

# COMPANY PROFILE



**PT. Spektra Megah Semesta**  
Technical Inspection and Testing Services

## TECHNICAL INSPECTION & TESTING SERVICES SINCE 1996



<https://spektramegahsemesta.com/>





## PT. SPEKTRA MEGAH SEMESTA

TECHNICAL INSPECTION & TESTING SERVICES

ABOUT US

Established in 1996,

**PT. SPEKTRA MEGAH SEMESTA** is a

Dedicated to excellence in quality control Inspection services as non-destructive testing (NDT), Wire Rope Test and Load Test, Marine Class Inspection, working at height with IRATA Rope Access certify. Those commitments are the key to us track record of success in the world of international business.



The basic mission is to provide our clients through and highly competent technical services in our primary Inspection technical areas. The company will strive to provide these services in a more accurate, thorough, and comprehensive manner than the competitor.

Services will be provided to our clients at a reasonable and competitive cost. Key to our service and mission is to do a more thorough and comprehensive job than is normally expected in our field of endeavor.

The company is committed to sustainable and controlled growth, especially through customer satisfaction.

It is hoped that partners will make us a partner or part of supporting work and producing work results according to targets

**PT. SPEKTRA MEGAH SEMESTA** which selects team of professionals, chosen for their broad range of complementary experience, knowledge and certify.

Our unique ability to integrate project organization, testing techniques enables us to react rapidly to new developments in the fields of Inspection and Testing, ensuring that our equipment and services incorporate the most advanced technology available.





# PT. SPEKTRA MEGAH SEMESTA

TECHNICAL INSPECTION & TESTING SERVICES

OUR SERVICES

## NDT- NON DESTRUCTIVE TEST

### Ultrasonic Testing (UT)

Portable Ultrasonic Flaw Detectors  
Phased Array Ultrasonic Testing Systems  
Time-of-Flight Diffraction (TOFD) Units  
Automated Ultrasonic Testing (AUT) Systems

### Magnetic Particle Testing (MPT)

Portable Magnetic Particle Inspection Kits  
Magnetic Particle Inspection  
Electromagnetic Yokes  
Magnetic Particle Generators

### Dye Penetrant Testing (DPT)

Portable Penetrant Inspection Kits  
Dye Penetrant Inspection Stations  
Inspection Baths and Spray Units

### Eddy Current Testing (ECT)

Portable Eddy Current Flaw Detectors  
Eddy Current Array Systems  
Eddy Current Testing Probes

### Borescope and Endoscope Units

Flexible Borescopes  
Video Borescopes

### Leak Testing Units

Helium Leak Detectors  
Bubble Leak Testing Kits  
Vacuum Leak Testing Systems

### Visual Testing Units (VT)

Borescopes and Endoscopes  
Remote Visual Inspection (RVI) System  
Portable Inspection Cameras

### Magnetic Flux Leakage (MFL)

MFL Testing Systems for Pipe Inspection  
MFL Inspection Tools



Certificate Approval No. ISO 9001 - 0046790





# PT. SPEKTRA MEGAH SEMESTA

TECHNICAL INSPECTION & TESTING SERVICES

OUR SERVICES

## LIFTING EQUIPMENT INSPECTION

Lifting equipment inspection is crucial in ensuring the safety and reliability of cranes, hoists, lifts, and other lifting devices used in industrial settings. Various types of lifting equipment require specific inspection protocols to adhere to international standards and Local. Here's a list of our lifting equipment inspections services by certification of LEEA, DISNAKER, MIGAS with reference standard ISO, ASME, BS, ANSI

### Crane Inspections

- Tower Cranes
- Mobile Cranes
- Overhead Cranes (Bridge Cranes)
- Jib Cranes

### Hoist Inspections

- Chain Hoists
- Wire Rope Hoists
- Pneumatic Hoists
- Electric Hoists

### Lift Platform Inspections

- Scissor Lifts
- Boom Lifts
- Vertical Mast Lifts

### Forklift Inspections

- Counterbalance Forklifts
- Reach Trucks
- Pallet Jacks

### Lifting Accessories Inspections

- Slings (Chain Slings, Wire Rope Slings, Synthetic Slings)
- Shackles
- Hooks
- Lifting Beams

