

Your Global Inspection Partner



About EGE KALİTE



EGE KALİTE aims to adopt the quality culture and make it a continuous behavior by providing services in accordance with international quality standards. It offers solutions in accordance with legal regulations with its expert staff by adopting a total quality approach, human and environment-oriented approach.

OUR SERVICES

01

INSPECTION/ EXPEDITING

EGE KALİTE provides audit services in all processes from supplier selection to product delivery.

02

NON DESTRUCTIVE TESTS

EGE KALİTE applies non-destructive testing methods in accordance with the relevant standards

03

COATING INSPECTION

EGE KALİTE provides coating control service with AMPP Level 2 certified expert inspectors.

04

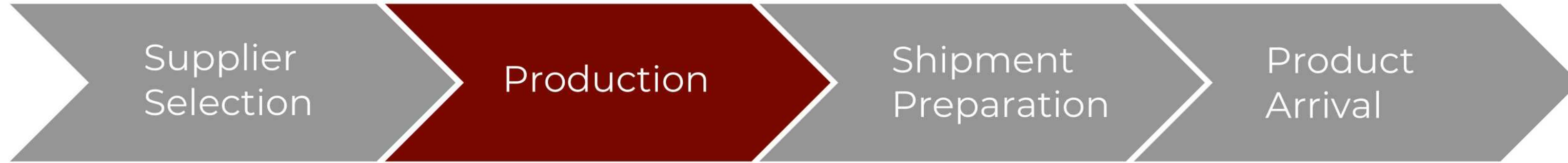
UNDERWATER SURVEY

EGE KALİTE provides comprehensive engineering and inspection services for submerged structures.



- **Quality System Audit (QSA):** Checks a supplier's complete quality management system per ISO 9001.
 - **Social Audit (SA):** Checks if a supplier is treating its employees in an ethical manner.
 - **Environmental Audit (EA):** Checks if a supplier is conforming to required environmental regulations and international
- To help you select a high-quality supplier, we offer three varieties of supplier selection





- **Pre-Production Inspection (PPI):** This inspection is completed once you have selected your supplier and right before mass production begins.
 - **First-Article Inspection (FAI):** This inspection is done at the beginning of production, but before mass production of your product begins.
 - **During Production Inspection (DPI):** This inspection is done during the middle of production.
 - **Defect Inspection (DI):** This inspection service is an optional addition to the DPI. It focuses on sorting out as many products as possible that have defects during production.
 - **Production Monitoring (PM):** This inspection involves monitoring the production stage throughout several phases of the production process.
- To help you ensure that the production of your product is being done in high-quality manner, we offer three varieties of production inspections



→ **Packing Inspection (PI):** This inspection is performed while your product is packed into boxes prior to shipment. It ensures that quality is maintained and no damage is done to your products while they are packed.

→ **Pre-Shipment Inspection (PSI):** This inspection is done right before or after loading, in order to check/ensure the quality of your products right before shipment.

→ **Loading Inspection (LI):** This inspection is done during the loading process, to ensure that your products are loaded into their shipping container properly without being damaged.

→ **Letter of Credit Inspection (LCI):** This inspection is done as an optional addition to the LI. It involves checking for the Letter of Credit documentation required for the trade transaction to take place.

We offer four types of inspections during the shipment preparation phase of purchasing, to help you ensure the quality standards for your products are met before they are shipped



- **Unloading Inspection (UI):** This inspection is done while your products are unloaded from their shipping container.
- **Installation & Assembly Inspection (IAI):** This inspection involves ensuring that the product is properly installed and assembled upon arrival.
- **Open Package Inspection (OPI):** We'll carefully open and inspect the inside of the packaging of each unit to confirm your product matches what you ordered from your supplier.

We offer three inspections that take place during and upon product arrival, to ensure that the integrity of your product quality is maintained upon product arrival





- **Penetrating liquids:** through the capillarity action. This technique allows detecting surface defects on ferrous and non-ferrous materials.
- **Magnetoscopic:** magnetic verifications allow identifying surface and sub-surface defects in metal parts, highlighting magnetic leakage fields that arise around cracks or defects.
- **Ultrasounds:** CND with ultrasounds are based on the propagation of elastic wave beams having a frequency higher than the sound waves perceivable by the human ear. Ultrasound waves sent into the area to be examined are reflected, refracted or deflected according to the laws common to all wave propagation phenomena. Therefore, discontinuities recorded allow identifying defects on the materials examined.
- **X-ray and gamma graph:** X-ray is also one of the most common non-destructive testing methods used in mechanical engineering. The analyses of X-rays can diagnose porosity, poor penetration, cracks, and inclusions..





- Testing of coat thickness, hardness, adhesion, gloss and color
- Testing for conformity, compatibility and performance
- Damage assessment and expertise
- Determination of surface roughness
- Technical specifications
- Holiday test
- General technical assistance
- Periodic quality controls
- Periodic technical inspections
- Technical coating laboratory services



- Underwater investigations and assessments
- Structural and condition inspections
- Turbidity monitoring
- Repair recommendation, design and estimate
- Rapid response for emergencies
- Non-destructive testing and sampling
- Underwater documentation
- Digital underwater video and photography
- As-built field verification
- Propeller survey
- Thickness measurement

MARENService comprehensive engineering and inspection services for submerged structures, including bridges, piers, water tank interiors, water control structures, sub-aqueous pipelines and waterfront structures. We understand that the underwater environment can be particularly harsh on structures, posing unique challenges to inspectors who must evaluate scour, material conditions or construction

Thank You

For Your Attention



Get In Touch



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