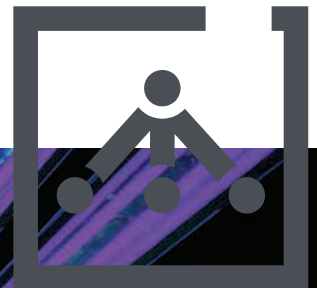


EPI

**TOTAL
PRECISION.
TOTAL
CONTROL.**



W E A R E


E P I



THE REGION'S AVIATION ENGINEERING BACKBONE

At EPI, we are the engineering backbone of the UAE's growing defence and aerospace sector, and a vital supporter of the oil & gas industry. With advanced manufacturing facilities in Abu Dhabi, we are fully equipped with capabilities including manufacturing engineering, machining, surface treatment, coating, repairing, cutting tool and assemblies. Each of our solutions is calibrated to industry-specific standards and designed to meet international quality benchmarks.



A person wearing a white protective suit and a hood is standing on a metal walkway in a factory. They are holding a white object, possibly a part or a tool, and appear to be inspecting or working on a piece of machinery. The machinery is green and consists of a series of frames or supports. The lighting is dramatic, with strong green and blue tones. The background shows a long, narrow aisle with a metal railing on the right side. The overall atmosphere is industrial and precise.

As part of EDGE, we are dedicated to building a precision manufacturing infrastructure in the UAE, and to serving market-leading regional and global clients, including some of the world's foremost aviation and defence OEMs. Today, we are developing valuable strategic partnerships with established players across the globe – building our supply chain, our capabilities and our expertise while developing innovative solutions at the leading-edge of aviation, defence and oil & gas engineering.

