



Beach Energy - SPECIFICATION FOR PACKING, MARKING, LABELLING

Introduction:

This specification (the "Specification") details the minimum requirements for the preservation, packing, marking and documentation of materials and heavy equipment (the "materials") purchased on behalf of Beach Energy and to be transported to Beach Energy's ("Beach") third party logistics/transport company from the supplier ("Supplier") are designed to protect such materials against the hazards associated with the handling, transportation and climate conditions encountered whilst the materials are being handled, in transit or in storage.

All preservation and packaging materials together with package markings and documentation will be subject to inspection by Beach Energy and any charges incurred by Beach Energy due to the failure of the Supplier to comply with this Specification will be to the account of the Supplier.

The standards Beach Energy adhere to are:

- AS2400 Packaging
- AS2852 Packaging – Pictorial marking for the handling of packages
- AS3711 Freight containers
- AS4068 Flat pallets for materials handling

Due to the rough terrain transport climate Beach Energy ("Beach") works in, it is paramount the packing, marking & labelling are strictly adhered to, in accordance with this specification and each Purchase Order provided by Beach Energy.

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1. CORROSION PROTECTION

The Supplier will ensure the materials are suitably protected and packaged to prevent corrosion during handling, transport and storage. Materials subject to corrosion will be protected against the possibility of coming in contact with corrosive or harmful substances, through the most appropriate means.



2. DOCUMENTATION AND PACKING LISTS

The Supplier will ensure all relevant documents, special handling requirements, hazardous cargo sheets, Safety Data Sheets ("SDS") and packing lists are completed and despatched with the consigned materials. All relevant documentation stated on the Purchase Order should also be sent electronically to the "ordered for" employee. You will find this information on the Beach Energy Purchase Order. Please do not to send "Tax Invoices" with the materials. All Tax invoices should be sent directly to Beach Energy at Accounts@beachenergy.com.au

A Beach Energy label will be supplied in word format with the Beach Energy Purchase Order and Beach Energy standard Terms & Conditions. It is the supplier's responsibility to ensure the label is secured on the crate, box, pipe, or any other packaging formats free of weather intrusion and ripping. It is also the supplier's responsibility to mark the package dimensions and gross weights on the label. For the label picture please refer to page (4)

2. DOCUMENTATION AND PACKING LISTS (Label picture)

DELIVERY LABEL

PO NUMBER: PO00

Project Description
Job Title

SUPPLIER:
CONTACT:

BEACH AFE:

DELIVER TO:

COMPANY NAME: TOLL ENERGY
ADDRESS: 176-200 EASTERN PARADE
GILLMAN SA 5013
CONTACT NAME: MARTIN BOX - WAREHOUSE CO-ORDINATOR
CONTACT PHONE NO: (08) 7425 1106
CONTACT EMAIL: martin.box@tollgroup.com

TOLL DELIVER TO:

COMPANY NAME: BEACH ENERGY
ADDRESS: CALLAWONGA CAMP
VIA MOOMBA
CONTACT NAME: FIELD LOGISTICS
CONTACT PHONE NO: 08 8433 2315
CONTACT EMAIL: field.logistics@beachenergy.com.au

DELIVERY DOCKET NO:				
NUMBER OF PACKAGES: _____ OF _____				
DIMENSIONS				
LENGTH CM	WIDTH CM	HEIGHT CM	NET WEIGHT	GROSS WEIGHT

MSDS supplied with Materials

3. **PACKAGING MATERIALS**

All packaging materials and procedures being utilised or to be utilised by the Supplier will be subject to inspection at any time by Beach Energy. Suppliers must take note of Beach Energy`s special packaging requirements due to the nature of our business.

Where possible all materials should be packaged together per Purchase Order. Packaging and protective materials must be new, maintain its integrity and perform its intended function whilst being transported, handled and stored.

Packaged materials showing any damage, defect or shortage resulting from improper packaging or having concealed damage or being short at the time of unpacking will be subject to rejection and be replaced at the Supplier`s cost including transportation of the materials. All packaging materials and equipment will be supplied free of weeds and vermin.