### Rigging Inspections

- Rigging Hardware (Turnbuckles, Eye Bolts)
- Rigging Systems
- Load Binders

### Wire Rope Test

- EMAG/ Intron Dia. 6 -24 mm
- EMAG/ Intron Dia. 24 – 64 mm





**PT. SPEKTRA MEGAH SEMESTA**  
TECHNICAL INSPECTION & TESTING SERVICES

**OUR SERVICES**

## ROPE ACCESS INDUSTRIAL



PT. Spektra Megah Semesta specialis in providing rope access solutions to the oil and gas (onshore and offshore) and industries construction.

We are members of **IRATA** (Society of Professional Rope Access Technicians) and our multidisciplinary rope access team is certified by the organization and trained in accordance with Safe Practices for Rope Access Work and Certification Requirements for Rope Access Work



Rope access allows for a wide variety of inspection and maintenance services at high elevations and other hard-to-reach areas.

As the name implies, rope access uses ropes and climbing techniques and is commonly used by industrial clients for inspection and maintenance. It is a cost-effective alternative to scaffolding and mechanical platforms.

There are many advantages to industrial rope access including rapid mobilization, minimal set-up time and limited disruption to operation or service.

### Our rope access services include:

- Non-destructive testing
- Erosion/corrosion evaluation
- Visual inspection
- Insulation repair
- Confined space rescue/standby rescue
- Painting



## MARINE SURVEYOR

- **ABS** (American Bureau of Shipping)
- **RINA** (Registro Italiano Navale) for Survey and Inspection
- **BKI** (Biro Klasifikasi Indonesia) Survey and Inspection

## OTHER INSPECTION SERVICES

### INSPECTION

- API 570 Piping Inspections
- API 510 Pressure Vessel Inspections
- API 653 Tank Inspections
- API 4G Derrick Mast Inspections
- API 2C / 2D Crane Inspection Repair Maintenance (IRM)



Certificate Approval No. ISO 9001 - 0044790



## ACCREDITATION & CERTIFICATION







# PT. SPEKTRA MEGAH SEMESTA

## TECHNICAL INSPECTION & TESTING SERVICES

### CERTIFICATE OF REGISTRATION



This is to certify that  
**PT SPEKTRA MEGAH SEMESTA**

Of  
Jl. Taman Cilandak Raya Blok E No.19, Cilandak Barat, Jakarta Selatan 12430 - Indonesia

Operates a Environmental Management System which has been assessed as conforming to:

**ISO 14001:2015**

For the Scope of activities:  
**Inspection & Testing for Non-Destructive Testing Services**

Certificate Number: **EMS/210821**  
Date of Initial Assessment: **28/06/2020**  
Date of Registration: **03/08/2020**  
Date Re-issued: **03/08/2023**  
Date of Expiry: **03/08/2024**

This Certificate remains the property of  
**Peers Quality Assurance Limited**  
Sui 2, Austin Court  
Walsall Road  
Four Oaks  
Sutton Coldfield  
B74 4QV England

Certificate approved by:  
  
**Chris McMillan - Managing Director**  
**Peers Quality Assurance Limited**



KEMENTERIAN ENERGI DAN SUMBER DAYA MINERAL  
DIREKTORAT JENDERAL MINYAK DAN GAS BUMI  
**SURAT KEMAMPUAN USAHA PENUNJANG MIGAS**  
No. 13007/19-07/1869/2020

Memperhatikan surat permohonan PT Spektra Megah Semesta No. L-355-X-2020 tanggal 20 Oktober 2020 dan berdasarkan :

1. Peraturan Menteri Energi dan Sumber Daya Mineral No. 14 Tahun 2018 tentang Kegiatan Usaha Penunjang Minyak dan Gas Bumi,
2. Peraturan Menteri Energi dan Sumber Daya Mineral No. 15 Tahun 2013 tentang Penggunaan Produk Dalam Negeri pada Kegiatan Usaha Hulu Minyak dan Gas Bumi,
3. Hasil evaluasi kemampuan usaha penunjang Migas berdasarkan dokumen meliputi aspek legal (status usaha dan finansial), teknis (kemampuan/kapasitas jasa dan sistem manajemen), pengalaman, jaringan rantai supply dan kualitas jasa.