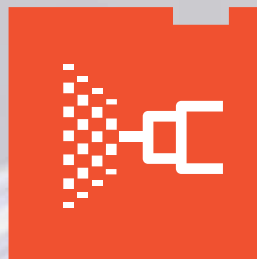
OUR CAPABILITIES



MANUFACTURING
ENGINEERING



MACHINING



PVD COATING



SPECIAL PROCESSES
INCLUDING SUFACE
TREATMENT



REPAIR FOR
OIL & GAS
INDUSTRIES



GRINDING



PH10MQ

EPI IN NUMBERS



180

EMPLOYEES

BUSINESS DISTRIBUTION



85%

AEROSPACE



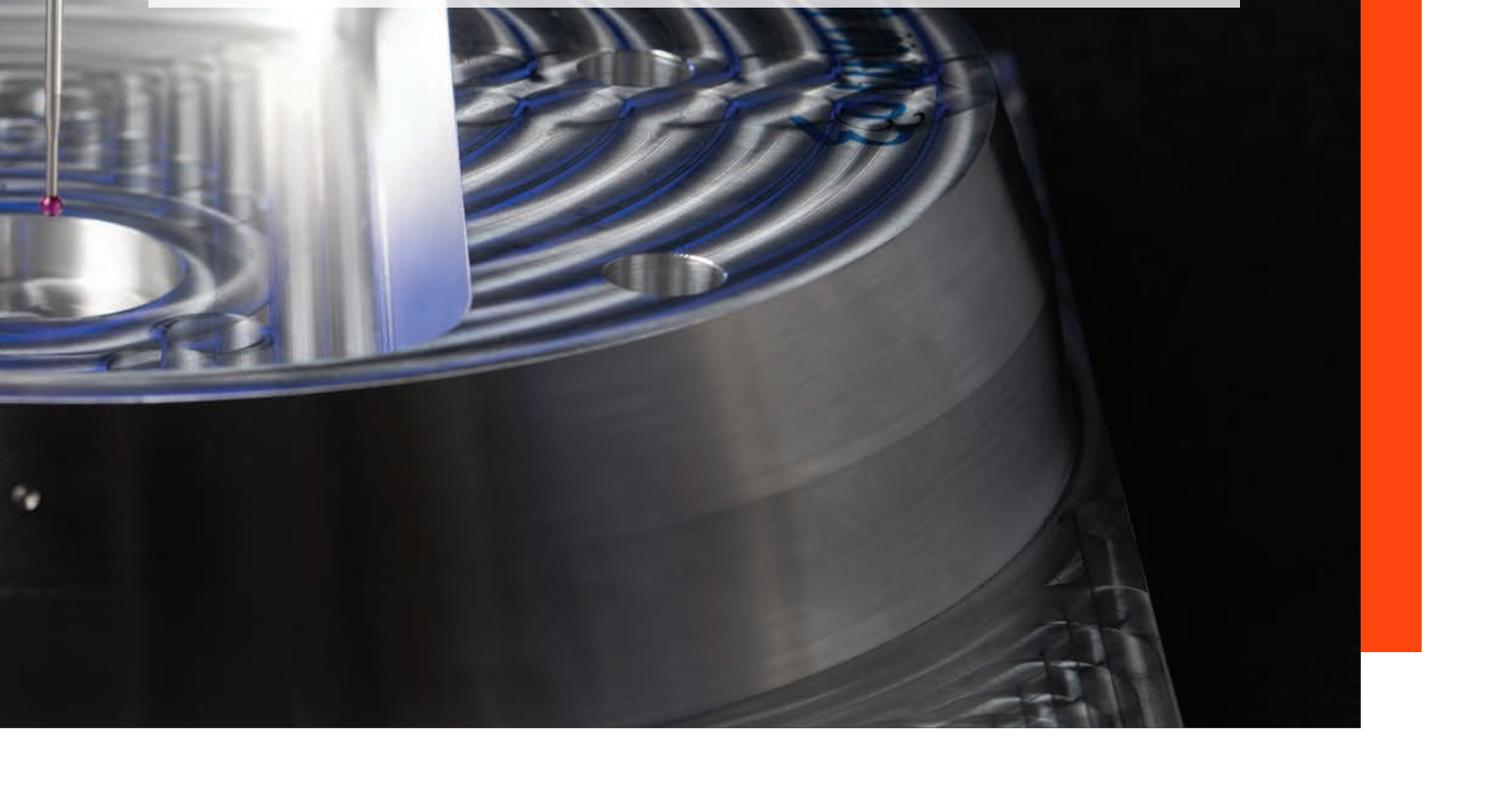
10%

DEFENCE



5%

OIL & GAS





STATEMENT OF PURPOSE

World-class performance in precision machining and surface treatment.



EDGE


ABOUT EDGE

We live in an accelerating world. Characterised by uncharted frontiers, the future is empowered by advanced technology that is galvanising a new breed of players. At the edge of these frontiers exist no limits – where boundless opportunities await.

Transforming how we live, and ensuring a more secure future, is what we do. We are EDGE; and our mission is simple: To bring innovative technologies and services to market with greater speed and efficiency.

We will not only revolutionise the defence industry, but we will change its fundamentals. We are the vanguard of the next-generation, of a reimagined sector. We prioritise technology in a non-binary world and seek universal solutions. We work with everyone: big or small, start-up or established, local or global.

We are EDGE. We enable a secure future.



THE UAE'S ENGINEERING ENABLER —

QUALITY AND PRECISION AT EVERY STEP.

EPI was created to do one thing flawlessly: to machine complex engineered components to the highest possible quality. Since our formation in 2007 with a mission to support small arms production, we have evolved into one of the GCC's premier precision engineering facilities devoted to the Aerospace, Defence and Oil & Gas industries. And by investing in people as well as technology, we provide expertise in every aspect of the production process.





From initial designs to finished components, including Build to Print, we offer a complete array of specialist technical services: engineering, machining, special processes, laboratories and inspection – all in one place.

Today, we go beyond the precise art of machining components by offering design enhancements and modifications; taking our lead from finished drawings or by re-engineering existing components, with quality and precision at every step.


DRAWINGS TO PROTOTYPES. AND PROTOTYPES TO PRODUCTION.

Our Industrial Engineers and machine tools turn ideas into working prototypes, aided by a state-of-the-art measurement lab to guarantee accuracy. Approved prototypes are then made real with cutting-edge machinery: CNC milling, CNC turning, chemical processing, non-destructive testing, shot peening, PVD coating and plastic injection.



HARNESING LEADING - EDGE TECH

As part of EDGE, we are committed to harnessing advanced technologies. From our initial array of four machines, we have grown to offer an integrated suite of over 100 of the latest high technology machine and system tools, including state-of-the-art CNC tech.



In 2011, we became the first company in the Gulf region to achieve EN/AS9100 Revision C certification – the leading Quality Management System for the aerospace industry.

OUR KEY CLIENTS

Working in partnership, round the world and round the clock, we provide state-of-the-art engineering services to some of the global sector leaders in aerospace including Airbus, Boeing, Leonardo, Dassault and Stelia.

