

KUANTAN PORT FACILITIES

BERTHS

Kuantan Port offers more than 3.4km of berths to accommodate a wide variety of cargo ships. The berths include multi-purpose, liquid chemical, palm oil, and mineral oil berths in addition to biodiesel and container berths. Over the years, the port has expanded to adopt the latest shipping trends and forms of cargo packaging including break bulk, palletisation, unitisation, dry bulk, containerisation and liquid bulk handling. Major liner operators currently serve Kuantan Port. Kuantan Port serves some of the world's major shipping routes including the Pacific Rim, Middle East, Far East, Europe, ASEAN region and the west coast of the United States.

STORAGE

Kuantan Port provides areas for the storage of containers, conventional cargo and cargo with special requirements.

CONTAINER STORAGE

Kuantan Port is equipped with a 9,600-square metre Container Freight Station for the purpose of stuffing and un-stuffing containers. The container yards is also equipped with ground slots for 1,750 TEUs and refer points for refrigerated containers.

CONVENTIONAL STORAGE

The port offers 7 warehouses with a total covered floor area of 32,500 square metres for rental. The total space within its open storage yard is 41,250 square metres.

DANGEROUS GOODS STORAGE

Kuantan Port has yard dedicated specifically to store dangerous goods, which are classified into three categories:

- ❖ Goods that cannot be stored but have to be taken directly out of the port or sent directly to the ships for loading. A temporary storage area is provided
- ❖ Goods that can be stored at the port's dangerous goods cargo yard on a temporary basis
- ❖ Goods that can be stored within the container yard or port premises

TANK FARM

Companies can lease industrial land within Kuantan Port to build and operate their own tank farms. A common user tank farm facility operated by Dovechem Terminals Sdn Bhd offers tanks of various sizes for rent to third parties or users which handle chemicals. The Federal land Development Authority (FELDA) is currently operating a tank farm within Kuantan Port specifically to handle all grades of edible and vegetable oils.

PIPE RACK SYSTEM

Tank farms can be connected to the Gebeng Industrial Estate via a 9km-long, 5 metre wide common pipe rack facility from Kuantan Port. This provides not only a more efficient and convenient way to transfer raw materials and finished products, but a safer alternative to road transportation.

PORT FACILITIES

EQUIPMENT

As part of its on-going efforts to maintain a high level of port efficiency, Kuantan Port offers reliable shore equipment and machinery such as reach stackers, terminal tractors, container trailers, empty container stackers, container cranes and floating equipment to match the facilities of the world’s best ports.

Some of the equipment available includes:

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| Equipment | Container cranes |
| Quantity | 4 units |
| Capacity | 20’, 40’ and 45’ containers |

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| Equipment | Multipurpose cranes |
| Quantity | 3 units |
| Capacity | 30 tonnes (container operation) 40 tonnes (sling operation) 16 tonnes (grab operation) |

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| Equipment | Tug boats |
| Quantity | 2 units of 3,200 BHP each |

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| Equipment | Pilot boats |
| Quantity | 2 units of 1,100 BHP each |

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| Equipment | Mooring boats |
| Quantity | 1 unit of 130 BHP each |

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| Equipment | Rubber-tyre gantry cranes |
| Quantity | 4 units |

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| Equipment | Reach stackers |
| Quantity | 3 units |
| Capacity | 40 tonnes |

Kuantan Port has expanded its facilities and services to accommodate the latest shipping practices including cargo packaging, palletisation, unitisation, dry and liquid bulk handling.

PORT SERVICES

Kuantan Port handles a wide variety of cargo, such as:

LIQUID BULK

Specialised liquid chemical berths and tank farm facilities that are connected to a common 9-km pipe rack offer sufficient storage and transport while meeting International safety standards.

BREAK BULK

Break bulk such as steel pipes, heavy cargo, round logs, sawn timber and plywood are handled at the port's 725 metre multi-purpose berths. Well-trained stevedores are always on hand to handle break bulk cargo.

DRY BULK

The port's multi-purpose berths are also equipped to handle dry bulk cargo such as maize, fertiliser, palm kernel expeller, mineral ores and others. The berths have draughts measuring 11.2 metres, and are capable of accommodating vessels with up to 45,000 displacement tonnes, and 3 units of multipurpose cranes with capacities of up to 40 tonnes to handle gearless ships.

CONTAINERS

A 600-metre dedicated container berth equipped with container cranes are available to cater to the increasing container throughput at the port. At present, there are 7 regular container shipping services linking Kuantan Port to the Far East, Indian Continent, Middle East, Europe and the west coast of U.S.A.

The Container Freight Station at Kuantan Port comprises a 9,600sq metre of covered space for the stuffing and un-stuffing of containers, while the port's container yard has 1,750 TEUs of ground slots to accommodate all types of International Standard Organisation (ISO) containers.

MARINE

Piloting in and out of the harbour is compulsory under Kuantan Port's operating regulations. The Marine Services Department operates 24 hours a day, 365 days a year to handle the continuous movement of vessels within the port's water limits. To provide faster vessel turnaround time in addition to safe and efficient movement, the port has a team of highly-trained and experienced pilots who are supported by reliable tugs, and mooring boats.

PORT-RELATED LOGISTICS SERVICES

In line with its status as an international port, Kuantan Port offers a complete range of value-added port-related logistics services such as container maintenance and repair works; container depot and reefer facilities; mobile crane and forklift rentals services; and nitrogen for purging/pigging.

SECURITY

Kuantan Port's Security Department was established under the Port Authority Act 1963. It is manned entirely by port personnel having auxiliary police powers to ensure law enforcement within the port's premises. The department's responsibilities include securing port premises, security of cargo, enforcing the ISPS Code requirements and monitoring vessels. The department's ancillary services include patrolling of the port's premises, manning of entry and exit gates, crime prevention, cooperating with the police and marine departments, traffic and crowd control, port pass processing, and security vetting.

FIRE AND SAFETY

Kuantan Port's and Safety Department was established under the Kuantan Port Authority Act 1980. Aimed at providing a safe working environment for its staff and clients, the department is manned by highly-trained fire and safety officers who ensure that the port is accident-free. The department's activities include patrolling the port premises for safety inspections, supervising dangerous cargo movement and storage, tackling oil spills and providing ambulance services.