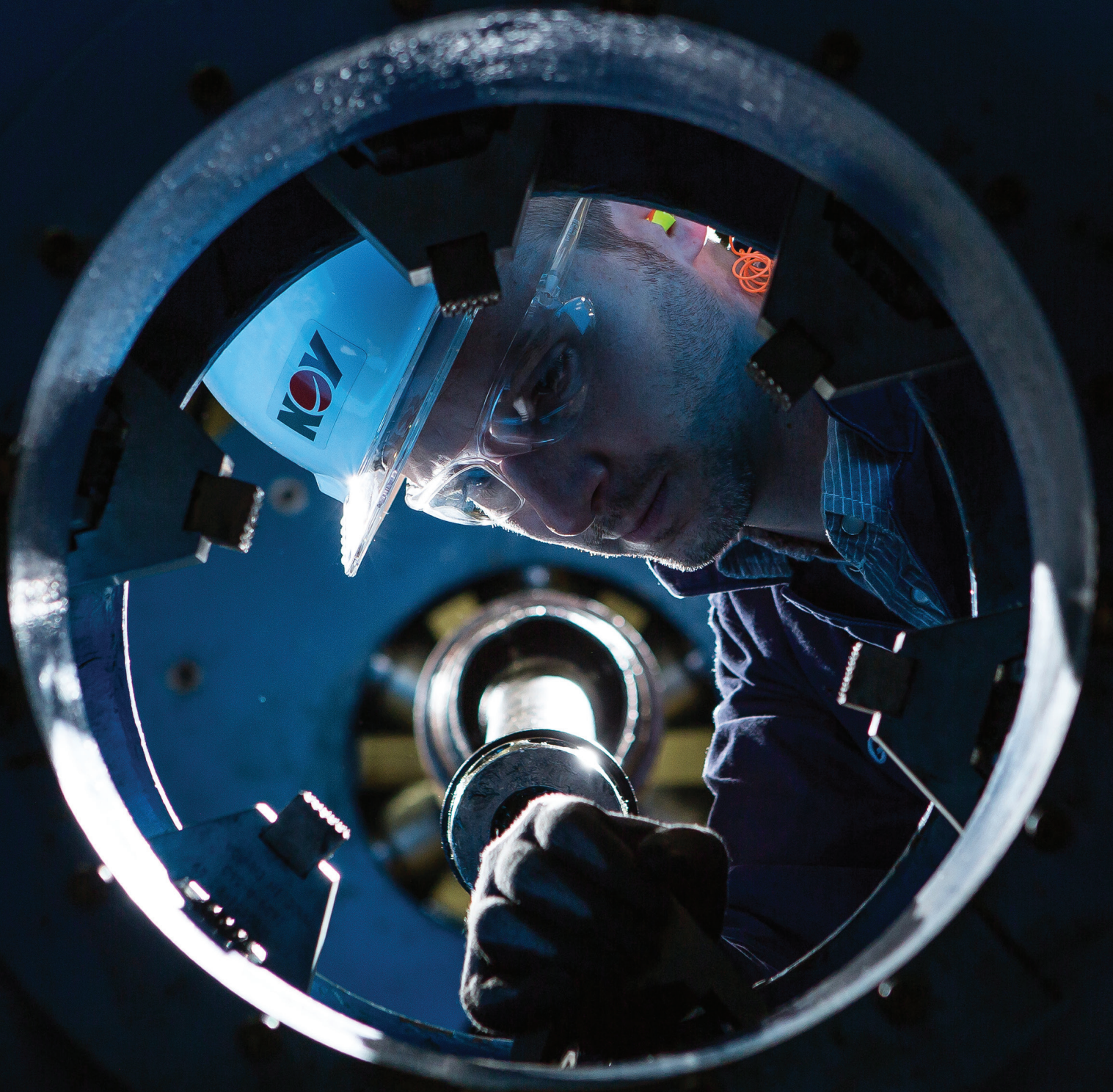


# Global Field Service Group



**Downhole | NOY** Wellbore Technologies

## NOV Downhole Global Field Service Group

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National Oilwell Varco is the world's largest manufacturer of torque equipment used for servicing threaded tubular tool joint connections of downhole tools and equipment. With TorqueMaster units being used worldwide by over 165 companies in more than 70 countries, the Service Equipment group at NOV Downhole is dedicated to helping our customers get the most out of their equipment.