The use of polystyrene, foam, carpet, straw, tyres or hay will not be accepted as packing material. Unless specified under special circumstances from Beach Energy for example; precast concrete.



4. WEATHER PROOFING

All materials except reinforcing steel and painted structural steel shall be either weatherproof or packed in a suitable packaging being weather proof lined.

Waterproof case liners in bag form or shrink wrap shall be used within packaging only if the materials are not susceptible to damage from moisture.



Equipment such as electrical panels, switch boards, motor control centres, office machines and instrumentation etc. shall be packed in interior moisture - vapour proof barrier with a suitable desiccant to absorb moisture within the package. The application of desiccants in this type of packaging shall be in accordance with AS 2400 Part 18.



For materials that have been weather proof protected, Beach Energy requires the suppliers to put one set of documentation secured on the inside and one set of documentation secured on the outside. This ensures we can check the contents of the package without taking the layer of weather proof packaging material off. This also ensures we have one set on the inside just in case the outer documentation gets lost in transit.

5. SPECIAL CARE

Special care must be taken by all parties. The Supplier must provide instructions and support to the transport company of the correct way to lift and transport special materials when required.

Rotating equipment will be packaged to prevent rotation or movement during transport. Instructions on removal of any such packaging must be provided by the supplier.

6. PALLETS

AS4068 - Flat pallets for materials handling.

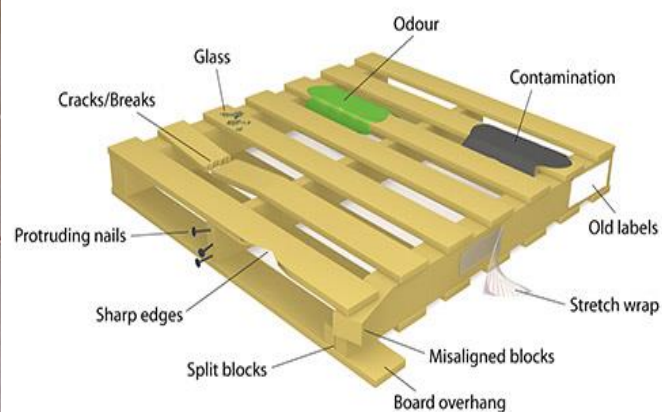
Pallets supplied should be non-returnable and pallet construction must conform to Australian Standard AS 4068. Rental pallets will not be accepted, if rental pallets are supplied it is not the responsibility of Beach Energy to have them returned.

Pallets shall be constructed so the width dimensions facilitate the placing of two pallets within the internal width of an ISO freight container unless special permission is given from Beach Energy, for example; Pond Liners and alike.

Material items when packed onto pallets must be secured to the pallet and in all instances protected from damage and the ingress of moisture, dust and other contaminants.

Material items when packed onto pallets shall at no time protrude beyond the extremities of the pallet.

Soft wood and old condition pallets are **not to be supplied** as the pallet will not survive the outback road conditions. Beach Energy will only consider Hardwood pallets in all circumstances.



7. **TIMBER BOXES, CRATES & SKIDS**

The Supplier must ensure the construction of timber boxes and crates complies with AS 2400 Part 7.

All timber used in the construction of packaging boxes, crates and skids will be sound and well-seasoned without evidence of rot, bark, grazes or splits. Knots shall be sound and not in excess of one quarter the width of the board or timber section to be utilised.

All boxes and crates must be either weatherproof lined or purchased items shall be weatherproofed prior to packing. This will be monitored regularly.

Timber boxes, crates and skids must be steel strapped and straps will be secured with crimped steel seals.

Crate, box, and skid dimensions and weights should be clear and in visual range.

All unstable freight in crates should be secured to endure rough terrain transport. For example the contents should have straps choked around the freight and the ends of the straps secured on the outside of the crate. This will allow for the freight and the crate to be secured for travel.

Crate, box, and skid dimensions and weights should be clear and in visual range.



