Bureau Veritas Services

Move Forward with Confidence

Cranes In-service

BUSINESS CHALLENGE

Chinese Ports have witnessed some of the most outstanding growth in the recent times in maritime trade activities in the world. This has propelled the demand of new Ports and refurbishment of Old Ports. Equipment reliability, productivity and utilisation rates had never been more important and determining factor in the success of a Port.

A second saved in moving the cargo means increase in revenue. Similarly a downtime in the machine would mean huge tangible and intangible losses. As machineries grow older the susceptibility to failure and risk to accidents tend to increase. Since these machineries require high capital investments, replacement may not always be the first option.

BV provides solutions to cater to different stages in the life cycle of the cranes, while in operation at the port.

SOLUTIONS:

Bureau Veritas offers assistance to the facility owners in every aspect of the maintenance

- Preventive Maintenance

Maintenance Monitoring audits
Structural Condition Survey
Evaluation of Mechanism and Electrical Safety
Vibration Studies
Non Destructive Testing
Corrosion Assessment

- For Predictive Maintenance:

Engineering Consultancy and Technical Assistance in Life Assessment and Life extension.
Draw an Inspection program for the remaining useful life of the crane.
Engineering Consultancy on Life Extension.
Consultancy on developing a maintenance program after the extension of the life.

- Periodic Maintenance : Supervision of Repairs

Review of the Repair procedures
Witness the repair and confirm the compliance to the procedure.
Witness Testing.

Client References

- Maintenance monitoring Service: Port of Beirut
- Condition Surveys for On board Offshore Cranes for CNOOC.
- Assistance in Compliance checks for the Port of Beirut cranes in – service.

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WHY CHOOSE BUREAU VERITAS?

Outstanding Achievement

- More than 8 years of experience in port machinery industry in China
- Market leader in this field
- Inspected over 230 QC, 500RTG and RMG, 3 600T Gantry Crane and 5 Shipunloader
- Major Customers：
- Port of Felixstowe, UK (HPH)
- Yan Tian International Cont. Terminal, China (HPH)
- Port of Yangshan, China
- Euromax Port, Netherlands (HPH)
- P&O Ports, India, Pakistan, France and Canada.
- Condition Monitoring on Port of Beirut: 4QC+8RTG
- Life Extension Consultance on IPS-Saudi Arabia Cranes: 6QC+2RMG

BV Advantage

- Global reputation and network
- Unique experience in Port Machinery field
- Experienced and qualified Engineers
- Customer orientation
- Credibility among the manufacturers

Human Resource

- 52 staff working in port machi-nery industry
- Qualification of Our Surveyors:
- 12 Certified Welding Inspectors of American Welding Society
- 2 Level Ⅲ NDT inspectors
- 6 Electrical Engineer
- 10 Structure/ Mechanical Engi-neer
- Familiar with local and interna-tional standard and code
- University Degree Holders.
- One of the biggest company in this field
- In house technical center equipped with the Latest Analy-tical Softwares and qualified Engineers.

CONTACT

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