



**NIGEL NIXON  
PARTNERS Inc.**

Nigel Nixon and Partners is an international firm of Consulting Engineers who work on a wide variety of projects worldwide. We have been established for over forty years, and have built on our reputation as leaders in the field of heavy-duty pavement design, Port Planning and Design, Due Diligence and Economic Analysis. We now undertake a diverse range of projects in all fields of Civil Engineering, Port Planning, Port Development and Due Diligence. Our capabilities are detailed below:

### **Economic Analysis**

- Commercial Due Diligence
- Feasibility Studies
- Investment Appraisal
- Traffic Forecasting
- Market Studies

### **Port Pavement Design & Appraisal**

- Pavement Rehabilitation
- Condition Surveys
- Testing
- Computer Analysis & Evaluation
- Asset management and maintenance
- Expert Witness

### **Port Design and Procurement**

- Construction, Cost Consultancy and Project Management
- Concept Planning
- Detailed Design
- Planning & building consents
- Construction Monitoring

### **Port Optimisation**

- Operations Due Diligence
- Terminal Operating System
- Terminal Planning
- Dynamic Simulation
- Operational Layout
- Equipment and HR analyses (OPEX/CAPEX)
- Business Planning

### **Key Capabilities**

- Pavement Design & Appraisal
- Port Design & Procurement
- Economic Analyses
- Port Operations
- Port Infrastructure
- Port Equipment
- Port Development & Investment

### **Port Development & Investment**

- Financing/Investment
- Concession/Lease agreements
- Finance/Build/Lease
- Equipment and construction procurement
- Site Selection

### **Port Infrastructures**

- Back land design
- Yard utilities design
- Yard buildings design
- Employer's representative
- Project management
- Infrastructure due diligence

### **Port Equipment**

- Equipment planning
- Procurement
- Condition Survey
- Maintenance Survey
- Refurbishment
- Wire Rope Cables
- Structural analysis

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