W H E R E

S O P H I S T I C A T E D

T E C H N O L O G Y

M E E T S S K I L L E D

H U M A N C A P I T A L



OUR ENGINEERING AND PRODUCTION PROCESSES

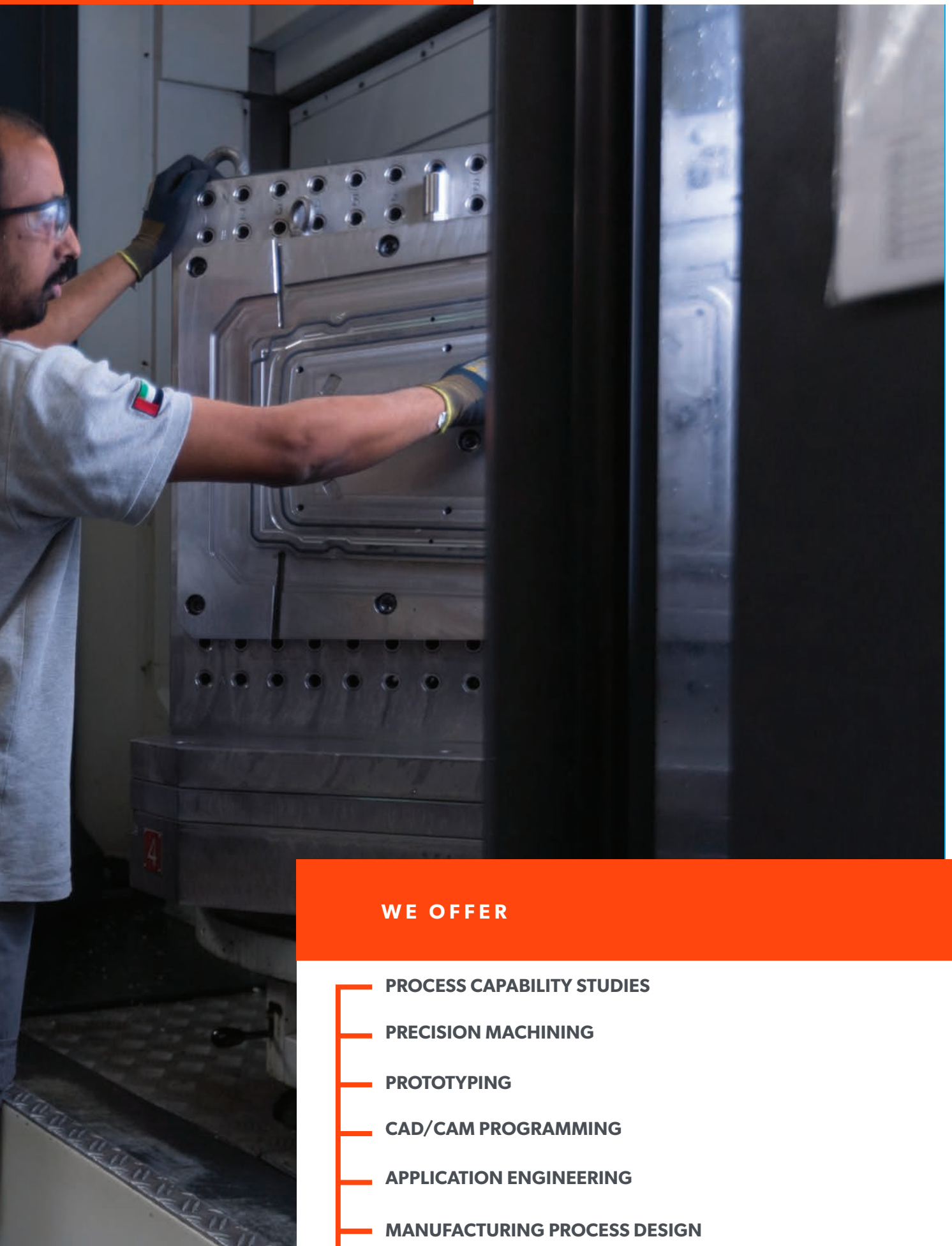






E N G I N E E R I N G

Advising all the way from the early stages of product development and prototyping through to the finished article, our highly skilled team of CAD/CAM designers, programmers, tool makers, application and manufacturing engineers apply next-generation technology to design and deliver 21st century engineering solutions.