**DIREKTUR JENDERAL MINYAK DAN GAS BUMI**

Dengan ini memberikan Surat Kemampuan Usaha Penunjang (SKUP) Migas kepada :

Nama Perusahaan : **PT Spektra Megah Semesta**  
Alamat : **Gedung Menara 165 Lantai 12A Unit A, Jalan TB. Simatupang Kav. 1 Kota Jakarta Selatan, DKI Jakarta**  
Penanggung Jawab : **Awang Darmawan**

sebagai perusahaan penunjang migas yang telah mampu memproduksi jasa dalam negeri :

Hasil Produksi : **Jasa Non Konstruksi : Inspeksi Teknis dan Pengujian Teknis, Jasa Pengoperasian dan Pemeliharaan (data resume dan spesifikasi terlampir)**

Rating Perusahaan : **☆☆☆**  
Keberpakaian Dalam Negeri : **Tinggi (800)**

Dengan ketentuan dan catatan sebagai berikut :

1. Perusahaan wajib mematuhi ketentuan peraturan dan perundangan-undangan yang berlaku.
2. Perusahaan wajib meningkatkan kemampuan usaha jasa dengan mengutamakan komponen dalam negeri.
3. Perusahaan wajib menyampaikan laporan setiap 6 (enam) bulan sekali dan/atau apabila ada perubahan data dan informasi dalam SKUP Migas ini kepada Direktorat Pembinaan Program Migas.
4. Direktorat Jenderal Minyak dan Gas Bumi melakukan evaluasi melalui pemertiksaan lapangan secara berkala terhadap perusahaan/perorangan penegang SKUP Migas.
5. Apabila dalam pelaksanaan usaha terbukti perusahaan tidak memiliki kemampuan sebagaimana tercantum dalam SKUP ini maka Direktorat Jenderal Minyak dan Gas Bumi akan memberikan sanksi sampai dengan pencabutan SKUP Migas ini.

Dikeluarkan di Jakarta  
Pada tanggal **07 DESEMBER 2020**  
  
**Direktur Jenderal Minyak dan Gas Bumi**  
**Direktur Pembinaan Program Migas**

Swerlinggih  
NIP. 196605141590032001



## SERTIFIKAT AKREDITASI

Ditetapkan tanggal : 05 Oktober 2020  
Tanggal perubahan : 15 Juli 2022

**LI-167-IDN (Amd)\***

Berlaku hingga : 04 Oktober 2025

Diberikan kepada

**PT Spektra Megah Semesta**

di

**Jl. Raya Jati Padang No. 56, Jakarta Selatan, DKI Jakarta**

yang telah menunjukkan kompetensinya sebagai

**LEMBAGA INSPEKSI**

dengan menerapkan secara konsisten

**SNI ISO/IEC 17020:2012**

**Penilaian kesesuaian – Persyaratan untuk pengoperasian berbagai tipe lembaga inspeksi**

untuk ruang lingkup seperti dalam lampiran

**KOMITE AKREDITASI NASIONAL**



**Drs. KUKUH S. ACHMAD, M.Sc.**

**KETUA**

Sertifikat ini memberikan hak kepada lembaga inspeksi untuk menggunakan tanda akreditasi pada sertifikat/laporan yang diterbitkan, kop surat, iklan, dan tujuan promosi lainnya sesuai ketentuan yang berlaku.  
Sertifikat ini tidak boleh direproduksi sebagian, kecuali secara keseluruhan, tanpa izin tertulis dari Komite Akreditasi Nasional.

