

SIGA

STRUCTURAL ENGINEERING

Siga News

March - April 2009

How do I know for sure?



Project:

Industrial – Wetherill Park

Key Objectives

- Prior to purchase, our client wanted reassurance that their prospective new premises would suitably cope with three heavy pieces of equipment that are vital to the functioning and productivity of their business.
- The layout of these machines needs to be functional and operational.

Challenges

- Confirming the design capacity of the suspended concrete floor.
- Determining whether it could cope with the above including machinery weighing up to 16 ton.
- While most factory floors can cope with considerable machinery loads, this one is different. It is a suspended concrete floor above a basement carpark.



The Warehouse area



The 16 ton machine

Siga Solutions

- Initial visual structural inspection to determine if the building was at all suitable.
- Obtaining the correct documentation to substantiate the capacity of the floor.
- Determining a suitable machinery layout to provide an appropriate solution.
- General assessment of the building.
- Documentation of a workable layout that satisfied functional and structural requirements.

Chloe's Joke:

Q – What does a spider do in its spare time?

A – Searches the web.

Chloe Simone – 8 years old – hopes you enjoy this joke

Warm Regards,
FRANK SIMONE