WE OFFER

PROCESS CAPABILITY STUDIES

PRECISION MACHINING

PROTOTYPING

CAD/CAM PROGRAMMING

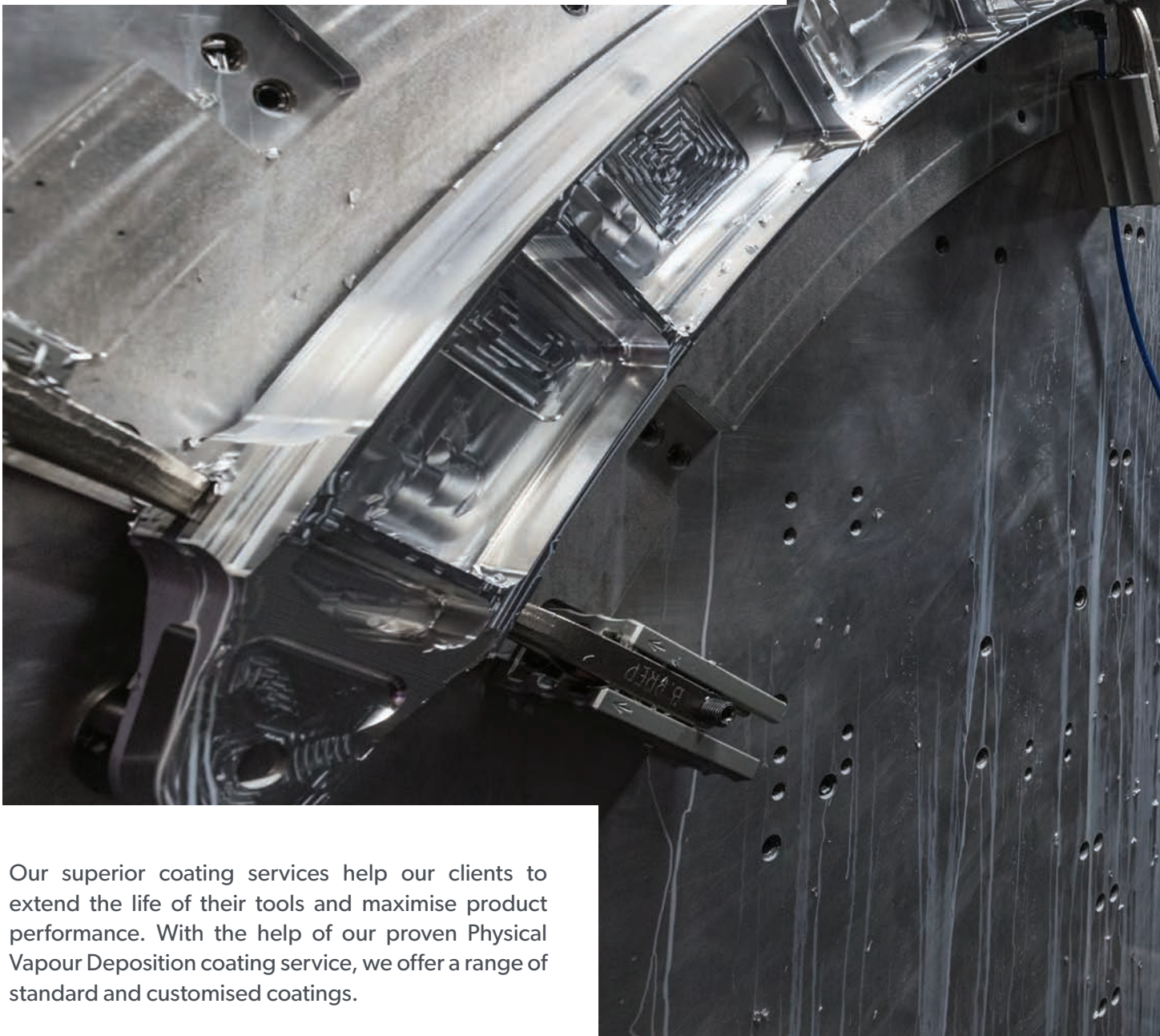
APPLICATION ENGINEERING

MANUFACTURING PROCESS DESIGN

PRODUCTION PROCESS DEVELOPMENT.

CUTTING TOOLS

Our high accuracy cutting tools and re-sharpeners deliver precision and quality. Our cutting tools centre is equipped with advanced technologies to produce tools for all types of operations including milling, drilling and reaming. Our capabilities also include measuring, inspection and other critical functions.



