

Hazchem Placards

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All States and Territories have adopted the NOHSC model Dangerous Goods and Storage Regulations. Over the past year each State and Territory have either released new or amendments to existing Regulations incorporating Hazchem Placarding. These Regulations have standardised on the same storage and handling placarding requirements, which applies Australia wide.

These Regulations are:

| | | |
|-------------|---|---------------------|
| VIC | Dangerous Goods (Storage and Handling) Regulations 2012 | Released 1 Dec 2012 |
| NSW* | Work Health and Safety Regulations 2011 | Released 1 Jan 2012 |
| QLD* | Work Health and Safety Regulations 2011 | Amended 1 July 2013 |
| SA* | Work Health and Safety Regulations 2012 | Amended 1 July 2013 |
| WA | Dangerous Goods Safety (Storage and Handling of Non Explosives) Regulations 2007. | Amended 20 Feb 2013 |
| NT* | Work Health and Safety Regulations | Amended 28 Jun 2013 |
| TAS* | Work Health and Safety Regulations 2012 | Released 1 Jan 2013 |

*Some states and territories have also incorporated Dangerous Goods / Hazardous Chemicals Regulations into new Work Health and Safety Regulations.

Outer Warning Placard

A HAZCHEM outer warning sign shall be prominently displayed at all road and rail entrances to the premises.

| Size | 600 x 150 | | |
|----------------------------------|-----------|-------|-------|
| Description | Metal | Poly | Vinyl |
| 1. Hazchem Outer Warning Placard | PHAZM | PHAZP | PHAZV |



Packaged Goods Placards

A placard for packaged goods must be displayed if the quantity of dangerous goods in an area exceeds the quantity specified in column headed "Placarding Quantity" in Schedule 2 of the Regulations.

| Description | Metal | Poly | Vinyl |
|-------------------------------------|-----------|-----------|-----------|
| 2. 800 x 200 Packaged Goods Placard | PHAZCQ30M | PHAZCQ30P | PHAZCQ30V |
| 3. 600 x 150 Packaged Goods Placard | PHAZC30M | PHAZC30P | PHAZC30V |
| 4. 450 x 150 Packaged Goods Placard | PHAZC31M | | PHAZC31V |
| 5. 300 x 150 Packaged Goods Placard | PHAZC32M | | PHAZC32V |



The minimum size for diamonds for packaged goods placards size is 100 x 100mm. Dangerous goods diamonds are sold separately. Refer to dangerous goods diamonds table on page 36.

Bulk Storage Placards

A Bulk Storage sign must be displayed on or adjacent to a tank containing a liquid or gas, or an area where bulk solid dangerous goods are stored of a single chemical.

Storage in Bulk is classified as:

- Class 2 gases stored in a container having a capacity greater than 500 litres.
- Chemicals other than Class 2 in liquid or paste in a container of a capacity greater than 250 litres
- In the form of a solid in an undivided quantity greater than 400 kg.

| Size | 800 x 400 | | |
|-------------------------|-----------|---------|---------|
| Description | Metal | Poly | Vinyl |
| 6. Bulk Storage Placard | PHAZBTM | PHAZBTP | PHAZBTV |



Refer to Edition 7 of the ADG Code for correct chemical names, hazchem code, UN number and Class. **Also note that the reverse coded letters are no longer applicable.**

C1 Combustible Liquid Placards

This sign is specifically for chemicals classified as C1 combustible liquids when stored in bulk and in packages. This sign is only for display if the quantity of chemicals exceeds the placard exemption limit as specified in Schedule 2 of the Regulations.

These are chemicals which have a flash point above 61°C and no higher than 150°C. Examples of some chemicals classified as C1 Combustible Liquids are: Distillate (Diesel) and Ethylene Glycol.

A placard for packaged goods must be displayed if the quantity of Combustible Liquids in bulk or packaged goods exceeds the quantity specified in column headed "Placarding Quantity" in Schedule 2 of the Regulations.

| Size | 900 x 150 | | |
|-----------------------|-----------|---------|---------|
| Description | Metal | Poly | Vinyl |
| 7. Combustible Liquid | PHAZCLM | PHAZCLP | PHAZCLV |

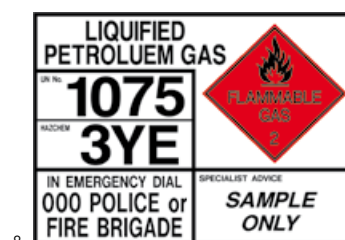


Emergency Information Panels for Vehicles

An Emergency Information Panel shall be displayed on all vehicles transporting dangerous goods in bulk.

If a tank or intermediate bulk container (IBC) has a capacity of not more than 3 cubic metres, an emergency information panel fixed to a tank or IBC may not be less than half size (400x300). Refer to the ADG Code edition 7 for further details.

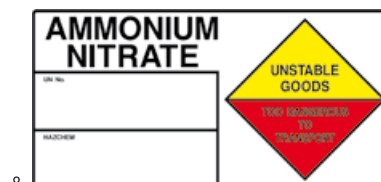
| Description | 800 x 600 | | 400 x 300 | | |
|--------------------------------|------------------|--------|------------------|--------|--------|
| | Colourbond Steel | Vinyl | Colourbond Steel | Poly | Vinyl |
| 8. Emergency Information Panel | PTM86M | PTM86V | PTM43M | PTM43P | PTM43V |



Unstable Goods Too Dangerous To Transport

This is a new classification of chemicals stored in either bulk or packaged goods. Chemicals classified as "Too Dangerous To Transport" must be placarded if the quantity exceeds the quantity specified in the column headed "Placarding Quantity" in Schedule 2 of the Regulations.

| Size | 800 x 400 | | |
|--|-----------|---------|---------|
| Description | Metal | Poly | Vinyl |
| 9. Unstable Goods Bulk Storage Placard | PHAZBTM | PHAZBTP | PHAZBTV |



Environmentally Hazardous Substances

Packages containing environmentally hazardous substances must be marked in accordance with the ADG Code Edition 7 for packaged goods and for transport units.

| Description | 300 x 300 | | 250 x 250 | 100 x 100 |
|--|-----------|--------|-----------|-----------|
| | Metal | Vinyl | Vinyl | Vinyl |
| 10. Environmentally Hazardous Substances | PTMEHM | PTMEHV | P25EH | P10EH |



Dangerous Goods Segregation Chart

Within Australian Standards AS/NZS 3833-2007 "The Storage and Handling of Mixed Classes of Dangerous Goods, In Packages and Intermediate Bulk Containers" there are recommendations for minimum separation distances for Stores from protected places. Refer to this standard for further details.

The following table provides a summary of these requirements.

| Size | 600 x 600 | |
|---------------------------------------|-----------|----------|
| Description | Metal | Poly |
| 11. Dangerous Goods Segregation Chart | PHAZSEGM | PHAZSEGP |

