

## **Ausgrid**

I am not sure if the European standards listed below are mentioned in your list for further study. Both these standard are often used for acoustic safety test of GSM/3G phone and headset.

- EN 50332-1:2000 : *Sound System Equipment: Headphones and Earphones Associated With Portable Audio Equipment - Maximum Sound Pressure Level Measurement Methodology and Limit Considerations - Part 1: General Method for 'one Package Equipment*
- EN 50332-2:2003 : *Sound System Equipment: Headphones And Earphones Associated With Portable Audio Equipment - Maximum Sound Pressure Level Measurement Methodology And Limit Considerations - Part 2: Matching Of Sets With Headphones If Either Or Both Are Offered Separately*

Further correspondence on the issue:

These standards are more related to S042 than AS/ACIF S004 (both of which are mentioned in the Guideline). Many companies apply EN 50332-1 for mobile phone (as this Standard limits the max acoustic output to 100 dBA where the AS/ACIF S004 and S042.1 limit is 120 dBA) and EN 50332.2 for headset supplied with telephone, 3G PC, etc.

However, currently S004 & S042.1 have very common requirements for acoustic shock so I think that a study of these Standards as a part of test method and acoustic limit may be useful.