

OPERATIONS MANUAL

CUBE - 110% REAL Self Bunded Tanks



110%
REAL CUBE
ceapet.com.au



STORAGE SOLUTIONS



CEA Petroleum Equipment CUBE OPERATIONS MANUAL	Client	CEA Petroleum Equipment	Title	CEA Petroleum Equipment CUBE Operations Manual
	Spot		Job #	Revision 1B

110%
REAL CUBE
ceapet.com.au

CEA Petroleum Equipment Cube Operations Manual



Prepared by: Paul Morgan – Petroleum Product Manager

3/8/2018



CEA Petroleum Equipment CUBE OPERATIONS MANUAL	Client	CEA Petroleum Equipment	Title	CEA Petroleum Equipment CUBE Operations Manual
			Job #	Revision 1B

Correct lifting of CEA Petroleum Equipment CUBES

1. Lift only when empty
2. Only use the lifting points as identified on the CEA Petroleum Equipment Cube
3. CEA Petroleum Equipment Cubes are supplied standard with four way forklift pockets

110%
REAL CUBE
ceapet.com.au

Do not operate this equipment unless you are authorised and suitably trained.

1. Authorised persons are those that have been approved to use this equipment in the workplace and are suitably trained to do so.
2. All persons operating this equipment should do so in accordance with workplace health and safety and environmental guide lines governing their workplace.
3. Carry out pre-operational inspections prior to using this equipment.
4. Use personal protective equipment when operating this equipment.
5. Report all faults or potential hazards directly to the persons responsible in the workplace.
6. Upon finding any faults with the equipment do not operate the equipment, take the equipment out of service according to your workplace procedures and arrange for the equipment to be repaired by an authorised repairer.
7. CEA Petroleum Equipment offers training services where by CEA Petroleum Equipment provides suitably qualified persons to offer instruction on the safe use of the equipment provided.
8. CEA Petroleum Equipment offers service and repair to all refuelling equipment.



CEA Petroleum Equipment CUBE OPERATIONS MANUAL	Client	CEA Petroleum Equipment	Title	CEA Petroleum Equipment CUBE Operations Manual
	Spot		Job #	Revision 1B

CEA Petroleum Equipment Cubes are designed and constructed in accordance with the following standards for the storage and transportation of fuel and oils compliant with

1. UN1202
2. UN31A/Y
3. AS1940
4. AS1692

For location and installation of your CEA Petroleum Equipment Cube refer to the Australian standards AS1940 and AS1692 storage of combustible and flammable liquids.

1. Seek approvals from governing bodies prior to installation, as required
2. Install appropriate signage, impact protection and fire fighting equipment suitable for the product stored and dispensed for the CEA Petroleum Equipment Cube.
3. Install on a level hard compacted surface

CEA Petroleum Equipment offers services for installation and compliance with AS1940 and local governing authorities.



110%
REAL CUBE
ceapet.com.au



CEA Petroleum Equipment CUBE OPERATIONS MANUAL	Client	CEA Petroleum Equipment	Title	CEA Petroleum Equipment Operations Manual
	Spot		Job #	Revision 1B

CEA Petroleum Equipment Cubes are clearly labelled with the following Decals:

1. Product label, Warning signage, Safe fill level, Fill point, Dip point, Suction point, Return point and Vent
2. Warning Only Lift When Empty
3. Warning No Welding or Drilling
4. Danger Confined Space
5. No Smoking No Naked Flame
6. Compliance plate and Serial Number are located under the lid
7. Instruction and Operations Guide is located under the lid

110%
REAL CUBE
ceapet.com.au

The CEA Petroleum Equipment labelling is compliant with AS1940 and AS1692

Please ensure these decals are kept clean and are in good repair.

CEA Petroleum Equipment Cubes are supplied with a tank gauge for content level; calibrated dip sticks are not supplied as standard but are available from CEA Petroleum Equipment.



CEA Petroleum Equipment CUBE OPERATIONS MANUAL	Client	CEA Petroleum Equipment	Title	CEA Petroleum Equipment Operations Manual
	Spot		Job #	Revision 1B

Before filling the CEA Petroleum Equipment Cube inspect the following:

1. Visible damage to the inner and outer tanks.
2. Ensure that a Free to Air Vent is fitted. When filling your CEA CUBE air must be able to escape the tank at the same rate as the tank is being filled.
3. Labelling is correct for the product being stored in the CEA Petroleum Equipment Cube.
4. Inspect for the correct operation of the vent.
5. Dip the tank prior to filling operations.
6. Pumping equipment if fitted is not in operation.
7. Ask your petroleum supplier to provide their site requirements prior to arranging a delivery.
8. No smoking, naked flames or hot works to be carried out in the refuelling area
9. Only fill the CEA Petroleum Equipment Cube with a hand held splash fill nozzle.
10. Do not leave unattended while filling.
11. Do not pressure fill the CEA Petroleum Equipment Cube using a Camlock Fitting –Nozzle Fill Only
12. Do not overfill the CEA Petroleum Equipment Cube.
13. Replace all caps upon completion of filling operations
14. Monitor the bunded area while filling

