



NBN Co. Pit Lid Descriptor

Technical Information Bulletin (TIB)

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Purpose

The NBN Co. requirements for pit lids have been updated in document: CTO-194: Deployment of the NBN Co. Conduit and Pit Network – Guidelines for Developers version 2.0 and upwards.

NBN Co. seeks the introduction of revised pit lids in a compressed timeframe and have previously engaged suppliers.

It is anticipated that within three months from the date of this Technical Information Bulletin, the product will be made available for deployment.

Scope

The requirements for the pit lids are defined in Appendix A of this Technical Information Bulletin.

Approach

To assist with the transition, tooling and logistics, NBN Co. has identified the following stepped approach:

- Where possible, the new pit lids should be introduced with immediate effect.
- Where existing stocks are held, these are to be depleted over the next three months from the date of this technical bulletin and in parallel, development of the new pit lid shall commence.
- During July 2013, an assessment will be made as to a final cut over date to the new standards; expected to be no later than 30th September 2013.
- Accepting a potential delay in the labelling of pit lids, in the interim all Suppliers are to manufacture pit lids which meet as a minimum the Australian Standards as detailed in CTO-194: Deployment of the NBN Co. Conduit and Pit Network – Guidelines for Developers version 2.0 and upwards.

Summary

Pre 30th September 2013:

- Before this date, a site that is submitted for Practical Completion or where works are already underway in anticipation of Practical Completion, the Pit lids **should** conform to the specifications detailed in CTO-194: Deployment of the NBN Co. Conduit and Pit Network – Guidelines for Developers version 2.0 and upwards.
- It is acceptable for developers to use pit lids that display the descriptor of 'Comms' or 'Communications' and no indication of pit lid weight.

Post 30th of September 2013:

- For any site work that commences after this date and is submitted for practical completion, pit lids **must** conform in entirety to the specifications detailed in CTO-194: Deployment of the NBN Co. Conduit and Pit Network – Guidelines for Developers version 2.0 and upwards.



IMPORTANT:

If a pit lid has no indication of weight. Refer to the Safety Alert in Appendix B or access the file at the following location: <http://edrms2010.nbnco.net.au/hse/Shared/Safety%20Alert%20-%20Pit%20Lids%20Missing%20Weight%20Stamp.pdf>

Pit and Lid Requirements

Extracted from: CTO-194: Deployment of the NBN Co. Conduit and Pit Network – Guidelines for Developers version 2.0

Pits and lids selected must meet the following minimum requirements:

- The pit construction must ensure that the top rim of the lid will not warp or bend when installed as per the manufacturer's specifications
- The pit and its fittings must not have exposed sharp edges
- Pit lids must weigh no more than 38 kg each (which may mean larger pits have split-lids), with the weight of the lid clearly labelled on the lid
- Pit lids must have a pit lid lifting tool hole at each end of the lid (or at each end of each split-lid part) capable of being used with an industry accepted lifting tool
- Pit lid lifting holes must be designed to prevent the insertion of materials including needle sharps (for example, by fitting a gasket)
- Pit lid surfaces must be designed to prevent water gathering/pooling and have a slip resistance rating for wet conditions compliant with AS/NZS 4586 Slip resistance classification of new pedestrian surface materials. A certificate of compliance from an independent laboratory must be available as evidence
- Pits and pit lids must have a load rating suitable for the location it is installed in as per AS 3996 Access covers and grates. A certificate of compliance from an independent laboratory must be available as evidence
- The pit lids shall be embossed with the descriptor of 'NBN'. The descriptor should resemble the format displayed in Figure 1.
- 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 200mm in length with the height dictated by the typeface used
 - Use the typeface Arial
 - Use capital letters.



Figure 1 – Required Descriptor Format

Safety Alert

[Safety Alert](#)

NBN-HSE-DDC-TMP-0093 Safety Alert



SAFETY ALERT

Pit Lids missing weight stamp

21 Feb 2013

Pit Lids missing Weight Stamps – New Developments

Audits have identified some pit lids in New Developments may not have their weight stamped onto the top of the lid. Identified pit lids are put into a process of resolution, however although not labelled, standard telecommunication pit lids weigh 30 kg.

Example of an 'unlabelled' pit lid



Required Actions

1. Forward this Safety Alert All to all relevant workers.
2. Supervisors to communicate or conduct toolbox meetings on their organisation's safe work procedures for this task – i.e. pit lid removal and installation.

Note: Organisations need to use appropriate equipment/systems mitigate the risk of manual handling injury. For additional information contact the manufacturer (at <http://www.bvci.com.au/>)

Should you have any queries or clarifications, please contact your Manager initially or your respective Regional HS&E Advisor for more information.