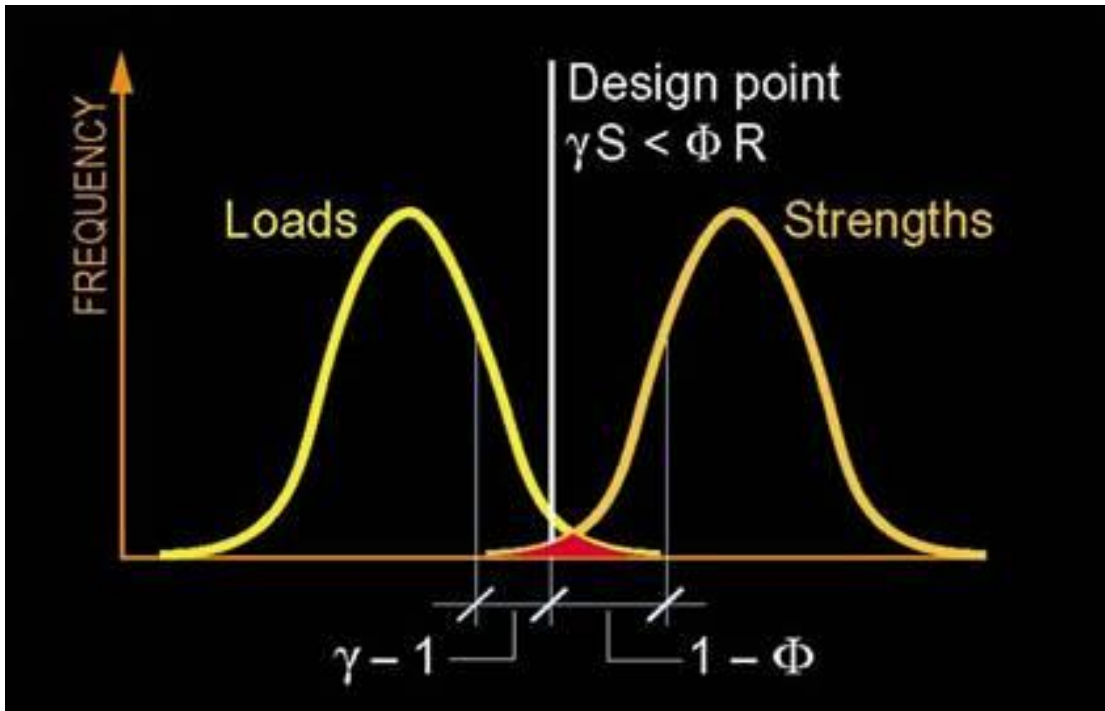




ELECTRONIC BLUEPRINT is the principal point of reference and knowledge base for Architects, Engineers and Builders and the only package that fully integrates regulatory & standards requirements with comprehensive, editable specifications, CAD details and approved industry training.

## Testing the “Black Box”



Electronic Blueprint and ENVIROSPEC provide building specifications and training, on safe and sustainable buildings, for architects, engineers and builders. Addressing the Concrete Institute of Australia (CIA), Rod Johnston provided a personal perspective of 40 years of engineering developments and the “tools” that assist our professionalism.

He stated:

“The Black Box is the repository of our engineering knowledge and experience. It is what makes us engineers the ‘can do’ people. It distinguishes us from the other disciplines – The artistry of the architect and the seriousness of the scientist. It comprises our:

- Ethics
- Professional heritage
- Procedures
- Building Regulations and Standards
- Experience and ‘gut-feel’.”

Among the many “tools” in the “black box” are regulations, standards and design documents. In particular, he spoke of the proposed protocol for testing structural standards and BCA referenced design documents, to ensure an acceptable structural reliability (indicator of safety).

“When a manufacturer or industry organization gets their design guides referenced in the BCA, design engineers need assurance that the levels of safety will be consistent with other more-commonly used standards..... The structural reliability indices that result from design in accordance with the BCA and various Australian Standards may be used as a guide for other documents to be referenced.”

For further information and comment on structural reliability, please contact Electronic Blueprint [www.electronicblueprint.com.au](http://www.electronicblueprint.com.au)

ELECTRONIC BLUEPRINT ABN 31 088 338 532 Inc in NSW

p: +61 2 4360 2255

f: +61 2 4360 2256

49A Parklands Road, Mt Colah, NSW 2079, Australia

Approved: Rod Johnston

w: [www.electronicblueprint.com.au](http://www.electronicblueprint.com.au)

D08070309-1 News Story – Black Box

3 July 2008 Page 1

e: [info@electronicblueprint.com.au](mailto:info@electronicblueprint.com.au)