Our superior coating services help our clients to extend the life of their tools and maximise product performance. With the help of our proven Physical Vapour Deposition coating service, we offer a range of standard and customised coatings.

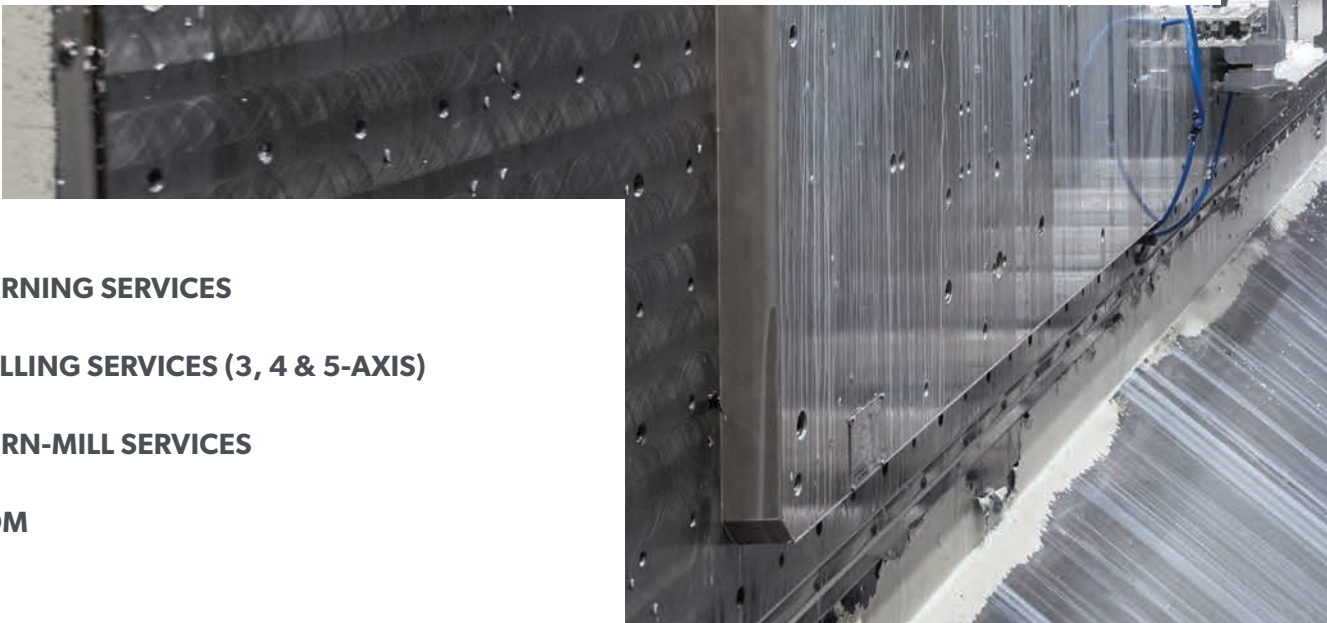


WE OFFER

- CUSTOM-MADE CUTTING TOOLS FOR ALL OPERATIONS
- MANUFACTURING AND RE-SHARPENING OF CARBIDE AND HSS TOOLS
- FIVE-AXIS CUTTER GRINDERS
- SELF MEASUREMENT PROBES AND 3D SIMULATORS
- MEASURING AND INSPECTION.



M A C H I N I N G



- TURNING SERVICES
- MILLING SERVICES (3, 4 & 5-AXIS)
- TURN-MILL SERVICES
- EDM





S U R F A C E T R E A T M E N T

At EPI, our new surface treatment facility has been custom-built to enable a diverse range of special processes and finishes.





WE OFFER

ALUMINIUM AND TITANIUM DEGREASING AND PICKLING

NDT CAPABILITY

ANODISING (TSAA, BSAA, CAA, SAA AND HAA)