8. HAZARDOUS CARGO

Hazardous materials needs to be suitably packaged, packed separately to all other materials.

All packages will be marked and labelled with markings and labels as stipulated by the Work Health and Safety (WHS) regulations

Under the Work Health and Safety (WHS) Regulations, the manufacturer or importer of a hazardous chemical must ensure that it is correctly labelled. Also, a supplier must not supply hazardous chemicals to a workplace if the hazardous chemicals are not correctly labelled.

9. SACKS, BAGS, WATER TIGHT DRUMS

Sacks and bags shall comply with AS 2400 Part 8 and where protection from the ingress of dust, dirt and moisture is required, liners shall be used.

When using sacks and bags the Supplier shall ensure they are individually tagged and branded with the Purchase Order number, Purchase Order instructions, and the contents.

Non-returnable water tight drums may be used for the packaging of materials such as structural bolting and fasteners etc. and when used the Supplier shall ensure individual drums are tagged and branded with the Purchase Order number, Purchase Order instructions, and the contents.



10. CONCRETE PRODUCTS

Due to the rough terrain roads and the nature of our business precast concrete footings, small slabs, wellhead anchor blocks, box culverts and basis must be supplied on hardwood pallets and shrink wrapped or weather proof lined for transportation. Beach Energy will no longer accept precast concrete products on soft wood pallets or unwrapped. Precast concrete products will be on separate pallets for easy handling and loading. Beach Energy will accept (for transportation purposes only) the use of polystyrene, foam and carpet for the materials to arrive safely.

For transportation purposes, all precast concrete **WILL** be restrained with chains and protectors will be used on the right angles.

It is important to ensure precast concrete materials are positioned on the trailer to minimise movement in transit.

For larger precast concrete materials such tank sleepers, sumps and pump basis. Each individual piece must be restrained with chains.

Please take all packaging and loading precautions and take into account our harsh road conditions before supplying Beach Energy with precast concrete.



11. PIPE, PIPE FITTINGS, HANDLING AND TRANSPORTATION

PIPE:

Pipe lengths will be bundled by strapped timber cleats of suitable dimensions above and below the bundle. Bundles shall be treated as individual packages and marked accordingly; strapping of bundled materials shall be in accordance with AS 2400 Part 13.

Coated pipe must be provided with maximum protection to prevent damage by any abrasion or impact.

End or bevel protection; the supplier shall ensure the ends of individual pipe lengths are sealed with plastic plugs or covered with plastic end caps, tape covering is not acceptable.

Threaded connections shall be capped or plugged

Where wire rope or chains are used, adequate padding shall be used at points of contact with the pipe. Care must be taken to prevent any chafing of pipes against each other or against the metal structures of the vehicle during transportation.

Where necessary, such metal structures must be padded with planks or plastic tubes.

Skids and dunnage must be used between the bundles in transit as well as in the storage of coated pipes.

Pipes must not be loaded on top of each other unless this can be done without damaging the under pipes.

PIPE FITTINGS:

Pipe fittings must be sorted according to type and shall be packaged in timber boxes or crates.

Flanges shall be protected by means of placement with plastic flange covers or the bolting of timber/metal blanks to the flange. Tape is not acceptable on sealing surfaces. Threaded connections shall be capped or plugged.



12. **BEACH ENERGY 3RD PARTY LOGISTICS (3PL) LOAD RESTRAINT & HANDLING**

The National Transport Commission (NTC) Load Restraint Guide and the Australian Code for the Transport of Dangerous Goods by Road and Rail (the ADG Code) provide specific requirements with regards to load restraint.

NTC Load Restraint Guide details the basic safety principals to be followed to ensure the safe carriage of loads.

Additional load restraint requirements apply for dangerous goods, in accordance with the ADG Code.

All loads must be restrained in accordance with the NTC Load Restraint Guide and the ADG Code

National procedure: TE OPS P773 Load Restraint clarifies and gives further direction to these requirements by: Providing guidance on load restraint of non-standard freight; and sharing best practice in load restraint methods.



For any questions please contact the following personnel:

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