At NOV Downhole, we understand the important role this equipment plays in our customers' business as we are the only supplier that uses it every day in our own service operations. We are your Original Equipment Manufacturer (OEM) service and parts provider and are committed to standing by our products and our customers. Our service and inventory stocking locations are strategically placed around the world, enabling us to provide global support from over 30 specially trained technicians.

The NOV Downhole Global Field Service Group offers installation and commissioning services of new units, calibration, repairs, and preventative maintenance packages of existing units, as well as repair and refurbishment of aging and worn out units. Contact us for more information on how we can help you get the most of your Service Equipment.

## Installation and Commissioning

Our commitment to providing the highest quality product to our customers does not end when it's delivered to your door. We also offer our expertise in the proper installation and commissioning of new or relocated units.

## Calibration Services

Regular calibration is the only way to ensure your connection equipment is consistent in applying the proper torque to your connections. NOV uses calibrated reaction torque meters with NIST traceable standards for connection tool calibrations. These calibration meters and procedures provide NOV the ability to calibrate your connection equipment to a high degree of accuracy. NOV recommends that all connection equipment be calibrated and serviced at least once a year.

## Repairs and Spare Parts

From the simplest to the most challenging repair job, NOV specially trained technicians have the knowledge and experience to provide the highest level of technical support. We offer OEM spare parts required to maintain your machines strict adherence to OEM specifications. Whether you've had your machine for one year or 20, making NOV part of your regular maintenance schedule will ensure the maximum performance of your equipment.

## Preventative Maintenance Programs

NOV can provide preventative maintenance that will allow for the safe and efficient operation of your connection equipment. A regular maintenance schedule is critical for safe operation in preventing equipment failure and for prolonging the life of each unit. We will work with you to create a preventative maintenance program that will minimize unscheduled downtime and maximize your shop production, specially designed to account for your equipment usage and your shop schedule.

## Training

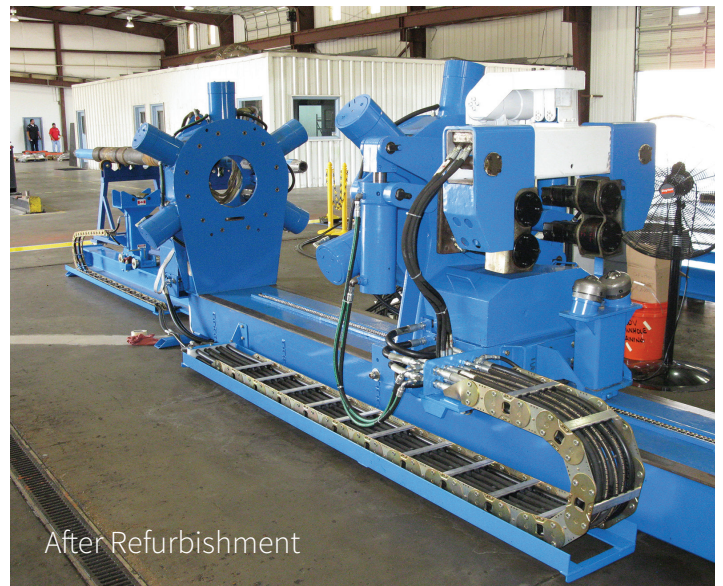
NOV offers training programs developed to ensure safe operation and proper maintenance of the TorqueMaster product series. These training programs are multilevel and are taught by Master Service Technicians on-site at our NOV training facilities. Select courses are also available for onsite instruction at customer locations.

## Refurbishment and Rebuilds

With our ability to refurbish and rebuild worn out and aging units back to original OEM specifications, we can dramatically increase the life of your equipment. All of our major service centers provide refurbishment services, performed by certified NOV technicians, using only NOV original components.



Before Refurbishment



After Refurbishment

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**Corporate Headquarters**

7909 Parkwood Circle Drive  
Houston, Texas 77036, USA  
Phone: 713 375 3700  
Fax: 713 346 7687

For a complete list of NOV Wellbore Technologies locations, visit us online:

[nov.com/locations](http://nov.com/locations)