ALODINE 1200

BLASTING, PAINT STRIPPING AND SHOT PEENING FOR SURFACE ENHANCEMENT

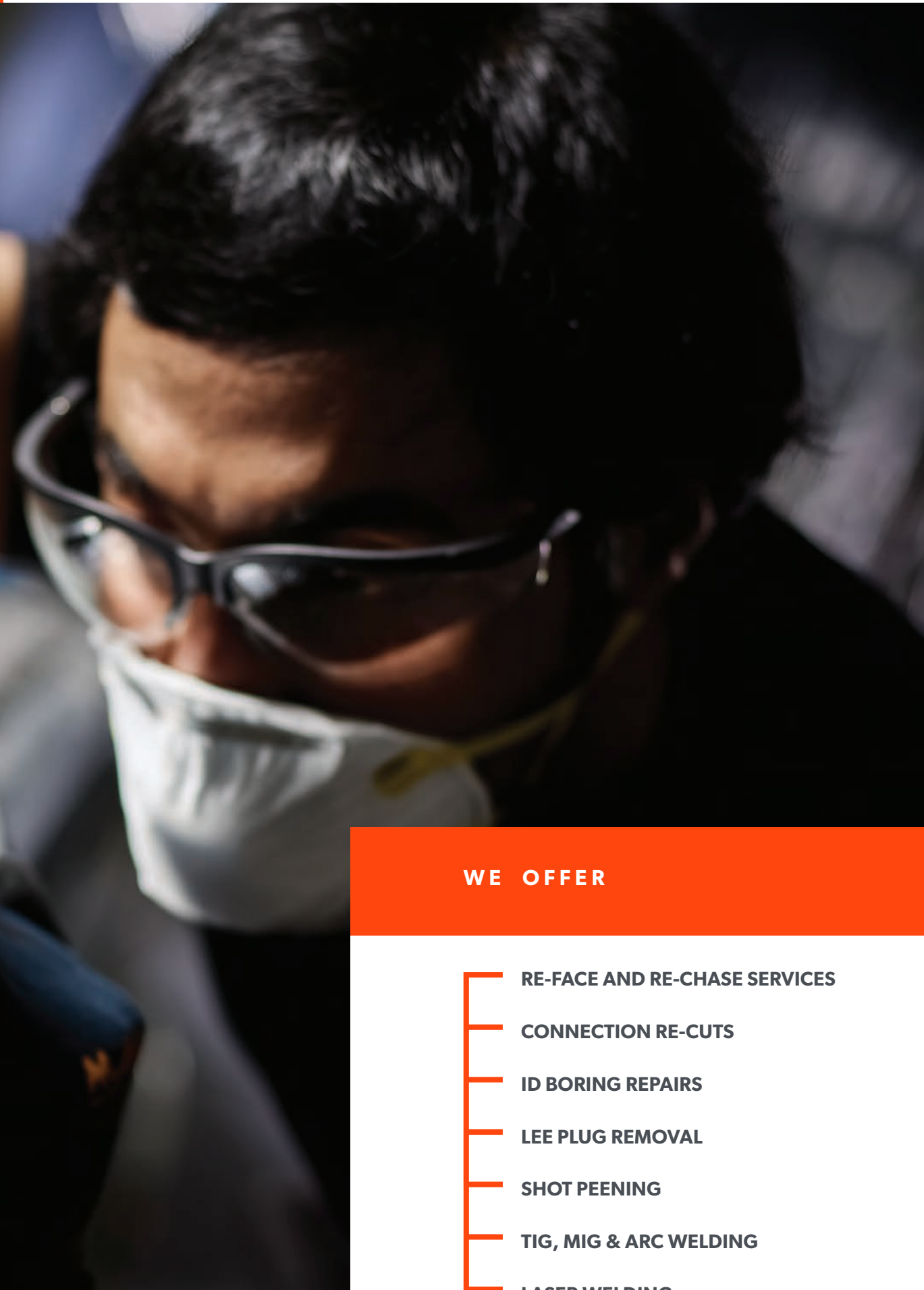
PAINT APPLICATION (WATER AND SOLVENT BASE) AND INK MARKING

**CHEMICAL ANALYSIS (TITRATION, PH, HYDROGEN DETERMINATION),
PROCESS SURVEILLANCE AND PERFORMANCE TESTING (CLIMATE CHAMBER,
SALT SPRAY CHAMBER, PAINT TESTING ADHESION AND ADHESION).**

REPAIR —

EPI is Leading Repairing Activities within the region utilizing a wide range of capabilities to satisfy customer complex requirements.





WE OFFER

- RE-FACE AND RE-CHASE SERVICES**
- CONNECTION RE-CUTS**
- ID BORING REPAIRS**
- LEE PLUG REMOVAL**
- SHOT PEENING**
- TIG, MIG & ARC WELDING**
- LASER WELDING**

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epiuae.ae