\* Amendemen Sertifikat Akreditasi LI-167-IDN (Amd) ini menggantikan Sertifikat Akreditasi LI-167-IDN



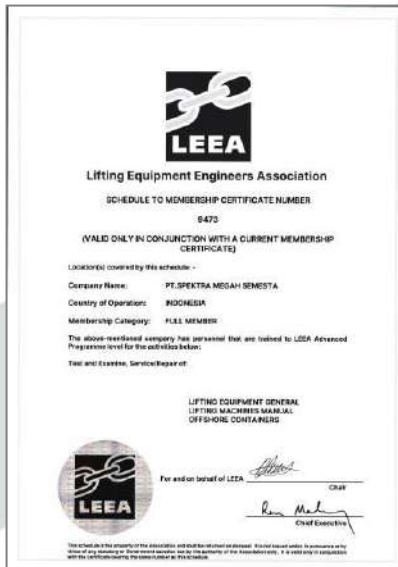
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# PT. SPEKTRA MEGAH SEMESTA

## TECHNICAL INSPECTION & TESTING SERVICES

### CERTIFICATION







**PT. SPEKTRA MEGAH SEMESTA**  
TECHNICAL INSPECTION & TESTING SERVICES

## EXPERIENCE



<https://spektramegahsemesta.com/project.php>



**PERTAMINA**  
HULU ENERGI



**PERTAMINA**  
PHE ONWJ

**ConocoPhillips**



**INDONESIA**  
**POWER**



**ExxonMobil**



**Mobil Cepu Ltd.**  
An ExxonMobil Subsidiary

**PetroChina**

**MEDCOENERGI**

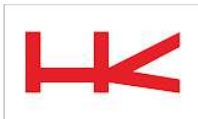


**MMC**

MMC Oil & Gas Engineering Sdn Bhd



**SAIPEM**



**PT. HUTAMA KARYA (Persero)**



**PT FREEPORT**  
**INDONESIA**



**PT GLOBAL**  
**SOLUTION**  
**TECHNOLOGY**  
A S E A N A



**MRA**



**PEARL**  
**OIL & GAS**

**Santos**

**Chevron**



**PT SMELTING**  
Gresik Copper Smelter & Refinery



**aver asia**

Your Best Equipment  
Partner Across Asia



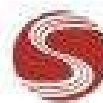
JAPAN DRILLING COMPANY



**PETRONAS**



**PremierOil**



**SUPERKRANE**



## PT. SPEKTRA MEGAH SEMESTA

TECHNICAL INSPECTION & TESTING SERVICES



### CONTACT US

#### HEAD OFFICE

Jl. Raya Jati Padang No 56  
Jati Padang Pasar Minggu  
Jakarta Selatan,  
DKI Jakarta, 12540  
P : +62(21) 27656416 / 7656415 / 7504687  
EMAIL. [marketing@spektra-ms.co.id](mailto:marketing@spektra-ms.co.id)

Jl. Taman Cilandak Raya No. E19  
Cilandak Barat, Jakarta Selatan  
DKI Jakarta 12430  
TLP : +62 21 22763646  
EMAIL. [marketing@spektra-ms.co.id](mailto:marketing@spektra-ms.co.id)

#### BRANCH OFFICE - SURABAYA

Jl. Tenggilis Utara No. 1/37 Surabaya 60299  
PROVINCE JAWA TIMUR - INDONESIA  
TLP. +62(31) 8482303  
FAX. +62(31) 8482304  
EMAIL. [surabayaoffice@spektra-ms.co.id](mailto:surabayaoffice@spektra-ms.co.id)

#### BRANCH OFFICE - BATAM

Kawasan Industrial TUNAS-1 BLOK 6-J Batam Centre.  
Kelurahan Belian, Kecamatan Batam Kota - 29444,  
PROVINCE KEPULAUAN RIAU- INDONESIA  
TLP. +62 (0778) 5508 123  
EMAIL. [sms-batam@spektra-ms.co.id](mailto:sms-batam@spektra-ms.co.id)

<https://spektramegahsemesta.com/>



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