

Noremak Product Alert

New Release nbn Standards

nbn has released their new version of
"Deployment of the nbn pit and conduit network"
Revision 11 30 Sep 2022

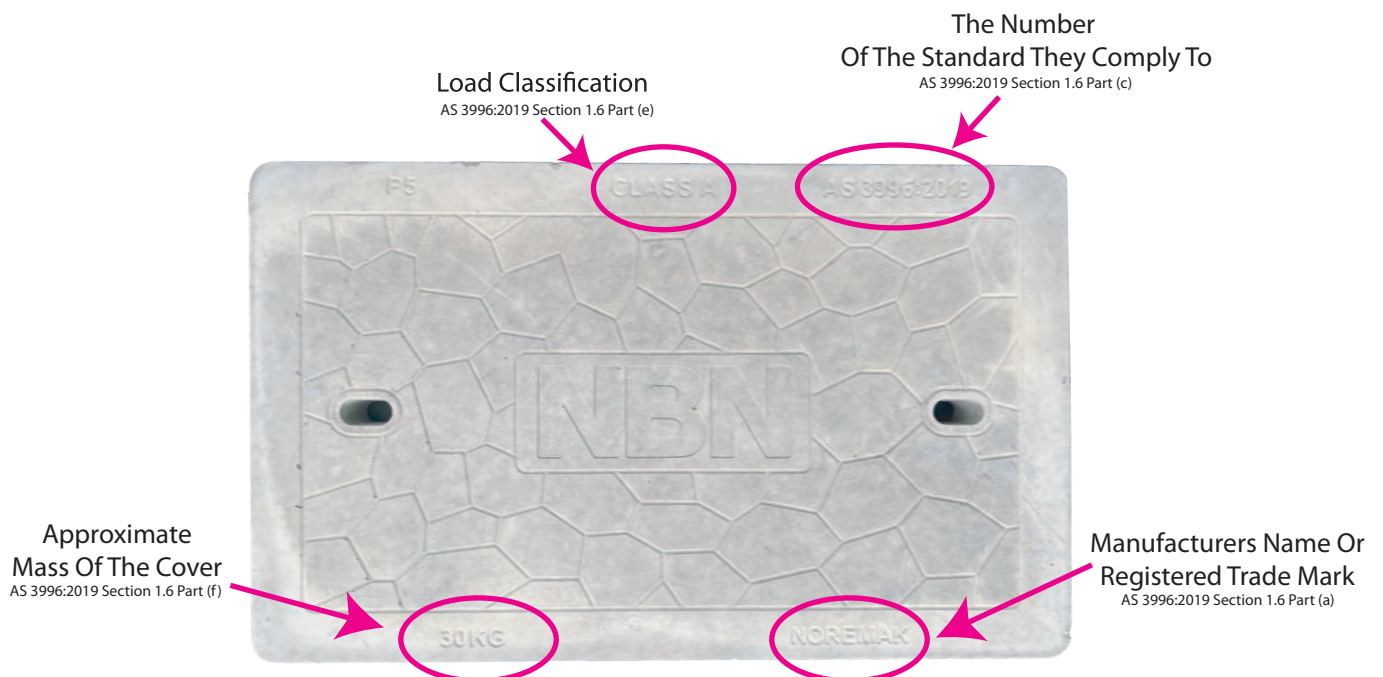
As part of the new release nbn has clarified their requirements for pit lids within their infrastructure to be to the Australian Standard AS3996.

The main part of the clarification is the requirements of permanent labelling required by AS3996 on the lids which clearly defines;

- 1) The Manufacturers Name or trademark
- 2) The number of the Australian Standard the lid conforms to
- 3) Load Classification as example A
- 4) Weight of Lid
- 5) nbn Logo to their requirements

The main reason for their clarification was the amount of lids being manufactured with the nbn embossing that did not meet Australian Standards specifically where it came to the Manufacturers Name. Without the name of the manufacturer on the lid there is no traceability in case of failure or collapse. As with all rated products traceability is a must.

If your lids do not meet these requirements you are not meeting the Australian Standards or nbn standards and they can be rejected by nbn



Please see over for the extract page from nbn standard



- The pit and its fittings shall not have exposed sharp edges.
- **Pit lids shall be concrete and weigh no more than 38 kg each** except where composite pit lids are installed by a developer, nbn would accept the installation providing the lid meets the AS 3996 Class B classification.

NOTE: Composite pit lids are not to be used manholes.

- Pit lids shall have a pit lid lifting tool hole at each end of the lid/s, capable of being used with an industry accepted standard lifting tool.
- Pit lid lifting holes shall be designed to prevent the insertion of materials including needle sharps (e.g. by fitting a gasket).
- Pit lid surfaces shall be designed to prevent water gathering/pooling and have a slip resistance rating for wet conditions compliant with *AS/NZS 4586 -2013 Slip resistance classification of new pedestrian surface materials*. A certificate of compliance from the pit lid supplier must be available as evidence, if requested by **nbn**.
- Pits and pit lids shall have a load rating suitable for the location it is installed in as per *AS 3996 - 2006 Access covers and grates* Section 3.1.

- nbn pit lids shall be manufactured as per AS 3996 and shall be permanently labelled with:
 - Manufacturer’s name or registered trademark.
 - The number of Australian Standard, i.e. AS 3996.
 - Load classification e.g. Class B
 - Weight of the lid
 - Carrier (**nbn**; as per detail below (Figure 17))

- The pit lids shall be embossed with the descriptor ‘NBN’. The descriptor should resemble the format displayed in Figure 17.
 - The descriptor shall:
 - be positioned in the centre of the lid
 - be embossed in alignment with the longest side of the pit lid
 - be approximately 200 mm in length with the height dictated by the typeface used
 - use the typeface Arial
 - use capital letters



Figure 17. Required descriptor format