110%
REAL CUBE
ceapet.com.au



CEA Petroleum Equipment CUBE OPERATIONS MANUAL	Client	CEA Petroleum Equipment	Title	CEA Petroleum Equipment Operations Manual
	Spot		Job #	Revision 1B

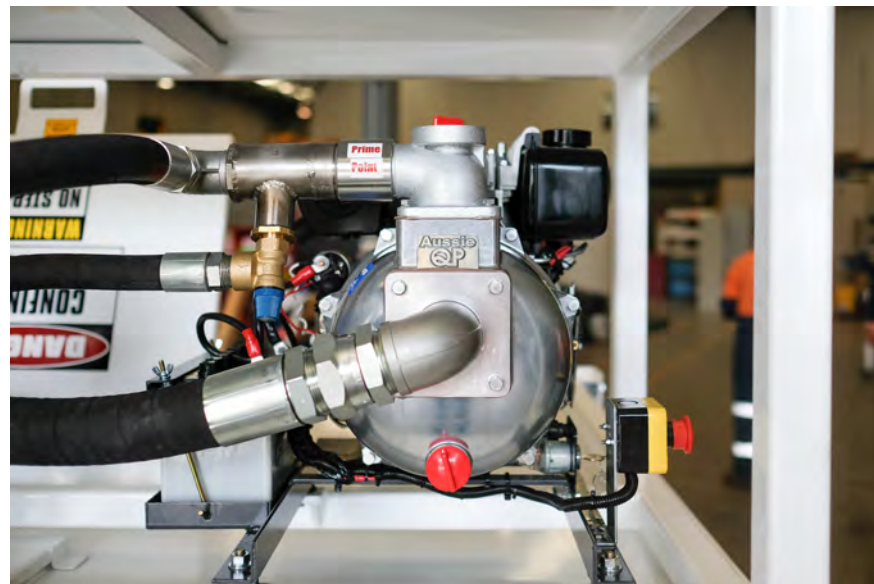
Priming CEA Petroleum Equipment Supplied Pump

CEA Petroleum Equipment supplies and installs a wide variety of pumping equipment depending on the customer's requirements.

Please refer to the manufactures documents supplied for operation and service

1. Priming pump equipment, note most pumps supplied are self-priming and no further action is required. If required remove the hose from the suction point on top of the tank, fill suction hose with product. Reattach the hose and start the pump.
2. For centrifugal pumps remove the priming plug on the pump, fill with product. Replace the priming plug and start the pump.

110%
REAL CUBE
ceapet.com.au



CEA Petroleum Equipment CUBE OPERATIONS MANUAL	Client	CEA Petroleum Equipment	Title	CEA Petroleum Equipment Operations Manual
	Spot		Job #	Revision 1B

Normal Operation of the CEA Petroleum Equipment Cube

The CEA Petroleum Equipment Cubes is designed to be fitted with pumping equipment and configured

in multiple ways. Common configurations are:

- Generator supply tank – no pumping equipment fitted
- Generator supply tank – pumping equipment fitted
- Light vehicle refuelling - hand operated pumping equipment
- Light vehicle refuelling powered equipment – 12Volt, 24Volt and 240Volt and Air Operated Pumping Equipment

CEA Petroleum Equipment recommends on site commissioning and training of the use and maintenance of the

equipment fitted. CEA Petroleum Equipment Cube generic refuelling operation procedure

1. Refer to the manufactures documentation for pumping equipment use and operation.
2. Inspect the CEA Petroleum Equipment Cube and pumping equipment for damage and wear prior to operation and report any faults, do not operate if faults are found.
3. No Smoking or Naked Flames
4. Turn off vehicles prior to refuelling
5. Wear PPE
6. Dip CEA Petroleum Equipment Cube prior to refuelling operations to ensure sufficient product for the operation being carried out.
7. Remove the vehicle fuel cap, insert the refuelling nozzle.
8. Start the pump and operate the nozzle, do not leave the nozzle unattended while refuelling.
9. Upon completion of refuelling operations turn off pumping equipment, replace hose and nozzle to avoid damage and trip hazards.
10. Replace vehicle filler cap.
11. Secure the CEA Petroleum Equipment Cube in accordance with site procedures.

110%
REAL CUBE
ceapet.com.au

CEA Petroleum Equipment CUBE OPERATIONS MANUAL	Client	CEA Petroleum Equipment	Title	CEA Petroleum Equipment Operations Manual
	Spot		Job #	Revision 1B

Scheduled Maintenance

CEA Petroleum Equipment recommends scheduled maintenance is carried out at set intervals

6 monthly by a suitably qualified tradesperson to any additional equipment fitted to the CEA Petroleum Equipment Cube such as pumps, filters, meter calibrations and so on.

Check with CEA Petroleum Equipment regarding programmed maintenance for you Cube.

