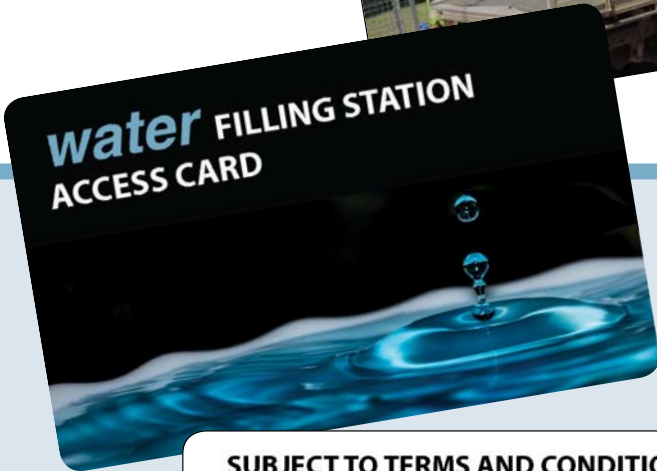


ACCOUNT CARDS & STORED VALUE CARDS FOR WATER FILLING STATIONS



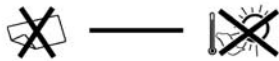
Standard
Cards

Customised
Cards

SUBJECT TO TERMS AND CONDITIONS

Environmentally Friendly Re-useable Plastic

CARD NUMBER



**ABBERFIELD
TECHNOLOGY**

32 CROSS ST. BROOKVALE
SYDNEY NSW 2100 AUSTRALIA
www.abberfield.com.au

If found please contact:
Queensland Urban Utilities
13 26 57

This card remains the property of
Queensland Urban Utilities

Approval Holder

**ABBERFIELD
NO. 2**

Account Number

00000000

Card Serial Number

3E7F9976



THE ABBERFIELD GROUP

32 Cross Street, Brookvale,
Sydney NSW Australia 2100

T: +61 (0)2 9939 2844

E: contact@abberfield.com.au

W: www.abberfield.com.au

ACCOUNT CARDS & STORED VALUE CARDS FOR WATER FILLING STATIONS

Function

Abberfield Technology's Water Filling Stations are for tanker drivers & general public use (large or small hose connection).

Credit cards are the general means of payment for water, often with Account Cards for tanker drivers or regular users.

Abberfield Technology offer data processing and banking facilities for Credit Cards & Account Cards, including usage reports, critical alert email reporting etc. Customer usage data can be fed to Supply Authorities for issuing of monthly accounts (see brochure #180323 for back-office support).

Abberfield Technology offer customers total support, including the supply of the Account Cards or less common Stored Value Cards or free Access Cards.

Card Types

MIFARE Classic protocol based 'tap cards' (RFID I K storage, industry standard).

Printed artwork on the card can be applied in two forms. Foil sublimation, or reverse laminated printing.

Foil sublimation is done by Abberfield Technology by heat transfer through our bureau printers. Laminated printing is to print on the reverse of a clear laminate material & fusion bond to the card substrate.

Advantages & Disadvantages

Foil sublimation is for small runs, but has limitations of graphic colours & the embossed foil can wear over years of use. This wear does not affect card performance, just the card appearance.

Laminated printing protects the print (being on the reverse side of the clear membrane) & has the advantage of multiple colour possibilities with more detailed graphics.

Foil printing is considerably more expensive, but laminated printing requires greater quantities.

Customisation

To overcome the minimum card number requirements for laminated printing, Abberfield offer a generic card for use on any Abberfield Water Filling Station. These are stock items & can be sold in any quantity.

Creation of artwork to a customer's design, (usually with customer's logo) is offered by Abberfield. Small runs limit design & colour & customers are invited to consider a minimum run of 250 cards to obtain the benefits described for laminated printing.

Artwork

Abberfield offer a full design & artwork service in consultation with our customers, from concept to approved design, to printing & supply. Abberfield offer total support. This service has been established over many decades of printing plastic & paper transportation ticketing, car park & access pass cards.

Artwork Design

Laminated printing allows ample freedom of colour choice & graphics & at no additional cost of printing on both sides of the card.

Foil printing has its limitations:

- Single colour artwork is standard.
- A second colour is possible with clear separation of colours,
- Primary solid colours only.
- Print cost being per colour & per side.

Despite these limitation adequate & attractive designs can be achieved, entirely fit for purpose.

Application

The normal procedure is to have all of the cards pre-encoded & sequentially numbered.

When the Water Supply Authority issues a card to a customer, they scan the card & then enter the encoded number on to the data processing portal.

Usage by that card will then activate water delivery & record consumption & charges for that customer only.

By arrangement, the cards can be stored un-encoded & the Water Authorities can encode them at time of issue.

Abberfield provide a total service & invite enquires on any aspect of card equipment of support service.

