



TECHNICAL EQUIPMENT
FOR THE MARINE
AND
OFFSHORE INDUSTRY

www.niotec.gmbh



ABOUT NIOTEC

HAMBURG HQ

NIOTEC is a service partner for technical ship, industrial and offshore equipment and a service partner for alternative solutions in technical project management.

GROWTH

NIOTEC stands for innovation, quality and sustainable growth. Since our founding, we have continuously expanded our market position, acquired new customers, and successfully broadened our product portfolio.

GLOBAL

NIOTEC operates successfully internationally and serves customers in numerous countries worldwide. With strong partners in local locations and a global network, we combine regional proximity with international expertise.

OWN DESIGNS

Aside from technical spares and complete units, NIOTEC also has own products in the portfolio which have been widely used in the industry. Products such as composite pump impellers with a substantial longer life time.





WORKSHOP SERVICES FOR THE MARINE AND OFFSHORE INDUSTRY

Reliable repairs. Extending performance.
Reducing costs.

OUR WORKSHOP SERVICES

For over 2 decades, NIOTEC has specialized in pump repairs and coatings to eliminate replacements and costs. The entire service undergoes a systematic process which includes sandblasting, contour build-up, close pitting, surface smoothing, double coating, new seals, new bearings and a final protective coating.



SANDBLASTING

Thorough cleaning for optimal surface preparation



CONTOUR BUILD UP

Precision build-up for dimensional accuracy



COATING SYSTEM

Double coating for max. durability and protection



FINAL INSPECTION

Quality control and performance testing



VOLUTE CASING



COVER



IMPELLER



SHAFT



CASING / WEAR RING



BEARING SEAT

BEFORE & AFTER

BEFORE



AFTER



CENTRIFUGAL PUMP IMPELLER



EXTENDED LIFETIME

Significantly longer service life



COST SAVING

Reduce replacement cost up to 70%



MINIMAL DOWNTIME

Fast turnaround to keep you running



SUSTAINABLE

Repair instead of replace – better for the environment

THE REPAIR PROCESS



SANDBLASTING

Remove rust, coatings and contaminants



CONTOUR BUILD-UP

Rebuild worn areas to original dimensions



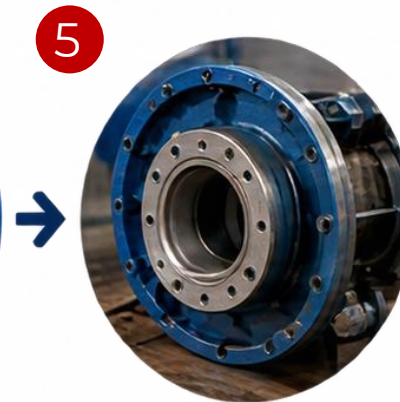
SURFACE SMOOTHING

Precision finish for optimum performance



DOUBLE COATING

High-performance coating for maximum protection



FINAL ASSEMBLY

New seals, bearing and protective coating



QUALITY CONTROL

Testing and inspection before delivery

APPLICATION AREAS

BEFORE



AFTER



CENTRIFUGAL PUMPS

BEFORE



AFTER



VALVES / GATE VALVES

APPLICATION AREAS

BEFORE



AFTER



BOW THRUSTERS

BEFORE



AFTER



INJECTION UNITS

APPLICATION AREAS

BEFORE



AFTER

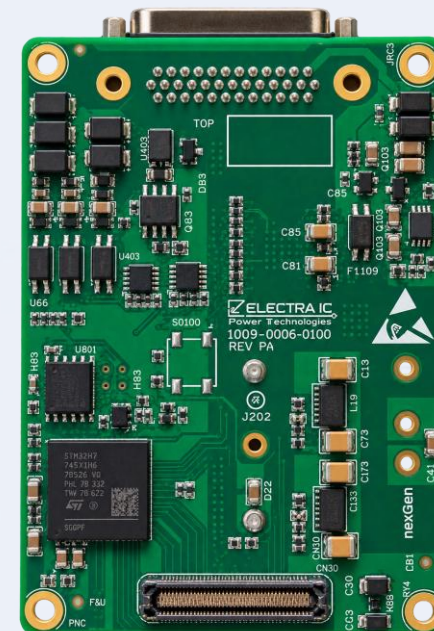


MECHANICAL SEALS

BEFORE



AFTER



ELECTRONIK CARDS

YOUR RELIABLE PARTNER IN MARINE & OFFSHORE



HIGH QUALITY PRODUCTS



EXPERIENCED TEAM



GLOBAL NETWORK



FAST & RELIABLE SERVICE