On a weekly basis check the following:

1. Check the CEA Petroleum Equipment Cube for water contamination.
2. Check pumping equipment for wear and tear, refer to the manufactures documentation for pumping equipment use and operation
3. Inspect signage for damage to signage.
4. Monitor and clean bund.

CEA Petroleum Equipment can supply service, spare parts and accessories for your

CEA Petroleum Equipment Cube. Contact CEA Petroleum Equipment on 07 3204

2240 or contact sales@ceapet.com.au



PRODUCT SUPPORT

Finance

With CEA Petroleum Equipment Financial Services we understand your industry and can tailor a finance package to suit you. Whether you require a Chattel Mortgage, Hire Purchase, Lease or Operating Lease we have an option to suit your business.

Wherever you are, we are.

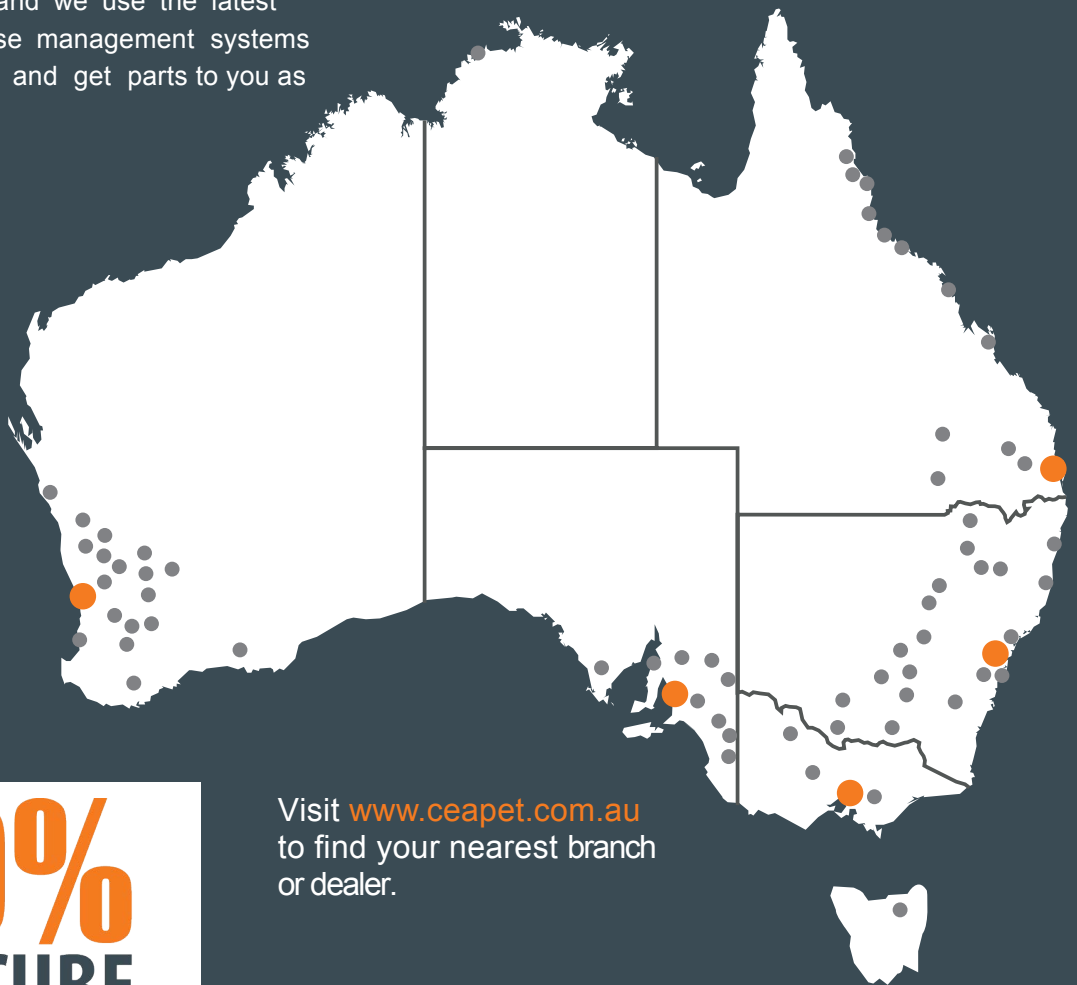
With a network of over 60 dealers and outlets in Australia, our aim is to provide world class support for you, your business and your equipment.

Trust the genuine article.

Our distribution centres are at the heart of our support network. We stock an extensive range of petroleum equipment at our centres in Sydney, Melbourne and Perth, and we use the latest logistics and warehouse management systems to minimise downtime and get parts to you as quickly as possible.

Keeping you up and running.

Our goal is to keep our customers working. Our trained technicians are experts on routine servicing or urgent assessment and repair, and they're available 24 hours a day, seven days a week, to make sure your assets are always protected.



110%
REAL CUBE
ceapet.com.au

Visit www.ceapet.com.au
to find your nearest branch
or dealer.

1800 733 782 | WWW.CEAPET.COM.AU