



MOBILE HARBOUR CRANE SIMULATOR

Operator assessment,
training and development

NAPIER
PORT

Build capability in your crane operations through training with Napier Port - we combine training in our purpose-built, state-of-the-art Gottwald mobile harbour crane simulator with instruction from our qualified and experienced personnel.

Simulation-based training reduces operational costs and eliminates risk to people and assets associated with training in an operational crane.

It also offers the opportunity to improve recruitment results, as well as upskill experienced crane operators to be able to handle extraordinary and often more risky situations they face less frequently in the real world of cargo handling.

Training modules include options for pre-employment assessment during the recruitment process, core training of new drivers, and proficiency development of existing drivers.

Assessment Reports

Following all of our training modules, an individual assessment report is provided for each participant.

These reports provide an assessment of the participants' results, and as our training and assessment processes are standardised, an objective comparison across candidates/trainees is possible. We derive benchmarks from data in our own extensive proprietary database collected over a number of predefined simulator exercises.

MODULE ONE: PRE-EMPLOYMENT ASSESSMENT

The purpose of this module is to assess an individual's potential to operate a Gottwald mobile harbour crane. It is designed to manage risk and maximise the value of employment by providing information to improve your ability to recruit the best people into key roles.

ASSESSMENT PROCESS

Participating candidates receive a structured introduction to the mobile harbour crane using our on-site mobile harbour crane simulator. This involves developing a basic understanding of machine controls and movement of cargo in a simulated port environment.

As vessel windows and exchange times permit, candidates also observe an actual MHC operating on a vessel, both from a safe remote observation position, and from inside the cab.

Once candidates have completed the induction and training, they carry out a series of simulation exercises designed to assess their ability to perform basic operations.

CANDIDATE ASSESSMENT REPORT

An individual assessment report will be provided for each candidate, containing valuable information as to a candidate's "trainability" and likely potential as a mobile harbour crane operator.

SPECIFICS

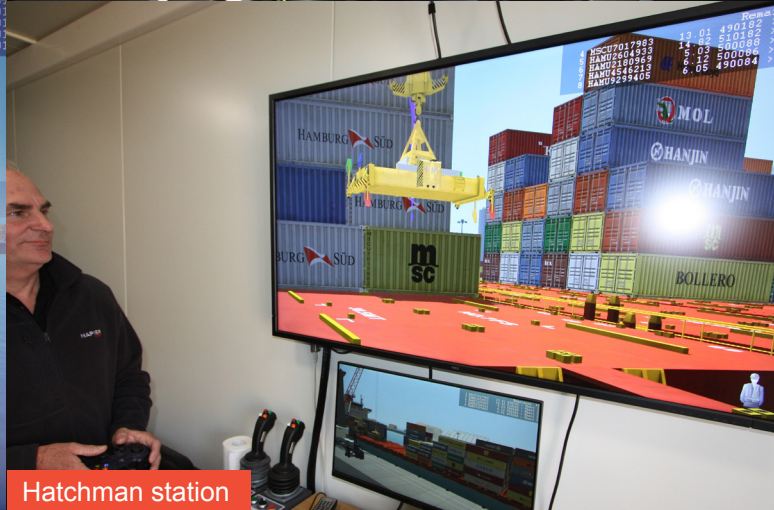
- The duration of this module is one day



Immersive driver view



Third person supervisor view



Hatchman station

MODULE TWO: CORE TRAINING FOR NEW CRANE OPERATORS

This module is targeted at new trainees, providing a structured introduction to the Gottwald mobile harbour crane and development of basic crane operation skills. Training is undertaken in our on-site mobile harbour crane simulator and supervised by our qualified and experienced trainers.

TRAINING AND ASSESSMENT PROCESS

Simulator induction

Trainees complete induction and training in basic crane operation, followed by a series of instructed and self-paced simulation scenarios. Qualified instructors continue to review and coach trainees as they work through realistic vessel exchange scenarios.

Training at own port operation

Once 40 simulator hours have been logged, trainees return to their own port to carry out crane driving tasks under supervision of their own port's experienced personnel.

Simulator follow up

After a month of 'on the job' experience, trainees return to Napier Port. Here they receive further instruction and time in simulator scenarios, focusing on feedback from their time 'on the job', as well as instructor-observed skill gaps.

SPECIFICS

- Total simulator time for this activity is 80 hours
- Package is two 10 day sessions on the simulator
- Maximum two trainees per package

MODULE THREE: PROFICIENCY DEVELOPMENT FOR EXISTING CRANE OPERATORS

Targeted at developing the proficiency of existing Crane Operators, participants run through a series of instructional sessions with our qualified and experienced instructors, as well as 'real life' simulator scenarios.

TRAINING AND ASSESSMENT PROCESS

Upon completion of the prescribed period of induction and training, participants carry out a series of simulation exercises designed to assess their ability to perform specific operations with the MHC - this establishes their baseline performance.

After this a series of instructed and self-paced simulation scenarios are delivered, following which another series of exercises is conducted for assessment and comparison to the baseline results.

Within the constraints of vessel windows and exchange times, candidates will have the opportunity to experience and learn from the Napier Port MHC operation, both from a remote observation position, and from inside the cab an MHC.

SPECIFICS

- Total simulator time for this activity is 40 hours
- Ten working days on the simulator
- Maximum two trainees per package